Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL establishing Horizon Europe - the Framework Programme for Research and Innovation, laying down its rules for participation and dissemination 2018/0224 (COD)

15 December 2020 (post-final trilogue)¹

Row	COMMISSION PROPOSAL COM(2018)0435	EP PLENARY TEXT, April 2019	COUNCIL GENERAL APPROACH (doc. 11251/20)	PRELIMINARY AGREE TEXT
1	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,	Unchanged	Unchanged	Unchanged
2	Having regard to the Treaty on the Functioning of the European Union, and in particular Article 173(3), Article 182(1), Article 183, and the second paragraph of Article 188 thereof,	Unchanged	Unchanged	Unchanged
3	Having regard to the proposal from the European Commission,	Unchanged	Unchanged	Unchanged
4	After transmission of the draft legislative act to the national parliaments,	Unchanged	Unchanged	Unchanged
5	Having regard to the opinion of the European Economic and Social Committee ¹⁰ , 10. OJ C [], [], p. [].	Unchanged	Unchanged	Unchanged

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¹ The document is subject to legal-linguistic changes and supplements the common understanding reached at the end of Parliament's first reading.

6	Having regard to the opinion of the Committee of the Regions ¹¹ , ——————————————————————————————————	Unchanged	Unchanged	Unchanged
7	Acting in accordance with the ordinary legislative procedure 12, 12. Position of the European Parliament of [(not yet published in the Official Journal)] and decision of the Council of	Unchanged	Unchanged	Unchanged
8	Whereas:	Unchanged	Unchanged	Unchanged
9	(1) It is the Union's objective to strengthen its scientific and technological bases and encourage its competitiveness, including in its industry, while promoting all research and innovation activities to deliver on the Union's strategic priorities, which ultimately aim at promoting peace, the Union's values and the well-being of its peoples.	(1) It is the Union's objective to strengthen its scientific excellence and technological bases in which researchers, scientific knowledge and technology circulate freely and encourage its competitiveness, including in its industry, to strengthen the European Research Area, while promoting all research and innovation activities to deliver on the Union's strategic priorities and commitments, which ultimately aim at promoting peace, the Union's values and the well-being of its peoples;	(1) It is the Union's objective to strengthen its scientific and technological bases and encourage its competitiveness by achieving a European research area in which researchers, scientific knowledge and technology circulate freely and encouraging it to become more competitive, including in its industry, while promoting all research and innovation activities to deliver on the Union's strategic priorities, which ultimately aim at promoting peace, the Union's values and the well-being of its peoples.	1) It is the Union's objective to strengthen its scientific and technological bases and encourage its competitiveness by strengthening a European research area in which researchers, scientific knowledge and technology circulate freely and encouraging it to become more competitive, including in its industry, while promoting all research and innovation activities to deliver on the Union's strategic priorities and commitments, which ultimately aim at promoting peace, the Union's values and the well-being of its peoples.
10	(2) To deliver scientific, economic and societal impact in pursuit of this general objective, the Union should invest in	(2) To deliver scientific, economic and societal impact in pursuit of this general objective and maximise the Union's added	(2) To deliver scientific, technological, economic, environmental and societal impact in pursuit of this general	(2) To deliver scientific, technological, economic, environmental and societal impact in pursuit of this general

research and innovation through Horizon Europe - a Framework Programme for Research and Innovation 2021-2027 (the 'Programme') to support the creation and diffusion of highquality knowledge and technologies, to strengthen the impact of research and innovation in developing, supporting and implementing Union policies, to support the uptake of innovative solutions in industry and society to address global challenges and promote industrial competitiveness; to foster all forms of innovation. including breakthrough innovation, and strengthen market deployment of innovative solutions; and optimise the delivery of such investment for increased impact within a strengthened European Research Area.

value of its RDI investments, the Union should invest in research and innovation through Horizon Europe - a Framework Programme for Research and Innovation 2021-2027 (the 'Programme') to support the creation, diffusion and transfer of high-quality knowledge and technologies in the Union, to strengthen the impact of research and innovation in addressing global challenges including the Sustainable Development Goals and climate change, and in developing, supporting and implementing Union policies, to support the uptake of innovative and sustainable solutions in the *Union's* industry and society to create jobs and boost economic growth and industrial competitiveness; The Programme should foster all forms of innovation, strengthen market deployment of innovative solutions and optimise the delivery of investments.

objective and maximise the Union's added value of its R&I **investments**, the Union should invest in excellent research and innovation through Horizon Europe - a Framework Programme for Research and Innovation 2021-2027 (the 'Programme') to support the creation and, better diffusion and transfer of highqualityexcellent knowledge and high-quality technologies, in the Union, to attract talent at all levels and contribute to full engagement of the union's talent pool, to facilitate collaborative links and to strengthen the impact of research and innovation in developing, supporting and implementing Union policies, to support and strengthen the uptake and deployment of innovative and sustainable solutions in industrythe Union's economy, notably in SMEs, and society, to address global challenges, including climate change and the Sustainable Development Goals, to create jobs and boost economic growth and promote industrial competitiveness; to and to boost attractiveness of

objective and maximise the Union's added value of its R&I **investments**, the Union should invest in research and innovation through Horizon Europe - a Framework Programme for Research and Innovation 2021-2027 (the 'Programme') to support the creation and, better diffusion and transfer of highquality, excellent knowledge and high-quality technologies, in the Union, to attract talent at all levels and contribute to full engagement of the union's talent pool, to facilitate collaborative links and to strengthen the impact of research and innovation in developing, supporting and implementing Union policies, to support and strengthen the uptake and **deployment** of innovative and sustainable solutions in industrythe Union's economy, notably in SMEs, and society, to address global challenges, including climate change and the Sustainable Development Goals, to create jobs and boost economic growth and promote industrial competitiveness; to and to boost attractiveness of the Union in the field of

			the Union in the field of	research and innovation (R&I).
			research and innovation (R&I).	The Programme should foster
			The Programme should foster	all forms of innovation, including
			all forms of innovation, including	breakthrough innovation, and
			breakthrough innovation, and	strengthenfoster market
			strengthenfoster market	deployment of innovative
			deployment of innovative	solutions; and optimise the
			solutions; and optimise the	delivery of such investment for
			delivery of such investment for	increased impact within a
			increased impact within a	strengthened European Research
			strengthened European Research	Area.
			Area.	
10.a			(2a) The Programme should	(2a) The Programme should
			be established for a period of	be established for the duration
			seven years to align its	of the multiannual financial
			duration with that of the	framework 2021-2027 as laid
			multiannual financial	down in Council Regulation
			framework laid down in	(EU, Euratom) No [reference
			Council Regulation (EU,	to the MFF Regulation to be
			Euratom) No [reference to the	inserted], without prejudice to
			MFF Regulation to be	the time limits set out in
			inserted], without prejudice to	Council Regulation
			the time limits set out in	[YYY/XXXX] establishing a
			Council Regulation	European Union Recovery
			[YYY/XXXX] establishing a	<u>Instrument to support the</u>
			European Union Recovery	recovery in the aftermath of
			<u>Instrument to support the</u>	the COVID-19 crisis.
			recovery in the aftermath of	
			the COVID-19 crisis.	
11	(2 a	a) The Programme should	(2a) The Programme should	(2a) The Programme should
	con	ntribute to increasing public	contribute to increasing public	contribute to increasing public
	and	d private investment in R&I in	and private investment in R&I	and private investment in R&I
	Men	mber States thereby helping to	in Member States, thereby	in Member States, thereby
	reac	ch an overall investment of at	helping to reach an overall	helping to reach an overall

		least 3% of the Union's GDP in research and development. The achievement of the target will require Member States and the private sector to complement the Programme with their own and reinforced investment actions in research, development and innovation.	investment of at least 3% of the Union's GDP in research and development. The achievement of the target will require Member States and the private sector to complement the Programme with their own and reinforced investment actions in research, development and innovation.	investment of at least 3% of the Union's GDP in research and development. The achievement of the target will require Member States and the private sector to complement the Programme with their own and reinforced investment actions in research, development and innovation.
11.a		(2b) In view of achieving the objectives of this Programme and whilst respecting the principle of excellence, the Programme should aim to strengthen, among others, collaborative links in Europe, thereby contributing to reducing the R&I divide.		(2b) In view of achieving the objectives of this Programme and whilst respecting the principle of excellence, the Programme should aim to strengthen, among others, collaborative links in Europe, thereby contributing to reducing the R&I divide.
12	(3) The promotion of research and innovation activities deemed necessary to help realise Union policy objectives should take into account the innovation principle as put forward in the Commission Communication of 15 May 2018 'A renewed European Agenda for Research and Innovation - Europe's chance to shape its future' (COM(2018)306).	(3) The promotion of research and innovation activities deemed necessary to help realise Union policy objectives should take into account the innovation principle a key driver in turning faster and more intensively the Union's substantial knowledge assets into innovations.	(3) The promotion of research and innovation activities deemed necessary to To help realise Union policy objectives should, activities supported under this Programe should, where relevant, take into account advantage of and inspire innovation-friendly regulation, in line with the innovation principle as put forward in the Commission Communication of 15 May 2018 'A renewed European Agenda for Research and Innovation -	(3) The promotion of research and innovation activities deemed necessary to To help realise Union policy objectives should, activities supported under this Programe should, where relevant, take into account advantage of and inspire innovation-friendly regulation, in line with the innovation principle as put forward in the Commission Communication of 15 May 2018 'A renewed European Agenda for Research and Innovation

			Europe's chance to shape its future' (COM(2018)306). 2,3, to support the faster and more intensive transformation of the Union's substantial knowledge assets into innovation.	Europe's chance to shape its future' (COM(2018)306)., to support the faster and more intensive transformation of the Union's substantial knowledge assets into innovation.
13	(4) Open Science, Open Innovation, Open to the World constitute general principles, which should ensure excellence and impact of the Union's investment in research and innovation. They should be adhered in the implementation of the Programme, in particular for the strategic planning in respect of the pillar 'Global Challenges and Industrial Competitiveness'.	(4) The continuation of "Open Science, Open Innovation, Open to the World" while safeguarding the Union's scientific and socioeconomic interests should ensure excellence and impact of the Union's investment in research and innovation and strengthen the R&I capacity of all Member States. That should lead to a balanced implementation of the Programme.	(4) The general principles of Open Science, Open Innovation, Open to the World -constitute general principles, whichshould be adhered to the implementation of the entire Programme, as widely as possible. These principles should ensure excellence and impact of the Union's investment in research and innovation. They should be adhered in the implementation of the Programme, in particular for the strategic planning in respect of the pillar 'Global Challenges and Industrial Competitiveness'.	(4) The concepts of "Open Science, Open Innovation, Open to the World" -constitute general principles, which should ensure excellence and impact of the Union's investment in research and innovation, while safeguarding the Union's interests. They should be adhered in the implementation of the Programme, in particular for the strategic planning in respect of the pillar 'Global Challenges and Industrial Competitiveness'.
14	(5) Open science, including open access to scientific publications and research data, has the potential to increase the quality, impact and benefits of science and to accelerate the	(5) Open science has the potential to increase the quality, impact and benefits of science and to accelerate the advancement of knowledge by making it more reliable, more efficient and	(5) Open science, including open access to scientific publications and research data, as well as optimal dissemination and exploitation of knowledge has the potential to increase the	(5) Open science, including open access to scientific publications and research data, as well as optimal dissemination and exploitation of knowledge has the potential to increase the

Better Regulation, Research and Innovation toolbox, https://ec.europa.eu/info/sites/info/files/file_import/better-regulation-toolbox-21_en_0.pdf Commission Communication of 15 May 2018 'A renewed European Agenda for Research and Innovation - Europe's chance to shape its future' (COM(2018)306).

advancement of knowledge by making it more reliable, more efficient and accurate, better understandable by society and responsive to societal challenges. Provisions should be laid down to ensure that beneficiaries provide open access to peerreviewed scientific publications, research data and other research outputs in an open and nondiscriminatory manner, free of charge and as early as possible in the dissemination process, and to enable their widest possible use and re-use. More emphasis should in particular be given to the responsible management of research data, which should comply with the FAIR principles of 'Findability', 'Accessibility', 'Interoperability' and 'Reusability', notably through the mainstreaming of Data Management Plans. Where appropriate, beneficiaries should make use of the possibilities offered by the European Open Science Cloud and adhere to further open science principles and practices.

accurate, better understandable by society and responsive to societal challenges. Provisions should be laid down to ensure that beneficiaries provide open access to peer-reviewed scientific publications, research data and other research outputs in an open and non-discriminatory manner, free of charge and as early as possible in the dissemination process, and to enable their widest possible use and re-use. As far as research data is concerned, the principle should be "as open as possible, as closed as necessary", thereby ensuring the possibility of exceptions taking into consideration the Union's socioeconomic interest, intellectual property rights, personal data protection and confidentiality, security concerns and other legitimate interests. More emphasis should be given to the responsible management of research data, which should comply with the FAIR principles of 'Findability', 'Accessibility', 'Interoperability' and 'Reusability', notably through the mainstreaming of Data Management Plans. Where appropriate, beneficiaries should

quality, impact and benefits of science and to accelerate the advancement of knowledge by making it more reliable, more efficient and accurate, better understandable by society and responsive to societal challenges. Provisions should be laid down to ensure that beneficiaries provide open access to peerreviewed scientific publications, research data and other research outputs in an open and nondiscriminatory manner, free of charge and as early as possible in the dissemination process, and to enable their widest possible use and re-use.. Likewise it should be ensured that beneficiaries provide open access to research data following the principle "as open as possible, as closed as necessary" and allowing exceptions for valid reasons relating to data protection rules and security interests as well as intellectual property rights, European Union global economic competitiveness and other legitimate interests. More emphasis should in particular be given to the responsible management of research data, which should comply with the

quality, impact and benefits of science and to accelerate the advancement of knowledge by making it more reliable, more efficient and accurate, better understandable by society and responsive to societal challenges. Provisions should be laid down to ensure that beneficiaries provide open access to peerreviewed scientific publications, research data and other research outputs in an open and nondiscriminatory manner, free of charge and as early as possible in the dissemination process, and to enable their widest possible use and re-use.. Likewise it should be ensured that beneficiaries provide open access to research data following the principle "as open as possible, as closed as necessary", while ensuring the possibility of exceptions taking into account the legitimate interests of the beneficiaries. More emphasis should in particular be given to the responsible management of research data, which should comply with the FAIR principles of 'Findability', 'Accessibility', 'Interoperability' and

'Reusability', notably through

		make use of the possibilities offered by the European Open Science Cloud and the European Data Infrastructure and adhere to further open science principles and practices. Reciprocal open access should be encouraged in international S&T cooperation agreements and in relevant association agreements.	FAIR principles of 'Findability', 'Accessibility', 'Interoperability' and 'Reusability', notably through the mainstreaming of Data Management Plans. Where appropriate, beneficiaries should make use of the possibilities offered by the European Open Science Cloud and adhere to further open science principles and practices.	the mainstreaming of Data Management Plans. Where appropriate, beneficiaries should make use of the possibilities offered by the European Open Science Cloud and the European Data Infrastructure and adhere to further open science principles and practices. Reciprocity in open science should be encouraged in all association and cooperation agreements with third countries.
15		(5 a) SME beneficiaries are encouraged to make use of the existing instruments such as IPR SME Helpdesk that supports European Union small and medium sized enterprises to both protect and enforce their Intellectual Property (IP) rights through the provision of free information and services, in the form of confidential advice on intellectual property and related issues, plus training, materials and online resources.		(5 a) Beneficiaries of the Programme, especially SMEs, are encouraged to make use of the relevant existing Union's instruments, such as the EU IP Helpdesk that supports SMEs and other participants to the Programme to both protect and enforce their Intellectual Property (IP) rights.
16	(6) The conception and design of the Programme should respond to the need for establishing a critical mass of supported activities, throughout the EU	(6) The conception and design of the Programme should respond to the need for establishing a critical mass of supported activities, throughout the Union	(6) The conception and design of the Programme should respond to the need for establishing a critical mass of supported activities, throughout the EU	(6) The conception and design of the Programme should respond to the need for establishing a critical mass of supported activities, throughout the Union

	Union and through international cooperation, in line with the UN Sustainable Development Goals (SDGs). Programme implementation should reinforce the pursuit of this aim.	and through international cooperation, while encouraging the participation of all Member States in the Programme, in line with the UN Sustainable Development Goals (SDGs) and the Paris Agreement. Programme implementation should reinforce the pursuit of this aim.	Union and through international cooperation, in line with the UN 2030 Agenda and its Sustainable Development Goals (SDGs). Programme implementation should reinforce the pursuit of this aim. these goals and the commitment of the EU and its Member States to implementing the 2030 Agenda	encouraging the excellence-based participation of all Member States,-and through international cooperation, in line with the UN 2030 Agenda, its Sustainable Development Goals (SDGs) and the Paris Agreement. Programme implementation should reinforce the pursuit of this aim. these
			and to achieving sustainable development in its three dimensions – economic, social and environmental – in a	goals and the commitment of the EU and its Member States to implementing the 2030 Agenda and to achieving
			coherent and integrated manner.	sustainable development in its three dimensions – economic, social and environmental – in a coherent and integrated
17	(7) Activities supported under the Programme should contribute towards the achievement of the Union's objectives and priorities, the monitoring and assessment of progress against those objectives and priorities and for the development of revised or new priorities.	(7) Activities supported under the Programme should contribute towards the achievement of the Union's <i>and the Programme's</i> objectives, priorities <i>and commitments</i> , the monitoring and assessment of progress against those objectives, priorities <i>and commitments</i> and for the development of revised or new priorities.	Unchanged	manner. (7) Activities supported under the Programme should contribute towards the achievement of the Union's objectives, priorities and international commitments.
18		(7 a) The Programme should seek alignment with already existing European research and		(7 a) The Programme should benefit from complementarity with existing relevant European research and innovation

	innovation roadmaps and		roadmaps and strategies, as well
	strategies.		as with important projects of
			common European interest
			(IPCEIs), where relevant,
			provided that related research
			and innovation needs are
			identified in the Programme's
			strategic planning.
18.a		(7a) The Programme shall	(7a.a.) The Programme should
10.α		ensure transparency and	ensure transparency and
		accountability of public	accountability of public
		funding in research and	funding in research and
		innovation projects, thereby	innovation projects, thereby
		preserving the public interest.	preserving the public interest.
18.b		(7b) The Programme should	(7b) The Programme should
10.0		support research and	support research and
		innovation activities in the field	
		-	innovation activities in the field
		of social sciences and	of social sciences and
		humanities (SSH). This entails	humanities (SSH). This entails
		advancing scientific knowledge	advancing scientific knowledge
		in this domain, but also making	in this domain, but also making
		use of insights and progress	use of insights and progress
		from SSH to increase the	from SSH to increase the
		economic and societal impact	economic and societal impact
		of the programme. Under the	of the programme. Under the
		Global Challenges and	Global Challenges and
		European Industrial	European Industrial
		Competitiveness, the social	Competitiveness, the SSH
		sciences and humanities will be	should be fully integrated
		<u>fully integrated across all</u>	across all clusters. Beyond the
		clusters. Beyond the promotion	promotion of SSH in projects,
		of SSH in projects, the	the integration of SSH should
		integration of social sciences	also be supported through the
		and humanities should also be	inclusion, whenever

supported through the appropriate, in expert inclusion, whenever committees and evaluation appropriate, in expert panels of independent experts committees and evaluation from fields in the SSH, and panels of independent experts timely monitoring and from fields in the social reporting of SSH in funded sciences and humanities, and research actions. In particular timely monitoring and the level of mainstreaming of SSH should be monitored reporting of social sciences and humanities in funded research across the Programme. actions. In particular the level of mainstreaming of SSH will be monitored across the Programme. (8) The Programme should The Programme should (8) The Programme should (8) The Programme should 19 maintain a balanced approach maintain a balanced approach maintain a balanced approach maintain a balanced approach between bottom-up (investigator between bottom-up (investigator between research and between research and or innovator driven) and topor innovator driven) and top-down innovation, as well as between innovation, as well as between bottom-up (investigator or down (determined by (determined by strategically bottom-up (investigator or strategically defined priorities) defined priorities) funding, innovator driven) and top-down innovator driven) and top-down funding, according to the nature according to the nature of the (determined by strategically (determined by strategically of the research and innovation research and innovation defined priorities) funding, defined priorities) funding, communities that are engaged, communities that are engaged according to the nature of the according to the nature of the the types and purpose of the across the Union, the success research and innovation research and innovation activities carried out and the communities that are engaged, communities that are engaged rates per area of intervention, the impacts that are sought. The mix types and purpose of the activities the types and purpose of the across the Union, the types and of these factors should determine carried out, the subsidiarity activities carried out and the purpose of the activities carried impacts that are sought. -The mix the choice of approach for the principle and the impacts that are out and the impacts that are respective parts of the sought. The mix of these factors of these factors should determine sought. The mix of these factors should determine the choice of should determine the choice of Programme, all of which the choice of approach for the contribute to all of the approach for the respective parts respective parts of the approach for the respective parts Programme's general and of the Programme, all of which Programme, all of which of the Programme, all of which specific objectives. contribute to all of the contribute to all of the contribute to all of the

19a	Programme's general and specific objectives. (8-a) The overall budget for the Widening participation and spreading excellence strand of the "Widening participation and strengthening the European Research Area" part of Horizon Europe should be at least 3.3% of the overall Horizon Europe budget. This budget should mainly benefit legal entities in the widening countries.	Programme's general and specific objectives.	Programme's general and specific objectives. (8-a) The overall budget for the "Widening participation and spreading excellence" strand of the "Widening participation and strengthening the European Research Area" part of Horizon Europe should be at least 3.3% of the overall Horizon Europe budget. This budget should mainly benefit legal entities in the widening countries.
19b	(8-b) Excellence Initiatives should aim to strengthen research and innovation excellence in the eligible countries, including for instance supporting training to improve R&I managerial skills, prizes, strengthening innovation ecosystems as well as the creation of R&I networks, including on the basis of research infrastructures financed by the EU. Applicants need to clearly show that projects are linked with national and/or regional R&I strategies to be able to apply for funding under the widening participation and spreading excellence of the 'Widening		(8-b) Excellence Initiatives should aim to strengthen research and innovation excellence in the eligible countries, including for instance supporting training to improve R&I managerial skills, prizes, strengthening innovation ecosystems as well as the creation of R&I networks, including on the basis of research infrastructures financed by the EU. Applicants need to clearly show that projects are linked with national and/or regional R&I strategies to be able to apply for funding under the "Widening participation and spreading

	participation and strengthening the European Research Area' part of Horizon Europe.		excellence" strand of the 'Widening participation and strengthening the European Research Area' part of Horizon Europe.
20	(8 a) A number of research and innovation actions should apply a Fast Track to Research and Innovation logic where time-to-grant should not exceed six months. This should allow a faster, bottom-up access to funds for small collaborative consortia covering actions from fundamental research to market application.		(8a) A Fast Track to Research and Innovation procedure, where time-to-grant should not exceed six months, may be applied to allow a faster, bottom-up access to funds for small collaborative consortia covering actions from fundamental research to market application.
20.a	(8 b) The Programme should support all stages of research and innovation especially within collaborative projects. Fundamental research is an essential asset and an important condition for increasing the Union's ability to attract the best scientists in order to become a global hub of excellence. The balance between basic and applied research should be ensured. Coupled with innovation, this will support the Union's economic competitiveness, growth and jobs.	(8a) The Programme should support all stages of research and innovation especially within collaborative projects, also in missions and partnerships as appropriate. Fundamental research is an essential asset and an important condition for increasing the Union's ability to attract the best scientists in order to become a global hub of excellence. The balance between basic and applied research should be ensured. Coupled with innovation, this will support the Union's	(8a.a) The Programme should support all stages of research and innovation especially within collaborative projects, also in missions and partnerships as appropriate. Fundamental research is an essential asset and an important condition for increasing the Union's ability to attract the best scientists in order to become a global hub of excellence. The balance between basic and applied research should be ensured. Coupled with innovation, this will support the Union's economic competitiveness, growth and jobs.

		economic competitiveness,	
		growth and jobs.	
21		(8b) Evidence shows that	(8b) Evidence shows that
		embracing diversity — in all	embracing diversity — in all
		senses — is key to doing good	senses — is key to doing good
		science, as science benefits	science, as science benefits
		from diversity. Diversity and	from diversity. Diversity and
		inclusiveness contribute to	<u>inclusiveness contribute to</u>
		excellence in collaborative	excellence in collaborative
		research and innovation:	research and innovation:
		collaboration across	collaboration across
		disciplines, sectors and	disciplines, sectors and
		throughout the European	throughout the European
		Research Area makes for	Research Area makes for
		better research and higher	better research and higher
		quality project proposals, can	quality project proposals, can
		lead to higher rates of societal	lead to higher rates of societal
		take-up, and can foster the	take-up, and can foster the
		benefits of innovation, thus	benefits of innovation, thus
		advancing Europe.	advancing Europe.
22	(8 c) In order to maximise the		(8 c) In order to maximise the
	impact of Horizon Europe		impact of Horizon Europe
	particular consideration should		particular consideration should
	be given to multidisciplinary,		be given to multidisciplinary,
	interdisciplinary and		interdisciplinary and
	transdisciplinary approaches as		transdisciplinary approaches as
	necessary elements for major		key elements for major scientific
	scientific progress.		progress.
	scientific progress.		progress.
22a		(8c) A Fast Track to Research	Deleted
- <i>22</i> a		and Innovation procedure may	Deleten
		be applied to allow a faster,	
		bottom-up access to funds for	

		small collaborative consortia	
		covering actions from	
		<u>fundamental research to</u>	
		market application.	
23	(8 d) The engagement with		Deleted
	society is to be fostered through		
	responsible research and		
	innovation as a cross-cutting		
	element with a view to build		
	effective cooperation between		
	science and society. It would		
	allow all societal actors		
	(researchers, citizens, policy		
	makers, business, third sector		
	organisations etc.) to work		
	together during the whole		
	research and innovation process		
	in order to better align both the		
	process and its outcomes with the		
	values, needs and expectations of		
	European society.		
23.a		(8d) In order to maximise the	Deleted
		impact of Horizon Europe,	
		particular consideration should	
		be given to multidisciplinary,	
		interdisciplinary and	
		transdisciplinary approaches.	
23.b		(8e) In view of achieving the	Deleted
		objectives of this Programme	
		and whilst respecting the	
		principle of excellence, the	
		Programme should aim to	
		strengthen, among others,	
		<u>collaborative links in Europe,</u>	

			thought contributing to	
			thereby contributing to	
22			reducing the R&I divide. ⁴	
23.c			(8f) Excellence Initiatives	Deleted
			should aim to strengthen	
			research and innovation	
			excellence in the eligible	
			countries, including for	
			instance supporting training to	
			improve R&I managerial skills,	
			prizes, strengthening	
			innovation ecosystems as well	
			as the creation of R&I	
			networks, including on the	
			basis of research	
			infrastructures financed by the	
			EU. Applicants need to clearly	
			show that projects are linked	
			with national and/or regional	
			R&I strategies to be able to	
			apply for funding under the	
			"Widening participation and	
			sharing excellence" strand of	
			the "Widening participation	
			and strengthening the	
			European Research Area" part	
			of Horizon Europe. ⁵	
24	(9) Research activities carried	(9) Research activities carried	(9) Research activities carried out	(9) Research activities carried
2 4		` /	· /	out under the pillar
	out under the pillar 'Open Science' should be determined	out under the pillar "Excellent	under the pillar 'Open' Excellent Science' should be determined	*
		and Open Science' should be	1	'Open'Excellent Science' should
	according to the needs and	determined according to the needs	according to the needs and	be determined according to the
	opportunities of science . The	and opportunities of science. The	opportunities of science- <u>and</u>	needs and opportunities of

Part of the common understanding. Part of the common understanding. 5

	receased example should be set in	research agende should be set in	nuomata saiantifia avaallansa	science- and promote scientific
	research agenda should be set in close liaison with the scientific	research agenda should be set in close liaison with the scientific	The research agenda should be	
			set in close liaison with the	excellence. The research agenda should be set in close liaison
	community. Research should be	communityand include emphasis		
	funded on the basis of	on attracting new R&I talents,	scientific community. Research	with the scientific community.
	excellence.	young researchers, while	should be funded on the basis of	Research should be funded on
		strengthening the ERA and	excellence. and include	the basis of excellence. and
		avoiding brain drain. Research	emphasis on attracting new	include emphasis on attracting
		should be funded on the basis of	R&I talents, early stage	new R&I talents, early stage
		excellence.	researchers, while	<u>researchers, while</u>
			strengthening the ERA,	strengthening the ERA,
			avoiding brain drain and	avoiding brain drain and
			promoting brain circulation.	promoting brain circulation.
24.a			(9a) The Programme should	(9a) The Programme should
			support the Union and its	support the Union and its
			Member States to take into	Member States in attracting
			account the reality of very	best talents and skills, taking
			intense international	into account the reality of very
			competition for attracting best	intense international competition.
			brains and skills.	1
25	(10) The pillar 'Global	(10) The pillar 'Global	(10) The pillar 'Global	(10) The pillar 'Global
	Challenges and Industrial	Challenges and <i>European</i>	Challenges and European	Challenges and European
	Competitiveness' should be	Industrial Competitiveness' should	Industrial Competitiveness" '	Industrial Competitiveness'
	established through clusters of	be established through clusters of	should be established through	should be established through
	research and innovation	research and innovation activities,	clusters of research and	clusters of research and
	activities, in order to maximise	in order to maximise integration	innovation activities, in order to	innovation activities, in order to
	integration across the respective	across the respective work areas	maximise integration across the	maximise integration across the
	work areas while securing high	while securing high and	respective workthematic areas	respective workthematic areas
	and sustainable levels of impact	sustainable levels of impact <i>for</i>	while securing high and	while securing high and
	in relation to the resources that	the Union in relation to the	sustainable levels of excellence	sustainable levels of impact <i>for</i>
	are expended. It will encourage	resources that are expended. It	and impact in relation to the	the Union in relation to the
	cross-disciplinary, cross-sectoral,	will encourage cross-disciplinary,	resources that are expended. It	resources that are expended. It
	cross-policy and cross-border	cross-sectoral, cross-policy and	will encourage cross-	will encourage cross-
	collaboration in pursuit of the	cross-border collaboration in	disciplinary, cross-sectoral,	disciplinary, cross-sectoral,
	UN SDGs and the	pursuit of the UN SDGs and the		
	ON SDOS and the	pursuit of the ON SDOs and the	cross-policy and cross-border	cross-policy and cross-border

	competitiveness of the Union's	Union's commitments under the	collaboration in pursuit of the	collaboration in pursuit of the
	industries therein.	Paris Agreement and where	UN SDGs Sustainable	UN SDGs Sustainable
		needed to address societal	Development Goals by	Development Goals by
		challenges, and the	following the principles of the	following the principles of the
		competitiveness of the Union's	Agenda 2030, the Paris	Agenda 2030, the Paris
		industries therein. The activities	Agreement and the	Agreement and the
		under this pillar should cover the	competitiveness of the Union's	competitiveness of the Union's
		full range of research and	industries therein <u>The</u>	industries therein <u>The</u>
		innovation activities including	organisation of high-ambition,	organisation of high-ambition,
		R&D, piloting, demonstration,	wide-scale initiatives in the	wide-scale initiatives in the
		and support for public	form of research and	form of research and
		procurement, pre-normative	innovation missions will enable	innovation missions will enable
		research and standard setting,	the programme to achieve a	the programme to achieve a
		and market uptake of innovations	transformative and systemic	transformative and systemic
		to ensure that Europe stays at the	impact for society in support of	impact for society in support of
		cutting-edge of research in	the Sustainable Development	the Sustainable Development
		strategically defined priorities.	Goals, also through	Goals, also through
			international cooperation and	international cooperation and
			science diplomacy.	science diplomacy. The
				activities under this pillar
				should cover the full range of
				research and innovation
				activities to ensure that Europe
				stays at the cutting-edge in
				strategically defined priorities.
25.a				(10a) The cluster 'Culture,
				Creativity and Inclusive
				Society' should contribute
				substantially to the research on
				cultural and creative sectors,
				including to the Union's
				cultural heritage, and in
				particular allowing the
				establishment of a European

				cultural heritage collaborative
				space.
26	(11) Full engagement of industry	(11) Full <i>and timely</i> engagement	(11) Full and timely engagement	(11) Full and timely engagement
	in the Programme, at all levels	of industry in the Programme, at	of industry in the Programme,	of <u>all types of</u> industry in the
	from the individual entrepreneur	all levels from the individual	atof all levelstypes from the	Programme, at all levels from the
	and small and medium-sized	entrepreneur and small and	individual entrepreneur and small	individual entrepreneur and small
	enterprises to large scale	medium-sized enterprises to large	and medium-sized enterprises to	and medium-sized enterprises to
	enterprises, should constitute one	scale enterprises, should <i>continue</i>	large scale enterprises, should	large scale enterprises, should
	of the main channels through	specifically towards the	constitute one of the main	substantially contribute to the
	which the Programme's	creation of sustainable jobs and	channels through which the	realisation of constitute one of
	objectives are to be realised,	growth.	Programme's objectives are to be	the main channels through which
	specifically towards the creation	_	realised, specifically towards the	the Programme's objectives are
	of sustainable jobs and growth.		creation of sustainable jobs and	to be realised, specifically
	Industry should contribute to the		growth. Industry should	towards the creation of
	perspectives and priorities		contribute to the perspectives and	sustainable jobs and growth <i>in</i>
	established through the strategic		priorities established through the	the Union. Industry should
	planning process which should		strategic planning process which	contribute to the perspectives and
	support the development of work		should support the development	priorities established through the
	programmes. Such engagement		of work programmes. Such	strategic planning process which
	by industry should see its		engagement by industry should	should support the development
	participation in the actions		see its participation in the actions	of work programmes. Such
	supported at levels at least		supported at levels at least	engagement by industry should
	commensurate with those under		commensurate with those under	see its participation in the actions
	the previous framework		the previous framework	supported at levels at least
	programme Horizon 2020		programme Horizon 2020	commensurate with those under
	established by Regulation (EU)		established by Regulation (EU)	the previous framework
	No 1291/2013 of the European		No 1291/2013 of the European	programme Horizon 2020
	Parliament and the Council ⁶			established by Regulation (EU)
	('Horizon 2020').			No 1291/2013 of the European

Regulation (EU) No 1291/2013 of the European Parliament and of the Council of 11 December 2013 establishing Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020) and repealing Decision No 1982/2006/EC, (OJ L 347, 20.12.2013, p.104).

			Parliament and the Council ⁷	Parliament and the Council ⁸
27	N/A	N/A	('Horizon 2020'). N/A	('Horizon 2020'). N/A
27.a	IVA	IVA	(11a) The Programme's actions	(11a) The Programme's actions
27.4			should provide important	should provide important
			contributions to unlock the	contributions to unlock the
			potential of Europe's strategic	potential of Europe's strategic
			sectors, including Key	sectors, including Key
			Enabling Technologies	Enabling Technologies
			reflecting the EU Industrial	reflecting the EU Industrial
			Policy Strategy objectives ⁹ .	Policy Strategy objectives ¹⁰ .
27.b			(11b) Multi-stakeholders	(11b) Multi-stakeholders
			consultations, including civil	consultations, including civil
			society and industry, should	society and industry, should
			contribute to the perspectives	contribute to the perspectives
			and priorities established	and priorities established
			through the strategic planning	through the strategic planning
			process. This should result in	process. This should result in
			periodic Strategic R&I Plans	periodic Strategic R&I Plans
			adopted by means of	adopted by means of
			implementing acts for	implementing acts for
			preparing the content of work	preparing the content of work
27 -			programmes.	programmes.
27.c			(11c) The work programme	(11c) The work programme
			should take into account the	should take into account the

Regulation (EU) No 1291/2013 of the European Parliament and of the Council of 11 December 2013 establishing Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020) and repealing Decision No 1982/2006/EC, (OJ L 347, 20.12.2013, p.104).

Regulation (EU) No 1291/2013 of the European Parliament and of the Council of 11 December 2013 establishing Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020) and repealing Decision No 1982/2006/EC, (OJ L 347, 20.12.2013, p.104).

outcome of specific previous outcome of specific previous projects and the state of projects and the state of science, technology and science, technology and innovation at national, Union innovation at national, Union and international level and of and international level and of relevant policy, market and relevant policy, market and societal developments, for a societal developments, for a particular action to be funded. particular action to be funded. 28 (12) It is important to support (12) It is important to support *the* (12) It is important to support (12) It is important to support industry to stay or become world *Union's* industry to stay or **the Union's** industry to stay or **the Union's** industry to stay or leader in innovation, digitisation become world leader in become world leader in become world leader in and decarbonisation, notably innovation, digitisation and innovation, digitisation and innovation, digitisation and decarbonisation climate through investments in key decarbonisation, notably through decarbonisationclimate enabling technologies that will investments in key enabling neutrality, notably through **neutrality**, notably through underpin tomorrow's business. technologies that will underpin investments in key enabling investments in key enabling The Programme's actions should tomorrow's business. Key technologies that will underpin technologies that will underpin be used to address market. Enabling Technologies (KETs) tomorrow's business. The tomorrow's business. The Programme's actions should be Programme's actions should be failures or sub-optimal are set to play a central role in investment situations, in a Pillar II 'Global Challenges and used to address market failures or used to address market failures or proportionate manner, without European Industrial sub-optimal investment sub-optimal investment duplicating or crowding out Competitiveness' and should be situations, to boost investments situations, to boost investments private financing and have a in a proportionate and in a proportionate and further connected to the Future clear European added value. This and Emerging Technologies transparent manner, without transparent manner, without will ensure consistency between (FET) Flagships to allow duplicating or crowding out duplicating or crowding out the actions of the programme and private financing and have a research projects to cover the private financing and have a EU State aid rules, avoiding whole innovation chain. The clear European added value and clear European added value and undue distortions of competition public return on investments. public return on investments. Programme's actions should in the internal market. This will ensure consistency This will ensure consistency reflect the Union's Industrial Policy Strategy so as to address between the actions of the between the actions of the market failures or sub-optimal programme and EU State aid programme and EU State aid rules, avoiding undue distortions investment situations, to boost rules, in order to incentivise of competition in the internal innovation and to avoiding *investments* in a proportionate and transparent manner, without market. undue distortions of competition duplicating or crowding out in the internal market.

29	N/A	private financing and have a clear European added value <i>and public return on investments</i> . This will ensure consistency between the actions of the programme and EU <i>RDI</i> State aid rules, <i>which should be revised in order to incentivise innovation</i> . N/A	N/A	N/A
30	(13) The Programme should	(13) The Programme should	(13) The Programme should	(13) The Programme should
	support research and innovation	support research and innovation in	support research and innovation	support research and innovation
	in an integrated manner,	an integrated manner, respecting	in an integrated manner,	in an integrated manner,
	respecting all relevant provisions	all relevant provisions of the	respecting all relevant provisions	respecting all relevant provisions
	of the World Trade Organisation.	World Trade Organisation. The	of the World Trade Organisation.	of the World Trade Organisation.
	The concept of research,	concept of research, including	The concept of research,	The concept of research,
	including experimental	experimental development should	including experimental	including experimental
	development should be used in	be used in accordance with the	development should be used in	development should be used in
	accordance with the Frascati	Frascati Manual developed by the	accordance with the Frascati	accordance with the Frascati
	Manual developed by the OECD,	OECD, whereas the concept of	Manual developed by the OECD,	Manual developed by the OECD,
	whereas the concept of	innovation should be used in	whereas the concept of	whereas the concept of
	innovation should be used in	accordance with the Oslo Manual	innovation should be used in	innovation should be used in
	accordance with the Oslo Manual	developed by the OECD and	accordance with the Oslo Manual	accordance with the Oslo Manual
	developed by the OECD and	Eurostat, following a broad	developed by the OECD and	developed by the OECD and
	Eurostat, following a broad	approach that covers social	Eurostat, following a broad	Eurostat, following a broad
	approach that covers social	innovation, design and creativity.	approach that covers social	approach that covers social
	innovation. The OECD	The OECD definitions regarding	innovation. The OECD	innovation <i>and design</i> . The
	definitions regarding	Technological Readiness Level	definitions regarding	OECD definitions regarding
	Technological Readiness Level (TRL) should continue, as in the	(TRL) should be taken into	Technological Readiness Level (TRL) should continue, as in the	Technological Readiness Level (TRL) should continue, as in the
	` '	account, as in the previous	previous Framework Programme	` '
	previous Framework Programme Horizon 2020, to be taken into	Framework Programme Horizon 2020 . The work programme for	Horizon 2020, to be taken into	previous Framework Programme Horizon 2020, to be taken into
	account in the classification of	a given call under the pillar	account in the classification of	account in the classification of
	technological research, product	'Global Challenges and Industrial	technological research, product	technological research, product
	development and demonstration	European Competitiveness' could	development and demonstration	development and demonstration
	development and demonstration	Laropean Compenitiveness could	development and demonstration	development and demonstration

	activities, and the definition of types of action available in calls for proposals. In principle grants should not be awarded for actions where activities go above TRL 8. The work programme for a given call under the pillar 'Global Challenges and Industrial Competitiveness' could allow grants for large-scale product validation and market replication.	allow grants for large-scale product validation and market replication.	activities, and <u>in</u> the definition of types of action available in calls for proposals. In principle grants Grants should not be awarded for actions where activities go above TRL 8. The work programme for a given call under the pillar 'Global Challenges and European Industrial Competitiveness' could allow grants for large-scale product validation and market replication.	activities, and in the definition of types of action available in calls for proposals. In principle grants Grants should not be awarded for actions where activities go above TRL 8. The work programme for a given call under the pillar 'Global Challenges and European Industrial Competitiveness' could allow grants for large-scale product validation and market replication.
30.a			(13a) Without prejudice to the overall MFF negotiations, Horizon Europe will contribute to space objectives at a level of spending that is at least commensurate proportionally with that under the previous framework programme Horizon 2020 established by Regulation (EU) No 1291/2013 of the European Parliament and the Council.	(13a) The Programme should contribute to space objectives at a level of spending that is at least commensurate proportionally with that under the previous framework programme Horizon 2020 established by Regulation (EU) No 1291/2013 of the European Parliament and the Council.
31	(14) The Commission's Communication on the interim evaluation of Horizon 2020 (COM(2018) 2 final) has provided a set of recommendations for this Programme, including its Rules	(14) The Commission's Communication on the interim evaluation of Horizon 2020 (COM(2018) 2 final) and the European Parliament's report on the assessment of the implementation of Horizon 2020	(14) The Commission's Communication on the interim evaluation of Horizon 2020 (COM(2018)2-final) has), the European Parliament's report on the assessment of the implementation of Horizon	(14) The Commission's Communication on the interim evaluation of Horizon 2020 (COM(2018)-2-final) has), the European Parliament's report on the assessment of the implementation of Horizon

for participation and dissemination, building on the lessons learnt from the previous Programme as well as input from EU institutions and stakeholders. Those recommendations include to invest more ambitiously in order to reach critical mass and maximise impact; to support breakthrough innovation; to prioritise Union research and innovation (R&I) investments in areas of high added value, notably through missionorientation, citizen involvement and wide communication: to rationalise the Union funding landscape, including by streamlining the range of partnership initiatives and cofunding schemes; the development of more and concrete synergies between different Union funding instruments, notably with the aim of helping to mobilise underexploited R&I potential across the Union; to strengthen international cooperation and reinforce openness to third countries' participation; and to continue simplification based on implementation experiences from Horizon 2020.

in view of its interim evaluation and the Framework Programme 9 proposal (2016/2147(INI)) have provided a set of recommendations for this Programme, including its Rules for participation and dissemination, building on the lessons learnt from the previous Programme as well as input from EU institutions and stakeholders. Those recommendations include to invest more ambitiously in order to reach critical mass and maximise impact; to support breakthrough innovation; to prioritise Union research and innovation (R&I) investments in areas of high added value, notably through mission-orientation, full, well-informed and timely citizen involvement and wide communication; to rationalise the Union funding landscape, *in order* to fully use the R&I potential of all Member States including by streamlining the range of partnership initiatives and cofunding schemes; the development of more and concrete synergies between different Union funding instruments, notably with the aim of helping to mobilise under-exploited R&I potential

2020 in view of its interim evaluation and the Framework Programme 9 proposal (2016/2147(INI)) and the **Council Conclusions on "From Interim Evaluation of Horizon** 2020 towards the ninth Framework Programme" have provided a set of recommendations for this Programme, including its Rules for participation and dissemination, building on the lessons learnt from the previous Programme as well as input from EU institutions and stakeholders. Those recommendations include to propose measures to promote brain circulation and facilitate openness of R&I **networks to** invest more ambitiously in order to reach critical mass and maximise impact;- to support breakthrough innovation; to prioritise Union research and innovation (R&I) investments in areas of high added value, notably through mission-orientation, full, wellinformed and timely citizen involvement and wide communication: to rationalise the Union funding landscape in order to fully use the R&I

2020 in view of its interim evaluation and the Framework Programme 9 proposal (2016/2147(INI)) and the **Council Conclusions on "From Interim Evaluation of Horizon** 2020 towards the ninth Framework Programme" have provided a set of recommendations for this Programme, including its Rules for participation and dissemination, building on the lessons learnt from the previous Programme as well as input from EU institutions and stakeholders. Those recommendations include to propose measures to promote brain circulation and facilitate openness of R&I **networks to** invest more ambitiously in order to reach critical mass and maximise impact;- to support breakthrough innovation; to prioritise Union research and innovation (R&I) investments in areas of high added value, notably through mission-orientation, full, wellinformed and timely citizen involvement and wide communication: to rationalise the Union funding landscape in order to fully use the R&I

across the Union; to better involve potential of the Union. potential including research including by streamlining the research infrastructures financed infrastructures across the range of partnership initiatives Union, inter alia by streamlining by the Union - especially from ERDF - into the Programme's and co-funding schemes; the the range of partnership projects, to strengthen development of more and initiatives and co-funding international cooperation and concrete synergies between schemes: the development of reinforce openness to third different Union funding more and concrete synergies countries' participation while instruments, notably by between different Union funding overcoming nonsafeguarding the Union interest instruments, notably by and broadening the participation complementary intervention overcoming nonof all Member States in the logics and complexity of the complementary intervention Programme; and to continue logics and complexity of the various funding and also with simplification based on the aim of helping to mobilise various funding and also with implementation experiences from under-exploited R&I potential the aim of helping to mobilise Horizon 2020. across the Union; to strengthen under-exploited R&I potential international cooperation and across the Union; to strengthen reinforce openness to third international cooperation and countries' participation; and to reinforce openness to third continue simplification based on countries' participation; and to implementation experiences from continue simplification based on implementation experiences from Horizon 2020. Horizon 2020. 32 (15) The Programme should seek (15) Cohesion policy should (15) The Programme should (15) Given the special attention synergies with other Union continue to contribute to seek synergies with other Union that needs to be paid to the programmes, from their design programmes, from their design research and innovation. coordination and and strategic planning, to project Therefore, special attention and strategic planning, to project complementarity between selection, management, selection, management, needs to be paid to the different *Union policies*, the communication, dissemination coordination and communication, dissemination Programme should seek and exploitation of results, to and exploitation of results, to synergies with other Union complementarity between the two monitoring, auditing and *Union policies.* The Programme monitoring, auditing and programmes, from their design governance. With a view to should seek *alignment of rules* governance. Regarding funding and strategic planning, to project avoiding overlaps and and synergies with other Union for R&I activities, synergies selection, management, duplication and increasing the programmes as referred to in should allow for harmonization communication, dissemination leverage of Union funding, Annex IV to this Regulation, of cost eligibility rules as much and exploitation of results, to

transfers from other Union programmes to Horizon Europe activities can take place. In such cases they will follow Horizon Europe rules. from their design and strategic planning, to project selection, management, communication, dissemination and exploitation of results, to monitoring, auditing and governance. With a view to avoiding overlaps and duplication and increasing the leverage of Union funding, as well as decreasing administrative burden for the applicants and the beneficiaries, all types of synergies should follow the principle "one action follows one set of rules":

- transfers from other Union programmes including the European Regional Development Fund (ERDF), to Horizon Europe activities can take place on a voluntary basis. In such cases they will follow Horizon Europe rules, but they will be used only for the benefit of the Member State or managing authority, as relevant, deciding to make the transfer;
- co-funding of an action by Horizon Europe and another Union programme could also be foreseen while not exceeding the total eligible costs of the action. In such cases, only Horizon

as possible. With a view to avoiding overlaps and duplication and increasing the leverage of Union funding, transfers from other Union programmes to Horizon Europe activities can take place. In such cases theysuch funds will follow Horizon Europe rules.

monitoring, auditing and governance. Regarding funding for R&I activities, synergies should allow for harmonization of rules, including cost eligibility rules, as much as **possible.** With a view to avoiding overlaps and duplication and increasing the leverage of Union funding, as well as decreasing administrative burden for the applicants and the beneficiaries, synergies may be promoted in particular by alternative, combined, cumulative funding and transfers of resources.

		Europe rules would apply and double audits should be avoided; - Seals of Excellence should be awarded to all proposals which have passed the "excellence" threshold in Horizon Europe but cannot be financed due to budgetary constraints. In such cases, the rules of the Fund providing support should apply with the exception of state aid rules.		
32.a	(15a) In accordance with Regulation [European Union Recovery Instrument] and within the limits of resources allocated therein, recovery and resilience measures under this Programme should be carried out to address the unprecedented impact of the COVID-19 crisis. Such additional resources should be used in such a way as to ensure compliance with the time limits provided for in Regulation [ERI]		(15a) In accordance with Regulation [European Union Recovery Instrument] and within the limits of resources allocated therein, recovery and resilience measures under this Programme should be carried out to address the unprecedented impact of the COVID-19 crisis. Such additional resources should be used in such a way as to ensure compliance with the time limits provided for in Regulation [ERI]. Such additional resources should exclusively be allocated to actions for research and innovation directed at addressing the consequences of the COVID-19 crisis, notably its economic, social and societal impact.	(15a) In accordance with Regulation [European Union Recovery Instrument] and within the limits of resources allocated therein, recovery and resilience measures under this Programme should be carried out to address the unprecedented impact of the COVID-19 crisis. Such additional resources should be used in such a way as to ensure compliance with the time limits provided for in Regulation [ERI]. Such additional resources should exclusively be allocated to actions for research and innovation directed at addressing the consequences of the COVID-19 crisis, notably its economic, social and societal impact.

33	(16) In order to achieve the greatest possible impact of Union funding and the most effective contribution to the Union's policy objectives, the Programme should enter into European Partnerships with private and/or public sector partners. Such partners include industry, research organisations, bodies with a public service mission at local, regional, national or international level, and civil society organisations such as foundations that support and/or carry out research and innovation, provided that desired impacts can be achieved more effectively in partnership than by the Union alone.	(16) In order to achieve the greatest possible impact of Union funding and the most effective contribution to the Union's policy objectives and commitments, the Programme may enter into European Partnerships with private and/or public sector partners, on the basis of the outcome of the Strategic Planning. Such partners include public and private research and innovation stakeholders, competence centres, business incubators, science and technology parks, bodies with a public service foundations and civil society organisations and regional innovation ecosystems, where appropriate that support and/or carry out research and innovation, provided that desired impacts can be achieved more effectively in partnership than by the Union alone.	(16) In order to achieve the greatest possible impact of Union funding and the most effective contribution to the Union's policy objectives, the Programme Union should, where appropriate, enter into European Partnerships with private and/or public sector partners. Such partners include industry, universities, research organisations, bodies with a public service mission at local, regional, national or international level, andor civil society organisations such as including foundations and NGOs that support and/or carry out research and innovation, provided that desired impacts can be achieved more effectively in partnership than by the Union alone.	(16) In order to achieve the greatest possible impact of Union funding and the most effective contribution to the Union's policy objectives and commitments, the Programme Union may enter into European Partnerships with private and/or public sector partners. Such partners include industry, SMEs, universities, research organisations, R&I stakeholders, bodies with a public service mission at local, regional, national or international level, andor civil society organisations such as including foundations and NGOs that support and/or carry out research and innovation, provided that desired impacts can be achieved more effectively in partnership than by the Union alone.
33.a			(16a) It should be possible, that depending on the Member State's decision, the contributions from programmes co-financed by the European Regional Development Fund (ERDF), the European Social Fund+	(16a) It should be possible, that depending on the Member State's decision, the contributions from programmes co-financed by the European Regional Development Fund (ERDF), the European Social Fund+

(ESF+), the European (ESF+), the European **Maritime and Fisheries Fund Maritime and Fisheries Fund** (EMFF) and the European (EMFF) and the European **Agricultural Fund for Rural Agricultural Fund for Rural Development (EAFRD) are Development (EAFRD) are** considered as a contribution of considered as a contribution of the participating Member State the participating Member State for the purpose of Horizon to European Partnerships under **Europe.** However, this does not this Programme. However, this prejudge the need to comply does not prejudge the need to with all provisions applicable comply with all provisions to these contributions as set out applicable to these in the [new Common contributions as set out in the **[new Common Provisions** Provisions Regulation] and the fund-specific regulations and in Regulation] and the fundparticular the need to comply specific regulations. with provisions setting out the co-financing requirements and management and control systems. 34 (17) The Programme should (17) The Programme should (17) The Programme should (17) The Programme should strengthen cooperation between strengthen cooperation between strengthen cooperation between strengthen cooperation between European Partnerships and European Partnerships and private European Partnerships and European Partnerships and private and/or public sector private and/or public sector and/or public sector partners at the private and/or public sector partners at the international level international level including by partners at the international level partners at the international level including by joining up research joining up research and innovation including by joining up research including by joining up research and innovation programmes and programmes and cross-border and innovation programmes and and innovation programmes and cross-border investment in investment in research and cross-border investment in cross-border investment in research and innovation bringing innovation bringing mutual research and innovation bringing research and innovation bringing mutual benefits to people and benefits to people and businesses mutual benefits to people and mutual benefits to people and businesses while ensuring that while ensuring that the *Union* can businesses while ensuring that businesses while ensuring that the EU can uphold its interests in uphold its interests.⁵ the **EUUnion** can uphold its strategic areas. 14 interests in strategic areas.

14. See e.g. the Commission's proposal for a regulation establishing a framework for screening Foreign Direct Investment into the EU (COM (2017)487).	
framework for screening Foreign Direct Investment into the EU (COM	
Investment into the EU (COM	
35 (17 a) 'FET Flagships' have (17a) 'FET Flagships' have (17a) 'FET Flagships' have	agships' have
proven to be an effective and proven to be an effective and proven to be a	an effective and
efficient instrument, delivering efficient instrument, delivering efficient instrument	ument, delivering
benefits for society in a joint, benefits for society in a joint, benefits for so	ociety in a joint,
coordinated effort by the Union coordinated effort by the Union coordinated e	ffort by the
and its Member States. Activities and its Member States. Union and its	Member States.
	ried out within
Flagships on Graphene, the the FET Flagships on the FET Flags	
Human Brain Project and Graphene, the Human Brain Graphene, the	<u>e Human Brain</u>
Quantum Technology, which are Project and Quantum Project and Q	<u> Duantum</u>
supported under Horizon 2020, Technology, which are Technology, v	-
0 11	der Horizon 2020,
	being supported
	n Europe through
	osals included in
Preparatory actions supported the work programme. the work programme.	
	actions supported
	T Flagships part
	20 will feed the
Horizon Europe and inform the Strategic Planning process Strategic Plan	
work on missions, co-funded/co- under Horizon Europe and under Horizon	
	ork on missions,
regular calls for proposals. <u>co-funded/co-programmed</u> <u>co-funded/co-</u>	_
	and regular calls
<u>for proposals.</u> <u>for proposals.</u>	
36 (18) The Joint Research Centre (18) The Joint Research Cent	t Research Centre
(JRC) should continue to provide	continue to provide

See e.g. the Commission's proposal for a regulation establishing a framework for screening Foreign Direct Investment into the EU (COM (2017)487).

customer-driven scientific evidence and technical support throughout the whole policy cycle. The direct actions of the JRC should be implemented in a flexible, efficient and transparent manner, taking into account the relevant needs of the users of the JRC and the needs of Union policies, and ensuring the protection of the financial interests of the Union. The JRC should continue to generate additional resources.

Union policies with independent

Union policies with independent customer-driven scientific evidence and technical support throughout the whole policy cycle. The direct actions of the JRC should be implemented in a flexible, efficient and transparent manner, taking into account the relevant needs of the users of the JRC, the budgetary constraints and the needs of Union policies, and ensuring the protection of the financial interests of the Union. The JRC should continue to generate additional resources.

Union policies with independent customer-driven scientific evidence and technical support throughout the whole policy cycle. The direct actions of the JRC should be implemented in a flexible, efficient and transparent manner, taking into account the needs of Union policies and the relevant needs of the users of the JRC and the needs of Union policies, and ensuring the protection of the financial interests of the Union. The JRC should continue to generate additional resources.

Union policies with independent customer-driven scientific evidence and technical support throughout the whole policy cycle. The direct actions of the JRC should be implemented in a flexible, efficient and transparent manner, taking into account the needs of Union policies and the relevant needs of the users of the JRC and the needs of Union policies, and ensuring the protection of the financial interests of the Union. The JRC should continue to generate additional resources.

(19) The pillar 'Open Innovation' should establish a series of measures for integrated support to the needs of entrepreneurs and entrepreneurship aiming at realising and accelerating breakthrough innovation for rapid market growth. It should attract innovative companies with potential for scaling up at international and at Union level and offer fast, flexible grants and co-investments, including with private investors. These objectives should be pursued through the creation of a **European Innovation Council** (EIC). This Pillar should also

(19) The pillar 'Innovative *Europe*' should establish a series of measures for integrated support to the needs of entrepreneurs and research-driven entrepreneurship aiming at realising and accelerating breakthrough innovation for rapid market growth as well as promoting the Union's technological autonomy in strategic areas. It should attract innovative companies, including SMEs and start-ups, with potential for scaling up at international and at Union level and offer fast, flexible grants and co-investments, including with private investors. These objectives (19) The pillar 'Open **Innovation**''Innovative Europe' should establish a series of measures for integrated support to the needs of entrepreneurs and entrepreneurship aiming at realising and accelerating breakthrough innovation for rapid market growth. It should provide a "one-stop shop" to attract and support all types of innovators and innovative companies, such as SMEs, including start-ups and in exceptional cases small midcaps, with potential for scaling up at international and at Union level and offer fast, flexible

(19) The pillar 'Open **Innovation**''Innovative Europe' should establish a series of measures for integrated support to the needs of entrepreneurs and entrepreneurship aiming at realising and accelerating breakthrough innovation for rapid market growth as well as promoting the Union's strategic autonomy while preserving an open economy. It should provide a "one-stop shop" to attract and support all types of innovators and innovative companies, such as SMEs, including start-ups and in exceptional cases small mid-caps, with potential for

37

	support the European Institute of Innovation and Technology (EIT) and European innovation ecosystems at large, notably through co-funding partnerships with national and regional innovation support actors.	should be pursued through the creation of a European Innovation Council (EIC). This Pillar should also support the European Institute of Innovation and Technology (EIT)), the EIT Regional Innovation Scheme and European innovation ecosystems at large, throughout the Union, notably through co-funding partnerships with national and regional innovation support actors, both public and private.	grants and co-investments, including with private investors. These objectives should be pursued through the creation of a European Innovation Council (EIC). This Pillar should also support the European Institute of Innovation and Technology (EIT) and European innovation ecosystems at large, notably through co-funding partnerships with national and regional innovation support actors.	scaling up at international and at Union level and offer fast, flexible grants and co-investments, including with private investors. These objectives should be pursued through the creation of a European Innovation Council (EIC). This Pillar should also support the European Institute of Innovation and Technology (EIT) and European innovation ecosystems at large, notably through eo-funding partnerships with national and regional innovation support actors.
37.a			(19a) Within the meaning of this Regulation and in particular for the activities carried out under the EIC, a start-up is an SME in the early stage in its life cycle (including university spin-offs), which aims at innovative solutions and a scalable business model, and which is autonomous within the meaning of Article 3 of the Annex of Commission Recommendation 2003/361/EC ¹² ; and a 'mid-cap'	(19a) Within the meaning of this Regulation and in particular for the activities carried out under the EIC, a start-up is an SME in the early stage in its life cycle (including university spin-offs), which aims at innovative solutions and a scalable business model, and which is autonomous within the meaning of Article 3 of the Annex of Commission Recommendation

¹² Commission Recommendation 2003/361/EC of 6 May 2003 concerning the definition of micro, small and medium-sized enterprises (OJ L 124, 20.5.2003, p. 36).

			means a company that is not a	2003/361/EC ¹³ ; and a 'mid-cap'
			micro, small- and medium-	means a company that is not a
			sized enterprise as defined in	micro, small- and medium-
			Commission Recommendation	sized enterprise as defined in
			2003/361/EC and that has a	Commission Recommendation
			number of employees between	2003/361/EC and that has a
			250 and 3000 where the staff	number of employees between
			headcount is calculated in	250 and 3000 where the staff
			accordance with Articles 3, 4,	headcount is calculated in
			5, and 6 of Title I of the Annex	accordance with Articles 3, 4,
			of that Recommendation; a	5, and 6 of Title I of the Annex
			small mid-cap is a mid-cap that	of that Recommendation; a
			has a number of employees up	small mid-cap is a mid-cap that
			to 499.	has a number of employees up
				to 499.
38	(20) The policy objectives of this	(20) In order to address the need	(20) The policy objectives of	(20) The policy objectives of
	Programme will be also	to support investment in higher-	this Programme will be also	this Programme will be also
	addressed through financial	risk and non-linear activities	addressed through financial	addressed through financial
	instruments and budgetary	such as research and innovation,	instruments and budgetary	instruments and budgetary
	guarantee under the policy	it is essential that Horizon	guarantee under the policy	guarantee of the InvestEU
	windows of the InvestEU Fund.	Europe, in particular the EIC, as	windows of the InvestEU Fund.	Fund, thereby promoting
	Financial support should be used	well as the EIT with its KICs,	Financial support should be used	synergies between the two
	to address market failures or sub-	work in synergy with the	to address market failures or sub-	programmes.
	optimal investment situations, in	financial products to be deployed	optimal investment situations, in	
	a proportionate manner and	under InvestEU. In that regard,	a proportionate manner and	
	actions should not duplicate or	the experience gained from the	actions should not duplicate or	
	crowd out private financing or	financial instruments deployed	crowd out private financing or	
	distort competition in the Internal	under Horizon 2020 such as	distort competition in the Internal	
	market. Actions should have a	InnovFin and the loan guarantee	market. Actions should have a	
	clear European added value.	for SMEs, should serve as a	clear European added value of the	
		strong basis to deliver this	InvestEU Fund, notably the	

Commission Recommendation 2003/361/EC of 6 May 2003 concerning the definition of micro, small and medium-sized enterprises (OJ L 124, 20.5.2003, p. 36).

		targeted support EIC should	Research, Innovation and	
		develop strategic intelligence and	Digitalisation as well as the	
		real time evaluation activities in	SMEs policy windows.	
		order to timely manage and	<u> </u>	
		coordinate its various actions.		
39	(21) The EIC through its	(21) The EIC, together with	(21) The EIC, together with	(21) The EIC, together with
	instruments – Pathfinder and	other parts of the Horizon	other parts of the Horizon	other parts of the Horizon
	Accelerator – should aim at	Europe, should stimulate all	Europe, should stimulate all	Europe, should stimulate all
	identifying, developing and	forms of innovation ranging	forms of innovation ranging	forms of innovation ranging
	deploying breakthrough market	from incremental to	from incremental to	from incremental to
	creating innovations and	breakthrough and disruptive	breakthrough and disruptive	breakthrough and disruptive
	supporting their rapid scale-up to	innovation targeting especially	innovation targeting especially	innovation targeting especially
	EU and international levels.	market-creating innovation. The	market-creating innovation.	market-creating innovation.
	Through coherent and	EIC through its instruments –	The EIC through its instruments	The EIC through its instruments
	<u> </u>	Pathfinder and Accelerator –	Pathfinder and Accelerator –	Pathfinder and Accelerator –
	streamlined support to			
	breakthrough innovation the EIC should fill the current vacuum in	should aim to identify, develop	should aim at identifying,	should aim at identifying,
		and deploy high risk innovations	developing and deploying	developing and deploying
	public support and private	of all kinds including	breakthrough market creating to	breakthrough market creating to
	investment for breakthrough	incremental with a main focus on	identify, develop and deploy	identify, develop and deploy
	innovation. The instruments of	breakthrough, disruptive and	high risk innovations and	high risk innovations and
	the EIC call for dedicated legal	deep-tech innovations that have	supporting their rapid scale-up to	supporting their rapid scale-up to
	and management features in	the potential to become market-	EUof all kinds including	EUof all kinds including
	order to reflect its objectives, in	creating-innovations. Through	incremental with a main focus	incremental with a main focus
	particular market deployment	coherent and streamlined support,	on breakthrough, disruptive	on breakthrough, disruptive
	activities.	the EIC should fill the current	and international levels.deep-	and international levels. deep-
		vacuum in public support and	tech innovations that have the	tech innovations that have the
		private investment for	potential to become market-	potential to become market-
		breakthrough innovation. The	creating innovations. Through	creating innovations. Through
		instruments of the EIC call for	coherent and streamlined support	coherent and streamlined support
		dedicated legal and management	to breakthrough innovation, the	to breakthrough innovation, the
		features in order to reflect its	EIC should fill the current	EIC should fill the current
		objectives, in particular market	vacuum in public support and	vacuum in public support and
		deployment activities.	private investment for	private investment for
			breakthrough innovation. The	breakthrough innovation. The

	 ,		,
		instruments of the EIC call for	instruments of the EIC call for
		dedicated legal and management	dedicated legal and management
		features in order to reflect its	features in order to reflect its
		objectives, in particular market	objectives, in particular market
		deployment activities.	deployment activities.
39.a	(21a) Within the meaning of this	1 2	Deleted
	Regulation and in particular for		
	the activities carried out under		
	the EIC, a start-up is an SME in		
	the early stage in its life cycle		
	(including university spin-		
	offs), which aims at innovative		
	solutions and a scalable business		
	model, and which is autonomous		
	within the meaning of Article 3		
	of the Annex of Commission		
	Recommendation 2003/361/EC ¹⁴ ;		
	,		
	and a 'mid-cap' is a company		
	that is not a micro, small- and		
	medium-sized enterprise as		
	defined in Commission		
	Recommendation 2003/361/EC		
	and that has a number of		
	employees between 250 and 3000		
	where the staff headcount is		
	calculated in accordance with		
	Articles 3, 4, 5, and 6 of Title I of		
	the Annex of that		
	Recommendation; a small mid-		
	cap is a mid-cap that has a		
	number of employees up to 499.		

¹⁴ Commission Recommendation 2003/361/EC of 6 May 2003 concerning the definition of micro, small and medium-sized enterprises (OJ L 124, 20.5.2003, p. 36).

40	(22) Through EIC blended	(22) Through EIC blended	(22) Through The EIC blended	(22) Through The EIC blended
	finance, the Accelerator should	finance, the <i>EIC</i> Accelerator	finance, the Accelerator	finance, the Accelerator
	bridge the "valley of death"	should bridge the "valley of	shouldwill bridge the "valley of	shouldwill bridge the "valley of
	between research, pre-mass	death" between research, pre-mass	death" between research, pre-	death" between research, pre-
	commercialisation and the	commercialisation and the	mass commercialisation and the	mass commercialisation and the
	scaling-up of companies. In	scaling-up of companies. In	scaling-up of companies. In	scaling-up of companies. In
	particular, the Accelerator should	particular, the Accelerator should	particular, the The Accelerator	particular, the The Accelerator
	provide support to operations	provide support to operations	shouldwill provide support to	shouldwill provide support to
	presenting such technological or	presenting such technological or	<u>high-potential</u> operations	<u>high-potential</u> operations
	market risks that they are not	market risks that they are not	presenting such technological	presenting such technological
	considered as bankable and	considered as bankable and cannot	/scientific, financial,	/scientific, financial,
	cannot leverage significant	leverage significant investments	management and/or market	management and/or market
	investments from the market,	from the market, hence	risks that they are not yet	risks that they are not <u>vet</u>
	hence complementing the	complementing the InvestEU	considered as bankable and	considered as bankable and
	InvestEU programme established	programme established by	therefore cannot leverage	therefore cannot leverage raise
	by Regulation ¹⁵	Regulation ¹	significant investments from the	significant investments from the
			market, hence complementing	market, hence complementing
	15.	1. Regulation (EU) 294/2008 of the	the InvestEU programme	the InvestEU programme
		European Parliament and of the Council of 11 March 2008 (OJ L97/1,	established by Regulation 15	established by Regulation ¹⁶
		9.4.2008), as amended by Regulation	which will support innovative	which will support innovative
		(EU) 1292/2013 of the European	but bankable projects and	but bankable projects and
		Parliament and of the Council of 11	entities.	entities.
		December 2013 (OJ L347/174,		
40.a		20.12.2013.	(22a) In close synergy with	(22a) In close synergy with
40.a			InvestEU, the EIC Accelerator,	InvestEU, the EIC Accelerator,
			in its blended finance and	in its blended finance and
			equity financial support forms,	equity financial support forms,
			should finance SMEs,	should finance SMEs,
			including start-ups, and, in	including start-ups, and, in
			exceptional cases, projects run	exceptional cases, projects run
			by small mid-caps, which are	by small mid-caps, which are
			by sman mu-caps, which are	by sman mu-caps, which are

			sither not vet able to generate	sither not vetable to generate
			either not yet able to generate	either not yet able to generate
			revenues, or not yet profitable,	revenues, or not yet profitable,
			or not yet able to attract	or not yet able to attract
			sufficient investments to	sufficient investments to
			implement fully their projects'	implement fully their projects'
			business plan. Such eligible	business plan. Such eligible
			entities will be considered as	entities will be considered as
			non-bankable, while a part of	non-bankable, while a part of
			their investment needs could	their investment needs could
			have been or could be provided	have been or could be provided
			by one or several investors	by one or several investors
			such as a private or public	such as a private or public
			bank, a family office, a venture	bank, a family office, a venture
			capital fund, a business angel,	capital fund, a business angel,
			etc. In this way, overcoming a	etc. In this way, overcoming a
			market failure, the EIC	market failure, the EIC
			Accelerator will finance	Accelerator will finance
			promising but not yet bankable	promising but not yet bankable
			entities carrying out	entities carrying out
			breakthrough market creating	breakthrough market creating
			innovation projects. Once they	innovation projects. Once they
			will become bankable, those	will become bankable, those
			projects may, in a later stage of	projects may, in a later stage of
			their development, be financed	their development, be financed
			under InvestEU.	under InvestEU.
40.a.a	N/A	N/A	N/A	N/A
40.b		(22b) While blended finance	(22b) While blended finance	(22b) While blended finance
		should be the main use of the	should be the main use of the	should be the main use of the
		EIC Accelerator budget, for the	EIC Accelerator budget, for	EIC Accelerator budget, for
		purpose of article 43, the grant-	the purpose of article 43, the	the purpose of article 43, the
		only support of the EIC	grant-only support of the EIC	grant-only support of the EIC
		Accelerator to SMEs, including	Accelerator to SMEs, including	Accelerator to SMEs, including
		start-ups, should correspond to	start-ups, should correspond to	start-ups, should correspond to
		that under the SME instrument	that under the SME instrument	that under the SME
	1			

	budget of the previous Framework Programme Horizon 2020 established by Regulation (EU) No1291/2013 of the European Parliament and the Council ¹⁷ .	budget of the previous Framework Programme Horizon 2020 established by Regulation (EU) n° 1291/2013 of the European Parliament and the Council. ¹⁸	instrument budget of the previous Framework Programme Horizon 2020 established by Regulation (EU) n° 1291/2013 of the European Parliament and the Council. 19
40.c	(22c) In close synergy with InvestEU, the EIC Accelerator, in its blended finance and equity financial support forms, should finance SMEs, including startups, and, in exceptional cases, projects run by small mid-caps, which are either not yet able to generate revenues, or not yet profitable, or not yet able to attract sufficient investments to implement fully their projects' business plan. Such eligible entities will be considered as non-bankable, while a part of their investment needs could have been or could be provided by one or several investors such as a private or public bank, a		Deleted

The following Commission declaration is expected to be published in the OJ C series once the final text of the Regulation is adopted: "The implementation of the EIC Accelerator shall comply with the terms established in article 43.1 and recital [X] of the Horizon Europe Regulation".

A Commission declaration is expected to be published in the OJ C series once the final text of the Regulation is adopted.

[&]quot;The Commission intends to implement the EIC Accelerator budget in a way to ensure that the grant-only support to SMEs, including start-ups, corresponds to the support provided under the SME instrument budget of the Horizon 2020 Programme, in accordance with the terms established in Article 43, paragraph [X] and recital [22b] of the Horizon Europe Regulation".

		C 1 CC		
		family office, a venture capital		
		fund, a business angel, etc. In		
		this way, overcoming a market		
		failure, the EIC Accelerator will		
		finance promising but not yet		
		bankable entities carrying out		
		breakthrough market creating		
		innovation projects. Once they		
		will become bankable, those		
		projects may, in a later stage of		
		their development, be financed		
		under InvestEU.		
41	(23) The EIT, primarily through	(23) The EIT, primarily through	(23) The EIT, primarily through	(23) The EIT, primarily through
	its Knowledge and Innovation	its Knowledge and Innovation	its Knowledge and Innovation	its Knowledge and Innovation
	Communities (KICs), should aim	Communities (KICs) and the EIT	Communities (KICs), should aim	Communities (KICs) and by
	at strengthening innovation	Regional Innovation Scheme	at strengthening innovation	expanding the EIT Regional
	ecosystems that tackle global	should aim at strengthening	ecosystems that tackle global	Innovation Scheme , should aim
	challenges, by fostering the	innovation ecosystems <i>for the</i>	challenges, by fostering the	at strengthening innovation
	integration of business, research,	development of an overall Union	integration of innovation	ecosystems that tackle global
	higher education and	capacity for innovation that	business, research, higher	challenges, by fostering the
	entrepreneurship. The EIT	tackle global challenges, by	education and entrepreneurship.	integration of innovation
	should foster innovation in its	fostering the integration of	In line with its founding act,	business, research, higher
	activities and should support the	business, research, higher	the EIT Regulation and its	education and entrepreneurship.
	integration of higher education	education and entrepreneurship.	Strategic Research and	In line with the EIT Regulation
	within the innovation ecosystem,	In line with its founding act, the	Innovation Agenda, tThe EIT	and its Strategic Research and
	in particular by: stimulating	EIT Regulation ²⁰ and the	should foster innovation in its	Innovation Agenda, tThe EIT
	entrepreneurial education,	Strategic Innovation Agenda of	activities and should	should foster innovation in its
	fostering strong non-disciplinary	the EIT^{21} , the EIT should foster	significantly step up its support	activities and should
	collaborations between industry	innovation in its activities and	to the integration of higher	significantly step up its support
	· ·		education within the innovation	- 11
	and academia; and identifying	should support the integration of	education within the innovation	to the integration of higher

²⁰ Regulation (EC) No 294/2008 of the European Parliament and of the Council of 11 March 2008 (OJ L 97, 9.4.2008, p. 1), as amended by Regulation (EU) No 1292/2013 of the European Parliament and of the Council of 11 December 2013 (OJ L 347, 20.12.2013, p. 174). 21 Regulation (EU) of the European Parliament and of the Council.

prospective skills for future innovators to address global challenges, which includes advanced digital and innovation skills. Support schemes provided by the EIT should benefit to EIC beneficiaries, while start-ups emerging from EIT KICs should have access to EIC actions. While the EIT's focus on innovation ecosystems should make it naturally fit within the pillar 'Open Innovation', the planning of its KICs should be aligned through the strategic planning process with the pillar 'Global Challenges and Industrial Competitiveness'.

higher education within the innovation ecosystem, in particular by: stimulating entrepreneurial education. fostering strong non-disciplinary collaborations between industry and academia; and identifying prospective skills for future innovators to address global challenges, which includes advanced digital and innovation skills. Support schemes provided by the EIT should benefit to EIC beneficiaries, while start-ups emerging from EIT KICs should have fast-track access to EIC actions. While the EIT's focus on innovation ecosystems should make it naturally fit within the pillar 'Innovative Europe', it should also support all other pillars, as appropriate, the planning of its KICs should be aligned through the strategic planning process with the pillar 'Global Challenges and *European* Industrial Competitiveness'. Duplication between KICs and other instruments in the same field, in particular other Partnerships, should be avoided.

ecosystem, in particular by: stimulating entrepreneurial education, fostering strong nondisciplinary collaborations between industry and academia; and identifying prospective skills for future innovators to address global challenges, which includes advanced digital and innovation skills. Support schemes provided by the EIT should benefit to EIC beneficiaries, while start-ups emerging from EIT KICs should have access to EIC actions. While the EIT's focus on innovation ecosystems should make it naturally fit within the pillar 'Open-Innovative Europe', it should also support the other pillars, as appropriate the planning of its KICs should be aligned through the strategic planning process with the pillar 'Global Challenges and Industrial Competitiveness'.

education within the innovation ecosystem, in particular by: stimulating entrepreneurial education, fostering strong nondisciplinary collaborations between industry and academia; and identifying prospective skills for future innovators to address global challenges, which includes advanced digital and innovation skills. Support schemes provided by the EIT should benefit to EIC beneficiaries, while start-ups emerging from EIT KICs should have simplified and thereby faster access to EIC actions. While the EIT's focus on innovation ecosystems should make it naturally fit within the pillar 'Open Innovative Europe', it should also support the other pillars, as appropriate the planning of its KICs should be aligned through the strategic planning process with the pillar 'Global Challenges and Industrial Competitiveness'. Unnecessary duplication between KICs and other instruments in the same field, in particular other partnerships, should be avoided.

(24) Ensuring and preserving a level playing field for companies that compete in a given market should be a key requirement for breakthrough or disruptive breakthrough or disruptive breakthrough or disruptive all types of innovation, innovation to flourish thereby innovation to flourish thereby innovation to flourish thereby including breakthrough, enabling in particular small and enabling in particular small and enabling in particular small and disruptive and incremental medium-size innovators to reap medium-size innovators to reap medium-size innovators to reap innovation, to flourish thereby the benefits of their investment the benefits of their investment the benefits of their investment enabling in particular a large number of small and mediumand to capture a share of the and to capture a share of the and to capture a share of the market. Similarly, a certain size innovators to build-up their market. market. degree of openness in the **R&I** capacity and to reap the innovation scale of funded benefits of their investment and actions - addressing a large to capture a share of the market. network of beneficiaries - may contribute substantially to the building capacity of SMEs, as it provides them with the necessary means to attract investments and to thrive. (25) The Programme should 43 (25) The Programme should (25) The Programme should (25) The Programme should promote and integrate promote and integrate cooperation promote and integrate promote and integrate cooperation with third countries with third countries and cooperation with third countries cooperation with third countries and international organisations international organisations and and international organisations and international organisations and initiatives based on common initiatives based on *Union's* and initiatives based on common and initiatives based on *Union's* interest, mutual benefit and interest, and mutual benefits and interest. mutual benefit and interests, common interest, global commitments to global commitments to implement global benefits, EU interests, mutual benefit and international commitments to implement the UN SDGs. the UN SDGs. International global benefits, international International cooperation should cooperation should aim to implement the UN SDGs, commitments to implement the science diplomacy and, as far aim to strengthen the Union's strengthen the Union's excellence UN SDGs, science diplomacy research and innovation as possible, reciprocity. *in* research and innovation and, as far as possible, excellence, attractiveness and International cooperation should reciprocity. International attractiveness and economic and economic and industrial industrial competitiveness, to aim to strengthen the Union's cooperation should aim to tackle global challenges, as research and innovation strengthen the Union's *excellence* competitiveness, to tackle global

challenges, as embodied in the UN SDGs, and to support the Union's external policies. An approach of general opening for international participation and targeted international cooperation actions should be followed, including through appropriate eligibility for funding of entities established in low to middle income countries. At the same time, association of third countries to the Programme should be promoted.

embodied in the UN SDGs, and to support the Union's external policies. An approach of general opening for excellence in international participation and targeted international cooperation actions should be followed, appropriate eligibility criteria, considering different levels of **R&I** capacities, for funding of entities established in low to middle income countries need to be applied. At the same time, association of third countries to the Programme should be promoted where reciprocity is envisaged and where Union's interest is safeguarded and increased participation of all Member States in the Programme is promoted.

excellence, attractiveness and economic and industrial competitiveness, to tackle global challenges, as embodied in the **UN SDGs**including the United **Nations Sustainable Development Goals (SDGs) by** following the principles of the Agenda 2030 and the Paris agreement under the United **Nations Framework Convention on Climate Change**, and to support the Union's external policies. An approach of general opening for international participation and targeted international cooperation actions should be followed, including through appropriate eligibility for funding of entities established in low to middle income countries. At the same time, association of third countries, in particular for collaborative parts to the Programme, should be promoted-, in line with association agreements and focusing on the added value for the Union. When allocating the associated countries' financial contributions to the **Programme, the Commission** should take into account the

in research and innovation, attractiveness, capacity to retain best talents and economic and industrial competitiveness, to tackle global challenges, including the United Nations **Sustainable Development** Goals (SDGs) by following the principles of the Agenda 2030 and the Paris agreement under the United Nations Framework **Convention on Climate Change**, and to support the Union's external policies. An approach of general opening for international participation and targeted international cooperation actions should be followed, including through appropriate eligibility for funding of entities established in low to middle income countries. The Union should pursue to conclude international cooperation agreements in the field of research and innovation with third countries. At the same time, association of third countries, in particular for **collaborative parts** to the Programme, should be promoted, in line with association agreements and focusing on the added value for the Union.

			level of participation of legal	When allocating the associated
			entities of these countries in the	countries' financial
			different components of the	contributions to the
			Programme.	Programme, the Commission
			1 TOGILIMINOV	should take into account the
				level of participation of legal
				entities of these countries in the
				different components of the
				Programme.
43.b			(25a) A special committee may	
			be designated by the Council in	Deletion
			consultation with which the	
			negotiations, including with	
			regard to the design and	
			content of the association	
			agreements, are conducted, in	
			accordance with Article 218(4)	
			TFEU.	
44	(26) With the aim of deepening			
	the relationship between science			
	and society and maximising			
	benefits of their interactions, the			
	Programme should engage and			
	involve citizens and civil society	involve citizens and civil society	involve citizens and civil society	involve all societal actors, like
	organisations in co-designing and	organisations in co-designing and	organisations in co-designing and	citizens and civil society
	co-creating responsible research	co-creating responsible research	co-creating responsible research	organisations in co-designing and
	and innovation agendas and	and innovation (RRI) agendas and	and innovation (RRI) agendas	co-creating responsible research
	contents, promoting science	contents, that meet citizens' and	and contents that meet citizens'	and innovation (RRI) agendas,
	education, making scientific	civil society's concerns, needs	and civil society's concerns,	contents and throughout
	knowledge publicly accessible,	and expectations, promoting	needs and expectations,	processes that meet address
	and facilitating participation by	science education, making	promoting science education,	citizens' and civil society's
	citizens and civil society	scientific knowledge publicly	making scientific knowledge	concerns, needs and
	organisations in its activities. It	accessible, and facilitating	publicly accessible, and	expectations, promoting science
	should do so across the	participation of citizens and civil	facilitating participation by	education, making scientific

	Dec 200000000 and 411.		aitiman and simili-t	Impossible description of the second of the
	Programme and through	society organisations in its	citizens and civil society	knowledge publicly accessible,
	dedicated activities in the part	activities. The measures taken to	organisations -in its activities. It	and facilitating participation by
	'Strengthening the European	improve the involvement of	should do so across the	citizens and civil society
	Research Area'. The engagement	citizens and civil society should	Programme and through	organisations in its activities. It
	of citizens and civil society in	be monitored.	dedicated activities in the part	should do so across the
	research and innovation should		'Strengthening' Widening	Programme and through
	be coupled with public outreach		participation and	dedicated activities in the part
	activities to generate and sustain		strengthening the European	'Widening participation and
	public support for the		Research Area'. The engagement	strengthening the European
	Programme. The programme		of citizens and civil society in	Research Area'. The engagement
	should also seek to remove		research and innovation should	of citizens and civil society in
	barriers and boost synergies		be coupled with public outreach	research and innovation should
	between science, technology,		activities to generate and sustain	be coupled with public outreach
	culture and the arts to obtain a		public support for the	activities to generate and sustain
	new quality of sustainable		Programme. The programme	public support for the
	innovation.		should also seek to remove	Programme. The programme
			barriers and boost synergies	should also seek to remove
			between science, technology,	barriers and boost synergies
			culture and the arts to obtain a	between science, technology,
			new quality of sustainable	culture and the arts to obtain a
			innovation. The measures taken	new quality of sustainable
			to improve the involvement of	innovation. The measures taken
			citizens and civil society in the	to improve the involvement of
			supported projects should be	citizens and civil society in the
			monitored.	supported projects should be
				monitored.
45		(26 a) Horizon Europe		Deleted
		should support new technologies		
		which contribute to overcoming		
		obstacles, that prevent the access		
		and the full participation of		
		persons with disabilities and		
		which consequently restrain the		
		" ittoit compagnettily i contain the		

		development of a truly inclusive		
46	N/A	society.	N/A	N/A
47	(27) Pursuant to Article 349 of the TFEU, the Union's outermost regions are entitled to specific measures (taking into account their structural, social and economic situation) regarding access to horizontal Union programmes. The Programme should therefore take into account the specific characteristics of those regions in line with the Commission's Communication on 'A stronger and renewed strategic partnership with the EU's outermost regions' (COM (2017) 623 final) as endorsed by the Council on 12 April 2018.	(27) Pursuant to Article 349 of the TFEU, the Union's outermost regions are entitled to specific measures (taking into account their structural, social and economic situation) regarding access to horizontal Union programmes. The Programme should therefore take into account the specific characteristics of those regions in line with the Commission's Communication on 'A stronger and renewed strategic partnership with the EU's outermost regions' (COM(2017)623 final) as endorsed by the Council on 12 April 2018 and where possible promote their participation in the Programme.	(27) Pursuant to Article 349 of Where appropriate, the TFEU, the Union's outermost regions are entitled to specific measures (taking into account their structural, social and economic situation) regarding access to horizontal Union programmes. The Programme should therefore take into account the specific characteristics of those the outermost regions acknowledged by article 349 TFEU and in line with the Commission's Communication on'A stronger and renewed strategic partnership with the EU's outermost regions' (COM (2017) 623 final) as endorsed as welcomed by the Council on 12 April 2018. 22	of Where appropriate, the TFEU, the Union's outermost regions are entitled to specific measures (taking into account their structural, social and economic situation) regarding access to horizontal Union programmes. The Programme should therefore take into account the specific characteristics of those the outermost regions as identified in article 349 TFEU and in line with the Commission's Communication on'A stronger and renewed strategic partnership with the EU's outermost regions' (COM (2017) 623 final) as endorsed as welcomed by the Council on 12 April 2018. 23
48	(28) The activities developed under the Programme should aim at eliminating gender inequalities and promoting equality between women and men in research and innovation, in compliance with	(28) The activities developed under the Programme should aim at eliminating gender inequalities, avoiding gender bias, adequately integrating the gender dimension in research and innovation	(28) The activities developed under the Programme should aim at eliminating gender inequalities, enhancing work-life balance and promoting equality between women and	(28) The activities developed under the Programme should aim at eliminating gender <i>bias and</i> inequalities, enhancing work-life balance and promoting equality between women and

Commission's Communication 'A stronger and renewed strategic partnership with the EU's outermost regions' (COM (2017) 623 final). Commission's Communication 'A stronger and renewed strategic partnership with the EU's outermost regions' (COM (2017) 623 final).

	Articles 2 and 3 of the Treaty on European Union and Article 8 of the TFEU. The gender dimension should be adequately integrated	content, aiming at enhancing work-life balance, promoting equality between women and men including equal pay principles as	men in research and innovation, in compliance with Articles 2 and 3 of the Treaty on European Union and Article 8 of the	men in research and innovation, including the principle of equal pay without discrimination based on sex, in compliance
	in research and innovation content and followed through at all stages of the research cycle.	referred to in Article 141(3) of the TFEU and in Directive 2006/54/EC on the implementation of the principle of equal opportunities and equal treatment of men and women in	TFEU. The gender dimension should be adequately integrated in research and innovation content and followed through at all stages of the research cycle. In addition, the activities under	with Articles 2 and 3 of the Treaty on European Union and Articles 8 and 157 of the TFEU. The gender dimension should be adequately integrated in research and innovation content and
		matters of employment and occupation, as well as ensuring accessibility of researchers with disabilities to research and innovation.	the Programme should aim to eliminate inequalities and promote equality and diversity in all aspects of research and innovation with regard to age, disability, race and ethnicity, religion or belief, and sexual orientation.	followed through at all stages of the research cycle. In addition, the activities under the Programme should aim to eliminate inequalities and promote equality and diversity in all aspects of research and innovation with regard to age, disability, race and ethnicity, religion or belief, and sexual orientation.
48.a			(28a) Administrative simplification, in particular the reduction of the administrative burden for beneficiaries should be continuously sought throughout the Programme. The Commission should further simplify its tools and guidance in such a way that they impose a minimal burden on beneficiaries. In particular, the Commission should	Deleted

49	(29) In light of the specificities of the defence industry sector, the detailed provisions for Union funding to defence research projects should be fixed in the Regulation establishing the European Defence Fund ¹⁶ which defines the rules of participation for defence research. Research and innovation activities carried out under the European Defence Fund should have an exclusive focus on defence applications.	(29) In light of the specificities of the defence industry sector, the detailed provisions for Union funding to defence research projects should be fixed in the Regulation establishing the European Defence Fund ²⁵ which defines the rules of participation for defence research. Although synergies between Horizon Europe and the European Defence Fund could be encouraged while avoiding duplication, actions under Horizon Europe should have an exclusive focus on civilian	consider issuing an abridged version of the guidance. ²⁴ (29) This Regulation establishes the objectives and fixes the priorities of Union activities in defence research and development, indicates the broad lines of such activities, and fixes the amount of the Union's financial participation in relation to defence research and development funding. In light of the specificities of the defence industry sector, the detailed provisions for Union funding to defence research projects should be fixed in the Regulation establishing the	(29) In light of the specificities of the defence industry sector, the detailed provisions for Union funding to defence research projects should be fixed in the Regulation establishing the European Defence Fund which defines the rules of participation for defence research. Activities to be carried out under the European Defence Fund should have an exclusive focus on defence research and development, while activities carried out under the Specific Programme and the EIT
	for defence research. Research and innovation activities carried out under the European Defence Fund should have an exclusive focus on defence applications.	for defence research. Although synergies between Horizon Europe and the European Defence Fund could be encouraged while avoiding duplication, actions under Horizon Europe should have an	in relation to defence research and development funding. In light of the specificities of the defence industry sector, the detailed provisions for Union funding to defence research projects should be fixed in the	defines the rules of participation for defence research. Activities to be carried out under the European Defence Fund should have an exclusive focus on defence research and development, while activities carried out under the Specific
			under this Regulation except those covered by the European Defence Fund should have an exclusive focus on defencecivil	

Part of the common understanding.

			applications Uppergrams	
			applications. Unnecessary	
70	(20) El : D	(20) TILL D. 1 (1. 1. 1.	duplication will be excluded.	(20) TILL D. 1 (1 1 1
50	(30) This Regulation lays down a		(30) This Regulation lays down	(30) This Regulation lays down
	financial envelope for the	financial envelope for the	a financial envelope for the	a financial envelope for the
	Programme. The amount	Programme. The amount indicated	Programme. The amount	Programme. The amount
	indicated for the specific	for the specific programme	indicated for the specific	indicated for the specific
	programme referred to in Article	referred to in Article 1(3)(a) is to	programme referred to in Article	programme referred to in Article
	1(3)(a) is to constitute the prime	constitute the prime reference	1(3)(a)this Regulation is to	$\frac{1(3)(a)}{(a)}$ this Regulation is to
	reference amount, within the	amount, within the meaning of	constitute the prime reference	constitute the prime reference
	meaning of [reference to be	[reference to be updated as	amount, within the meaning of	amount, within the meaning of
	updated as appropriate according	appropriate according to the new	[reference to be updated as	[reference to be updated as
	to the new inter-institutional	inter-institutional agreement:	appropriate according to the new	appropriate according to the new
	agreement: point 17 of the	point 17 of the Interinstitutional	inter-institutional agreement:	inter-institutional agreement:
	Interinstitutional Agreement of 2	Agreement of 2 December 2013	point 17 of the Interinstitutional	point 17 of the Interinstitutional
	December 2013 between the	between the European Parliament,	Agreement of 2 December 2013	Agreement of 2 December 2013
	European Parliament, the	the Council and the Commission	between the European	between the European
	Council and the Commission on	on budgetary discipline, on	Parliament, the Council and the	Parliament, the Council and the
	budgetary discipline, on	cooperation in budgetary matters	Commission on budgetary	Commission on budgetary
	cooperation in budgetary matters	and on sound financial	discipline, on cooperation in	discipline, on cooperation in
	and on sound financial	management ²⁷], for the European	budgetary matters and on sound	budgetary matters and on sound
	management ¹⁷], for the European	Parliament and the Council during	financial management ²⁸], for the	financial management ²⁹], for the
	Parliament and the Council	the annual budgetary procedure.	European Parliament and the	European Parliament and the
	during the annual budgetary		Council during the annual	Council during the annual
	procedure.		budgetary procedure.	budgetary procedure. This
				financial envelope comprises
	17. Reference to be updated: OJ C 373,			an amount of EUR 580 000 000
	20.12.2013, p. 1. The agreement is available at: http://eur-			in current prices for the
	lex.europa.eu/legal-			specific programme referred to
	ica.curopa.cu/icgar-			

OJ C 373, 20.12.2013, p. 1.

Reference to be updated: OJ C 373, 20.12.2013, p. 1. The agreement is available at: http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.C..2013.373.01.0001.01.ENG&toc=OJ:C:2013:373:TOC

Reference to be updated: OJ C 373, 20.12.2013, p. 1. The agreement is available at: http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=urisery:OJ.C_.2013.373.01.0001.01.ENG&toc=OJ:C:2013:373:TOC

51	content/EN/TXT/?uri=uriserv:OJ.C20 13.373.01.0001.01.ENG&toc=OJ:C:20 13:373:TOC	(31) Regulation (EU, Euratom)	(31) Regulation (EU, Euratom)	in Article 1(3)(a) and for the European Institute of Innovation and Technology (EIT), in line with the joint declaration by the European Parliament, Council and Commission on the reinforcement of specific programmes and adaptation of basic acts of [date]. (31) Regulation (EU, Euratom)
	No [the new FR] (the 'Financial	2018/1046 of the European	No [the new FR] (the 'Financial	2018/1046 of the European
	Regulation') applies to this	Parliament and of the Council	Regulation'), adopted on the	Parliament and of the Council ³¹
	Programme, unless otherwise	(the 'Financial Regulation') ³⁰	basis of Article 322 of the	(the 'Financial Regulation')
	specified. It lays down rules on	applies to this Programme, unless	TFEU applies to this	applies to this Programme. The
	the implementation of the Union	otherwise specified. It lays down	Programme, unless otherwise	Financial Regulation lays down
	budget, including the rules on	rules on the implementation of the	specified due to the specific	rules on the implementation of
	grants, prizes, procurement,	Union budget, including the rules	nature of research and	the Union budget, including the
	indirect implementation,	on grants, prizes, procurement,	innovation activities requiring	rules on grants, prizes,
	financial assistance, financial	indirect implementation, financial	different rules for example as	procurement, indirect
	instruments and budgetary	assistance, financial instruments	regards further simplification	management, financial
	guarantees.	and budgetary guarantees.	or shorter deadlines. It lays	instruments, budgetary
			down rules on the	guarantees, financial assistance
			implementation of the Union	and the reimbursement of
			budget, including the rules on	external experts.

Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council of 18 July 2018 on the financial rules applicable to the general budget of the Union, amending Regulations (EU) No 1296/2013, (EU) No 1301/2013, (EU) No 1303/2013, (EU) No 1304/2013, (EU) No 1309/2013, (EU) No 1316/2013, (EU) No 223/2014, (EU) No 283/2014, and Decision No 541/2014/EU and repealing Regulation (EU, Euratom) No 966/2012 (OJ L 193, 30.7.2018, p. 1).

Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council of 18 July 2018 on the financial rules applicable to the general budget of the Union, amending Regulations (EU) No 1296/2013, (EU) No 1301/2013, (EU) No 1303/2013, (EU) No 1304/2013, (EU) No 1309/2013, (EU) No 1316/2013, (EU) No 223/2014, (EU) No 283/2014, and Decision No 541/2014/EU and repealing Regulation (EU, Euratom) No 966/2012 (OJ L 193, 30.7.2018, p. 1).

		grants, prizes, procurement,	
		indirect implementation,	
		financial assistance, financial	
		instruments and budgetary	
		guarantees. and provide for	
		checks on the responsibility of	
		financial actors. Rules adopted	
		on the basis of Article 322	
		TFEU also concern other	
		conditionalities to protect the	
		budget and the European	
		Union Recovery Instrument.	
51a			(31-a) In accordance with
			Article 193(2) of Regulation
			(EU, Euratom) No 2018/1046, a
			grant may be awarded for an
			action which has already
			begun, provided that the
			applicant can demonstrate the
			need for starting the action
			prior to signature of the grant
			agreement. However, the costs
			incurred prior to the date of
			submission of the grant
			application are not eligible,
			except in duly justified
			except in duty justified exceptional cases. In order to
			avoid any disruption in Union
			support which could be
			prejudicial to Union's interests,
			it should be possible to provide
			in the financing decision,
			during a limited period of time
			at the beginning of the multi-

			annual financial framework 2021-2027, and only in duly justified cases, for eligibility of activities and costs from the beginning of the 2021 financial year, even if they were implemented and incurred before the grant application was submitted.
51.a	(31a) Administrative simplification, in particular the reduction of the administrative burden for beneficiaries should be continuously sought throughout the Programme. The Commission should further simplify its tools and guidance in such a way that they impose a minimal burden on beneficiaries. In particular, the Commission should consider issuing an abridged version of the guidance.		(31a) Administrative simplification, in particular the reduction of the administrative burden for beneficiaries should be continuously sought throughout the Programme. The Commission should further simplify its tools and guidance in such a way that they impose a minimal burden on beneficiaries. In particular, the Commission should consider issuing an abridged version of the guidance.
52		(31a) The overall budget for the "Widening participation and sharing excellence" strand of the "Widening participation and strengthening the European Research Area" part of Horizon Europe should be at least 3,3% of the overall Horizon Europe budget. This budget should mainly benefit	deleted

		legal entities in the widening countries. ³²	
53	(31b) In order to ensure that Europe remains at the forefront of global research and innovation in the digital field and to take account of the necessity to step up investments to benefit from the growing opportunities of digital technologies, sufficient budget should be allocated to core digital priorities.		(31b) The completion of the Digital Single Market and the growing opportunities from the convergence of digital and physical technologies requires a stepping up of investments. The Programme should contribute to these efforts with a substantial increase of spending in main digital research and innovation activities compared to the Research and Innovation Framework Programme Horizon 2020 ³³ . This should ensure that Europe remains at the forefront of global research and innovation in the digital field.
53.a			(31c) Quantum research under the 'Digital, Industry and Space' cluster under Pillar II should be prioritized, given its crucial role in the digital transition, namely by expanding the European

Part of the common understanding.

^{6229/18:} Communication from the Commission 'A new, modern Multiannual Financial Framework for a European Union that deliver efficiently on its priorities post-2020' identifies EUR 13 billion spent in main digital activities under the Research and Innovation Framework Programme Horizon 2020 (COM(2018) 98 Final).

				scientific leadership and excellence in quantum technologies, allowing to achieve the envisaged budget set in 2018.
54	(32) In accordance with the	Unchanged	(32) In accordance with the	(32) In accordance with the
	Financial Regulation, Regulation		Regulations (EU, Euratom) No	Financial Regulation,
	(EU, Euratom) No 883/2013 of		2018/1046³⁴ (the " Financial	Regulation (EU, Euratom)
	the European Parliament and of		Regulation, Regulation'') and	No 883/2013 of the European
	the Council ¹⁸ , Council		(EU, Euratom) No-883/2013 of	Parliament and of the Council ⁴⁰
	Regulation (Euratom, EC) No		the European Parliament and of	and Council Regulations (EC,
	2988/95 ¹⁹ , Council Regulation		the Council ³⁵ , and Council	Euratom) No 2988/95 ⁴¹ ,
	(Euratom, EC) No 2185/96 ²⁰ and		Regulation Regulations	(Euratom, EC) No 2185/96 ⁴² and
	Council Regulation (EU)		(Euratom, EC)	(EU) 2017/1939 ⁴³ , the financial
	$2017/1939^{21}$, the financial		No- <u>2988/95³⁶, Council</u>	interests of the Union are to be

Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council of 18 July 2018 on the financial rules applicable to the general budget of the Union, amending Regulations (EU) No 1296/2013, (EU) No 1301/2013, (EU) No 1303/2013, (EU) No 1304/2013, (EU) No 1309/2013, (EU) No 1316/2013, (EU) No 223/2014, (EU) No 283/2014, and Decision No 541/2014/EU and repealing Regulation (EU, Euratom) No 966/2012 (OJ L 193, 30.7.2018, p. 1).

Regulation (EU, Euratom) No 883/2013 of the European Parliament and of the Council of 11-September 2013 concerning investigations conducted by the European Anti-Fraud Office (OLAF) and repealing Regulation (EC) No 1073/1999 of the European Parliament and of the Council and Council Regulation (Euratom) No 1074/1999, (OJ <u>L248L 248</u>, 18.9.2013, p. 1-)

Council Regulation (EC, Euratom) No 2988/95 of 18 December 1995 on the protection of the European Communities financial interests (OJ L 312, 23.12.95, p.1).

Regulation (EU, Euratom) No 883/2013 of the European Parliament and of the Council of 11 September 2013 concerning investigations conducted by the European Anti-Fraud Office (OLAF) and repealing Regulation (EC) No 1073/1999 of the European Parliament and of the Council and Council Regulation (Euratom) No 1074/1999 (OJ L 248, 18.9.2013, p. 1).

Council Regulation (EC, Euratom) No 2988/95 of 18 December 1995 on the protection of the European Communities financial interests (OJ L 312, 23.12.95, p.1).

Council Regulation (Euratom, EC) No 2185/96 of 11 November 1996 concerning on-the-spot checks and inspections carried out by the Commission in order to protect the European Communities' financial interests against fraud and other irregularities (OJ L 292, 15.11.1996, p. 2).

Council Regulation (EU) 2017/1939 of 12 October 2017 implementing enhanced cooperation on the establishment of the European Public Prosecutor's Office ("the EPPO") (OJ L 283, 31.10.2017, p. 1).

interests of the Union are to be protected through proportionate measures, including the prevention, detection, correction and investigation of irregularities, including fraud, the recovery of funds lost, wrongly paid or incorrectly used and, where appropriate, the imposition of administrative sanctions. In particular, in accordance with Regulation (EU, Euratom) No 883/2013 and Regulation (Euratom, EC) No 2185/96 the European Anti-Fraud Office (OLAF) may carry out administrative investigations, including on-thespot checks and inspections, with a view to establishing whether there has been fraud, corruption or any other illegal activity affecting the financial interests of the Union. In accordance with Regulation (EU) 2017/1939, the European Public Prosecutor's Office (EPPO) may investigate and prosecute fraud and other

Regulation (Euratom, EC)
No-2185/96³⁷ and-Council
Regulation (EU) 2017/1939³⁸, the financial interests of the
Union are to be protected
through proportionate measures, including the prevention, detection, correction and investigation of irregularities, including fraud, the recovery of funds lost, wrongly paid or incorrectly used, and, where appropriate, the imposition of administrative sanctions.

penalties.

In particular, in accordance with Regulation (EU, Euratom) No 883/2013 and Regulations (Euratom, EC) No 2185/96 and (EU, Euratom) No 883/2013, the European Anti-Fraud Office (OLAF) may carry out administrative- investigations, including on-the-spot checks and inspections, with a view to establishing whether there has

protected by means of proportionate measures, including measures relating to the prevention, detection, correction and investigation of irregularities, including fraud, to the recovery of funds lost, wrongly paid or incorrectly used, and, where appropriate, to the imposition of administrative penalties. In particular, in accordance with Regulations (Euratom, EC) No 2185/96 and (EU, Euratom) No 883/2013, the European Anti-Fraud Office (OLAF) has the power to carry out administrative investigations, including on-the-spot checks and inspections, with a view to establishing whether there has been fraud, corruption or any other illegal activity affecting the financial interests of the Union. The European Public Prosecutor's Office (EPPO) is empowered, in accordance with Regulation (EU) 2017/1939, to investigate and prosecute

Council Regulation (Euratom, EC) No 2185/96 of 11 November 1996 concerning on-the-spot checks and inspections carried out by the Commission in order to protect the European Communities' financial interests against fraud and other irregularities (OJ <u>L292, L 292, 15.11.96</u> 1996, p. 2).

Council Regulation (EU) 2017/1939 of 12 October 2017 implementing enhanced cooperation on the establishment of the European Public Prosecutor's Prosecutor's Office ('(''the EPPO')EPPO'') (OJ L283L 283, 31.10.2017, p._1).

criminal offences affecting the financial interests of the Union as provided for in Directive (EU) 2017/1371 of the European Parliament and of the Council²². In accordance with the Financial Regulation, any person or entity receiving Union funds is to fully cooperate in the protection of the Union's financial interests, to grant the necessary rights and access to the Commission, OLAF, the EPPO and the **European Court of Auditors** (ECA) and to ensure that any third parties involved in the implementation of Union funds grant equivalent rights.

18. Regulation (EU, Euratom) No 883/2013 of the European Parliament and of the Council of 11 September 2013 concerning investigations conducted by the European Anti-Fraud Office (OLAF) and repealing Regulation (EC) No 1073/1999 of the European Parliament and of the Council and Council Regulation (Euratom) No 1074/1999, (OJ L248, 18.9.2013, p. 1. 19. Council Regulation (EC, Euratom) No 2988/95 of 18 December 1995 on the protection of the European

been fraud, corruption or any other illegal activity affecting the financial interests of the Union. In accordance with Regulation (EU) 2017/1939, the European Public Prosecutor's Office (("the EPPO')') may investigate and prosecute fraud and other criminal offences affecting against the financial interests of the Union, as provided for in Directive (EU) 2017/1371 of the European Parliament and of the Council³⁹. In accordance with the Financial Regulation, any person or entity receiving Union funds is to fully cooperate in the protection of the Union's financial interests, to of **the Union,** grant the necessary rights and access to the Commission, OLAF, the EPPO in respect of those Member States participating in enhanced cooperation pursuant to Regulation (EU) 2017/1939, and the European Court of Auditors (ECA), and to ensure that any third parties involved in

criminal offences affecting the financial interests of the Union as provided for in Directive (EU) 2017/1371 of the European Parliament and of the Council⁴⁴. In accordance with the Financial Regulation, any person or entity receiving Union funds is to fully cooperate in the protection of the financial interests of the Union, grant the necessary rights and access to the Commission. OLAF, the Court of Auditors and, in respect of those Member States participating in enhanced cooperation pursuant to Regulation (EU) 2017/1939, the EPPO, and ensure that any third parties involved in the implementation of Union funds grant equivalent rights.

Directive (EU) 2017/1371 of the European Parliament and of the Council of 5 July 2017 on the fight against fraud to the Union's financial interests by means of criminal law (OJ L 198, 28.7.2017, p. 29).

Directive (EU) 2017/1371 of the European Parliament and of the Council of 5 July 2017 on the fight against fraud to the Union's financial interests by means of criminal law (OJ L 198, 28.7.2017, p. 29).

	Communities financial interests (OJ L 312, 23.12.95, p.1). 20. Council Regulation (Euratom, EC) No 2185/96 of 11 November 1996 concerning on-the-spot checks and	the implementation of Union funds grant equivalent rights.	
	inspections carried out by the Commission in order to protect the European Communities' financial interests against fraud and other irregularities (OJ L292,15.11.96, p.2).		
	21. Council Regulation (Euratom, EC) No 2185/96 of 11 November 1996 concerning on-the-spot checks and inspections carried out by the		
	Commission in order to protect the European Communities' financial interests against fraud and other irregularities (OJ L292,15.11.96, p.2). 22. Directive (EU) 2017/1371 of the		
	European Parliament and of the Council of 5 July 2017 on the fight against fraud to the Union's financial interests by means of criminal law (OJ L 198, 28.7.2017, p. 29).		
54.a		(32a) Third countries which are members of the European	(32a) Third countries which are members of the European
		Economic Area (EEA) may	Economic Area (EEA) may
		participate in Union	participate in Union programmes
		programmes in the framework	in the framework of the
		of the cooperation established	cooperation established under the
		under the Agreement on the	Agreement on the European Economic Area ⁴⁶ , which
		European Economic Area ⁴⁵ , which provides for the	provides for the implementation
		implementation of the	of the programmes on the basis
		programmes by a decision	of a decision adopted under that

OJ L 1, 3.1.1994, p. 3. OJ L 1, 3.1.1994, p. 3.

			under that Agreement. Third countries may also participate on the basis of other legal instruments. A specific provision should be introduced in this Regulation to grant the necessary rights for and access to the authorizing officer responsible, OLAF, and the ECA to comprehensively exert their respective competences.	Agreement. Third countries may also participate on the basis of other legal instruments. A specific provision should be introduced in this Regulation requiring third countries to grant the necessary rights and access required for the authorising officer responsible, OLAF and the Court of Auditors to comprehensively exercise their respective competences.
55	(33) Pursuant to [reference to be updated as appropriate according to a new decision on OCTs: Article 94 of Council Decision 2013/755/EU ²³], persons and entities established in overseas countries and territories (OCTs) are eligible for funding subject to the rules and objectives of the Programme and possible arrangements applicable to the Member State to which the relevant overseas country or territory is linked. 23. Council Decision 2013/755/EU of 25 November 2013 on the association	(33) Pursuant to [reference to be updated as appropriate according to a new decision on OCTs: Article 94 of Council Decision 2013/755/EU ⁴⁷], persons and entities established in overseas countries and territories (OCTs) are eligible for funding subject to the rules and objectives of the Programme and possible arrangements applicable to the Member State to which the relevant overseas country or territory is linked. <i>The Programme should take due account of the specific features</i>	Unchanged	(33) Pursuant to [reference to be updated as appropriate according to a new decision on OCTs: Article 94 of Council Decision 2013/755/EU ⁴⁸], persons and entities established in overseas countries and territories (OCTs) are eligible for funding subject to the rules and objectives of the Programme and possible arrangements applicable to the Member State to which the relevant overseas country or territory is linked.

Council Decision 2013/755/EU of 25 November 2013 on the association of the overseas countries and territories with the European Union (Overseas Association Decision) (OJ L 344, 19.12.2013, p. 1).

Council Decision 2013/755/EU of 25 November 2013 on the association of the overseas countries and territories with the European Union (Overseas Association Decision) (OJ L 344, 19.12.2013, p. 1).

	of the overseas countries and territories with the European Union (Overseas Association Decision) (OJ L 344, 19.12.2013, p. 1).	of those territories in order to ensure their effective participation and to support cooperation and synergies, particularly in the outermost regions as well as with third countries in their neighbourhood.		
56	(34) Pursuant to paragraph 22 and 23 of the Inter-institutional agreement for Better Law-Making of 13 April 2016, there is a need to evaluate this Programme on the basis of information collected through specific monitoring requirements, while avoiding overregulation and administrative burdens, in particular on Member States. These requirements, where appropriate, can include measurable indicators, as a basis for evaluating the effects of the Programme on the ground.	(34) Pursuant to paragraph 22 and 23 of the Inter-institutional agreement for Better Law-Making of 13 April 2016, there is a need to evaluate this Programme on the basis of information collected through specific monitoring requirements, while avoiding overregulation and administrative burdens, in particular on Member States and beneficiaries under the Programme. These requirements, where appropriate, can include measurable indicators, as a basis for evaluating the effects of the Programme on the ground.	(34) Pursuant to paragraph 22 and 23 of the Inter-institutional agreement for Better Law-Making of 13 April 2016, there is a need to evaluate this Programme on the basis of information collected through specific reporting and monitoring requirements, while avoiding overregulation and administrative burdens, in particular on the Member States and the beneficiaries of the Programme . These requirements, where appropriate, can include measurable indicators, as a basis for evaluating the effects of the Programme on the ground.	(34) Pursuant to paragraph 22 and 23 of the Inter-institutional agreement for Better Law-Making of 13 April 2016, there is a need to evaluate this Programme on the basis of information collected through specific reporting and monitoring requirements, while avoiding overregulation and administrative burdens, in particular on the Member States and the beneficiaries of the Programme . These requirements, where appropriate, can include measurable indicators, as a basis for evaluating the effects of the Programme on the ground.
57	(35) In order to be able to supplement or amend the impact pathway indicators, where considered necessary, the power to adopt acts in accordance with Article 290 of the Treaty on the Functioning of the European	Unchanged	Unchanged	(35) In order to ensure the effective assessment of the Programme's progress towards the achievement of its objectives be able to supplement or amend the impact pathway indicators, where considered necessary, the

Union should be delegated to the Commission. It is of particular importance that the Commission carry out appropriate consultations during its preparatory work, including at expert level, and that those consultations be conducted in accordance with the principles laid down in the Interinstitutional Agreement on Better Law-Making of 13 April 2016. In particular, to ensure equal participation in the preparation of delegated acts, the European Parliament and the Council receive all documents at the same time as Member States' experts, and their experts systematically have access to meetings of Commission expert groups dealing with the preparation of delegated acts.

power to adopt acts in accordance with Article 290 of the Treaty on the Functioning of the European Union should be delegated to the Commission in respect of amending Annex V with regards to the impact pathway indicators, where considered necessary and to set baselines and targets as well as to supplement this Regulation with provisions on the establishment of a monitoring and evaluation framework. It is of particular importance that the Commission carry out appropriate consultations during its preparatory work, including at expert level, and that those consultations be conducted in accordance with the principles laid down in the Interinstitutional Agreement on Better Law-Making of 13 April 2016. In particular, to ensure equal participation in the preparation of delegated acts, the European Parliament and the Council receive all documents at the same time as Member States' experts, and their experts systematically have access to meetings of Commission expert groups

				dealing with the preparation of
				delegated acts.
58	(36) Coherence and synergies	Unchanged	(36) Coherence and synergies	(36) Coherence and synergies
	between Horizon Europe and the		between Horizon Europe and the	between Horizon Europe and the
	EU's Space Programme will		EU's Space Programme will	EU's Space Programme will
	foster a globally competitive and		foster a globally competitive and	foster a globally competitive and
	innovative European space		innovative European space	innovative European space
	sector; reinforce Europe's		sector; reinforce Europe's	sector; reinforce Europe's
	autonomy in accessing and using		autonomy in accessing and using	autonomy in accessing and using
	space in a secure and safe		space in a secure and safe	space in a secure and safe
	environment; and strengthen		environment; and strengthen	environment; and strengthen
	Europe's role as a global actor.		Europe's role as a global actor.	Europe's role as a global actor.
	Breakthrough solutions in		Breakthrough Excellent	Breakthrough Excellent
	Horizon Europe will be		research, breakthrough	research, breakthrough
	supported by data and services		solutions and downstream users	solutions and downstream users
	made available by the Space		in Horizon Europe will be	in Horizon Europe will be
	Programme.		supported by data and services	supported by data and services
			made available by the Space	made available by the Space
			Programme.	Programme.
58.a			(36a) Coherence and synergies	(36a) Coherence and synergies
			between Horizon Europe and	between the Programme and
			Erasmus will foster the uptake	Erasmus+ will foster the
			of research results through	uptake of research results
			training activities, diffuse	through training activities.
			innovation spirit to the	diffuse innovation spirit to the
			education system and ensure	education system and ensure
			that education and training	that education and training
			activities rely on the most	activities rely on the most
			updated research and	updated research and
			innovation activities. In that	innovation activities. In that
			regard, following the pilot	regard, following the pilot
			actions launched under	actions launched under
			Erasmus+ 2014-20 on	Erasmus+ 2014-20 on
			European Universities,	European Universities, the

			TT	D
			Horizon Europe will, where	Programme will, where
			appropriate, complement in a	appropriate, complement in a
			synergetic way the support	synergetic way the support
			provided by the ERASMUS	provided by the Erasmus+
			programme to the European	programme to the European
			<u>Universities.</u>	<u>Universities.</u>
58.a.a				(36aa) In order to increase the
				impact of the Programme in
				addressing Union priorities,
				synergies with programmes and
				instruments aiming to
				responding to emerging Union
				needs should be encouraged and
				sought, including with the Just
				Transition Mechanism, the
				Recovery and Resilience Facility
				and EU4Health.
58.b		(36a) The work programme		deleted
		should take into account the		
		outcome of specific previous		
		projects and the state of science,		
		technology and innovation at		
		national, Union and		
		international level and of		
		relevant policy, market and		
		societal developments, for a		
		particular action to be funded.		
59	(37) The rules for participation	Unchanged	(37) The rules for participation	(37) The rules for participation
	and dissemination should		and dissemination should	and dissemination should
	adequately reflect the needs of		adequately reflect the needs of	adequately reflect the needs of
	the Programme taking into		the Programme taking into	the Programme taking into
	account the concerns raised and		account the concerns raised and	account the concerns raised and
	the recommendations made by		the recommendations made by	the recommendations made by
	various stakeholders.		various stakeholders. <u>and</u>	various stakeholders, as well as

			experts during the interim evaluation of Horizon 2020.	in the interim evaluation of Horizon 2020 carried out with the assistance of independent experts.
60	(38) Common rules across the Programme should ensure a coherent framework which facilitates participation in programmes financially supported by the budget of the Programme, including participation in programmes managed by funding bodies such as the EIT, joint undertakings or any other structures under Article 187 TFEU, and participation in programmes undertaken by Member States pursuant to Article 185 TFEU. Flexibility to adopt specific rules should be ensured when justified.	(38) Common rules and requirement across the Programme should ensure simplified and common implementing tools including for monitoring and reporting an a coherent framework which facilitates participation in programmes financially supported by the budget of the Programme, including participation in programmes managed by funding bodies such as the EIT, joint undertakings or any other structures under Article 187 TFEU, and participation in programmes undertaken by Member States pursuant to Article 185 TFEU. Adopting specific rules should be possible but exceptions must be limited to when strictly necessary and duly justified.	(38) Common rules across the Programme should ensure a coherent framework which facilitates participation in programmes financially supported by the budget of the Programme, including participation in programmes managed by funding bodies such as the EIT, joint undertakings or any other structures under Article 187 TFEU, and participation in programmes undertaken by Member States pursuant to Article 185 TFEU. Flexibility to adopt Adopting specific rules should be ensured possible but exceptions must be limited to when strictly necessary and duly justified.	(38) Common rules across the Programme should ensure a coherent framework which facilitates participation in programmes financially supported by the budget of the Programme, including participation in programmes managed by funding bodies such as the EIT, joint undertakings or any other structures under Article 187 TFEU, and participation in programmes undertaken by Member States pursuant to Article 185 TFEU. Flexibility to adopt Adopting specific rules should be ensured possible but exceptions should be limited to when strictly necessary and duly justified.
61	(39) Actions which fall within the scope of the Programme should respect fundamental rights and observe the principles acknowledged in particular by the Charter of Fundamental Rights of the European Union.	(39) Actions which fall within the scope of the Programme should respect fundamental rights and observe the principles acknowledged in particular by the Charter of Fundamental Rights of the European Union. Such actions	(39) Actions which fall within the scope of the Programme should respect fundamental rights and observe the principles acknowledged in particular by the Charter of Fundamental Rights of the European Union.	(39) Actions which fall within the scope of the Programme should respect fundamental rights and observe the principles acknowledged in particular by the Charter of Fundamental Rights of the European Union.

	Such actions should be in conformity with any legal obligation including international	should be in conformity with any legal obligation including international law and with any	Such actions should be in conformity with any legal obligation including international	Such actions should be in conformity with any legal obligation including international
	law and with any relevant Commission decisions such as	relevant Commission decisions such as the Commission notice of	law and with any relevant Commission decisions such as	law and with any relevant Commission decisions such as
	the Commission notice of 28 June 2013 ²⁴ , as well as with	28 June 2013 ⁴⁹ , as well as with ethical principles, which include	the Commission notice of 28 June 2013 ⁵⁰ , as well as with	the Commission notice of 28 June 2013 ⁵² , as well as with
	ethical principles, which include	avoiding any breach of research	ethical principles, which include	ethical principles, which include
	avoiding any breach of research integrity. Article 13 TFEU	integrity. The opinions of the European Group on Ethics in	avoiding any breach of research integrity. Article 13 TFEU	avoiding any breach of research integrity. <i>The opinions of the</i>
	should also be taken into account in research activities, and the use	Science and New Technologies, the European Union Agency for	should also be taken into account in research activities, and the use	European Group on Ethics in Science and New Technologies,
	of animals in research and testing should be reduced, with a view	Fundamental Rights and the European Data Protection	of animals in research and testing should be reduced, with a view	the European Union Agency for Fundamental Rights and the
	ultimately to replacing their use.	Supervisor should be taken into	ultimately to replacing their	European Data Protection
	24. OJ C 205, 19.7.2013, p. 9.	account. Article 13 TFEU should also be taken into account in	use. <u>51</u>	Supervisor should be taken into account, where appropriate.
		research activities, and the use of		Article 13 TFEU should also be
		animals in research and testing should be reduced, with a view		taken into account in research activities, and the use of animals
		ultimately to replacing their use.		in research and testing should be reduced, with a view ultimately
				to replacing their use. 53
61.a				(39a) In order to guarantee scientific excellence, and in line
				with Article 13 of the Union's
				Charter of Fundamental

⁴⁹ OJ C 205, 19.7.2013, p. 9.

OJ C 205, 19.7.2013, p. 9.

ref. COM statement on the EU funding of human embryonic stem cell research for Horizon Europe (footnote to be deleted in the final version).

⁵² OJ C 205, 19.7.2013, p. 9.

ref. COM statement on the EU funding of human embryonic stem cell research for Horizon Europe (footnote to be deleted in the final version).

Rights, the Programme should promote the respect of academic freedom in all countries benefiting from its funds. 62 (40) In line with the objectives of In line with the objectives (40) In line with the objectives (40) In line with the objectives (40)international cooperation as set of international cooperation as set of international cooperation as of international cooperation as out in Articles 180 and 186 out in Articles 180 and 186 set out in Articles 180 and 186 set out in Articles 180 and 186 TFEU, the participation of legal entities established in third entities established in third entities established in third entities established in third countries and of international countries and of international countries and of international countries and of international organisations should be organisations should be promoted organisations should be organisations should be promoted. The implementation in the Union's scientific, societal, promoted. The implementation of promoted, based on mutual of the Programme should be in the Programme should be in benefits and Union's interests. economic and technological conformity with the measures interests. The implementation of conformity with the measures The implementation of the adopted in accordance with the Programme should be in adopted in accordance with Programme should be in Articles 75 and 215 TFEU and Articles 75 and 215 TFEU and conformity with the measures conformity with the measures should be in compliance with adopted in accordance with should be in compliance with adopted in accordance with international law. For actions Articles 75 and 215 TFEU and international law. For actions Articles 75 and 215 TFEU and related to Union strategic assets, related to Union strategic assets, should be in compliance with should be in compliance with interests, autonomy or security, international law. For actions interests, autonomy or security, international law. For actions the participation to specific related to Union strategic assets, the participation to specific related to Union strategic assets, actions of the Programme may be interests, autonomy or security, actions of the Programme may be interests, autonomy or security, the participation to specific the participation to specific limited to entities established in limited to entities established in Member States only, or to actions of the Programme may be Member States only, or to actions of the Programme may be entities established in specified limited to entities established in entities established in specified limited to entities established in associated or other third Member States only, or to entities associated or other third Member States only, or to countries in addition to Member established in specified associated countries in addition to Member entities established in specified or other third countries in addition associated or other third States. States. Any exclusion of legal entities established in the countries in addition to Member to Member States. Union or in associated States. Any exclusion of legal countries directly or indirectly entities established in the controlled by non-associated Union or in associated

third countries or by legal countries directly or indirectly entities of non-associated third controlled by non-associated countries should take into third countries or by legal account the risks the inclusion entities of non-associated third of such entities would countries should take into represent, on the one hand, and account the risks the inclusion the benefits that their of such entities would participation would incur, on represent, on the one hand, and the benefits that their the other hand. participation would incur, on the other hand. 63 (41) Reflecting the importance of (41) Acknowledging climate (41) Acknowledging climate (41) Acknowledging climate tackling climate change in line change as one of the biggest change as one of the biggest change as one of the biggest with the Union's commitments to global and societal challenges global and societal challenges global and societal challenges implement the Paris Agreement and reflecting the importance of and reflecting the importance of and reflecting the importance of tackling climate change in line tackling climate change in line and the United Nations tackling climate change in line Sustainable Development Goals, with the Union's commitments to with the Union's commitments to with the Union's commitments to implement the Paris Agreement this Programme will contribute implement the Paris Agreement implement the Paris Agreement to mainstream climate actions and the United Nations and the United Nations and the United Nations and to the achievement of an Sustainable Development Goals. Sustainable Development Goals. Sustainable Development Goals. this Programme will contribute overall target of 25 % of the EU this Programme will contribute to this Programme will contribute to budget expenditures supporting mainstream climate actions and to mainstream climate actions and to mainstream climate actions climate objectives. the achievement of an overall to the achievement of an overall and to the achievement of an target of at least 25 % of the EU target of 25 %-30 % of the EU overall target of 30 % of the EU budget expenditures supporting budget expenditures supporting budget expenditures supporting climate objectives *over the MFF* climate objectives. Climate climate objectives. Climate 2021-2027 period, and an annual mainstreaming shall be mainstreaming should be target of 30 % as soon as possible adequately integrated in adequately integrated in and at the latest by 2027. Climate research and innovation research and innovation content and applied at all mainstreaming shall be content and applied at all adequately integrated in research stages of the research cycle. stages of the research cycle. and innovation content and applied at all stages of the research cycle.

63.a (41a) In the context of the impact (41a) In the context of the (41a) In the context of the pathway related to climate, the impact pathway related to impact pathway related to climate, the Commission will climate, the Commission will Commission will report on outputs, innovations and report on outputs, innovations report on outputs, innovations aggregated estimated effects of and aggregated estimated and aggregated estimated projects that are climate-relevant, effects of projects that are effects of projects that are including by Programme part climate-relevant, including by climate-relevant, including by and by implementation mode. In Programme part and by Programme part and by implementation mode. In its implementation mode. In its its analysis the Commission should take account of the longanalysis the Commission analysis the Commission should take account of the term economic, societal and should take account of the environmental costs and benefits long-term economic, societal long-term economic, societal and environmental costs and and environmental costs and to European citizen resulting from Programme activities benefits to European citizen benefits to European citizen including the uptake of resulting from Programme resulting from Programme innovative climate mitigation and activities including the uptake activities including the uptake adaptation solutions, estimated of innovative climate of innovative climate impacts on jobs and company mitigation and adaptation mitigation and adaptation creation, economic growth in and solutions, estimated impacts on solutions, estimated impacts on competitiveness, clean energy, iobs and company creation. iobs and company creation. health to well-being (including economic growth and economic growth and air, soil and water quality). The competitiveness, clean energy, competitiveness, clean energy, results of this impact analysis health to well-being (including health to well-being (including should be made public, assessed air, soil and water quality). The air, soil and water quality). The results of this impact analysis results of this impact analysis in the context of Europe's climate and energy goals and should be made public, should be made public, feedback into the subsequent assessed in the context of assessed in the context of **Europe's climate and energy** strategic planning process and **Europe's climate and energy** future work programmes. goals and feedback into the goals and feedback into the subsequent strategic planning subsequent strategic planning process and future work process and future work programmes. programmes. (41b) In line with Sustainable 63.b (41b) Reflecting the importance **Development Goals, research** of tackling the dramatic loss of

			and innovation activities should contribute to the preservation and restoration of biodiversity.	biodiversity, research and innovation activities under this Programme should contribute to the preservation and restoration of biodiversity and to the achievement of the overall ambition of providing 7.5% of annual spending under the MFF to biodiversity objectives in the year 2024 and 10% of annual spending under the MFF to biodiversity objectives in 2026 and 2027, while considering the existing overlaps between climate and biodiversity goals in accordance with the Interinstitutional Agreement between the European Parliament, the Council and the Commission on budgetary discipline, on cooperation in budgetary matters and on sound financial management.
64	(42) Horizontal financial rules adopted by the European Parliament and the Council on the basis of Article 322 of the Treaty on the Functioning of the European Union apply to this Regulation. These rules are laid down in the Financial Regulation	Unchanged	deleted	(42) Horizontal financial rules adopted by the European Parliament and the Council on the basis of Article 322 of the Treaty on the Functioning of the European Union apply to this Regulation. These rules are laid down in the Financial Regulation

	and determine in particular the procedure for establishing and implementing the budget through grants, procurement, prizes, indirect implementation, and provide for checks on the responsibility of financial actors. Rules adopted on the basis of Article 322 TFEU also concern the protection of the Union's budget in case of generalised deficiencies as regards the rule of law in the Member States, as the respect for the rule of law is an essential precondition for sound financial management and effective EU funding.			and determine in particular the procedure for establishing and implementing the budget through grants, procurement, prizes, indirect implementation, and provide for checks on the responsibility of financial actors. Rules adopted on the basis of Article 322 TFEU also include a general regime of conditionality for the protection of the Union budget. concern the protection of the Union budget. concern the protection of the Union's budget in case of generalised deficiencies as regards the rule of law in the Member States, as the respect for the rule of law is an essential precondition for sound financial management and effective EU funding. Lother conditionalities to protect the budget and the European Union Recovery Instrument (the 'European
65	(42) II C '' I I	(40) II C ':		Recovery Instrument').
65	(43) Use of sensitive background information or access by unauthorized individuals to sensitive results may have an adverse impact on the interests of the Union or of one or more of the Member States. Thus handling of confidential data and classified information should be governed by all relevant Union	(43) Use of sensitive background information or access by unauthorized individuals to sensitive results <i>and research data</i> may have an adverse impact on the interests of the Union or of one or more of the Member States. Thus handling of confidential data and classified information should be governed	Unchanged	(43) Use of sensitive background information or access by unauthorized individuals to sensitive results may have an adverse impact on the interests of the Union or of one or more of the Member States. Thus handling of confidential data and classified information should be governed by all relevant Union

	law, including the Institutions' internal rules, such as Commission Decision (EU, Euratom) 2015/444, which lays down the provisions on security rules for protecting EU classified information.	by all relevant Union law, including the Institutions' internal rules, such as Commission Decision (EU, Euratom) 2015/444 ⁵⁴ , which lays down the provisions on security rules for protecting EU classified information.		law, including the Institutions' internal rules, such as Commission Decision (EU, Euratom) 2015/444, which lays down the provisions on security rules for protecting EU classified information.
66	(44) It is necessary to establish the minimum conditions for participation, both as a general rule where the consortium should include at least one legal entity from a Member State, and with regard to the specificities of particular type of actions under the Programme.	deleted	Unchanged	(44) It is necessary to establish the minimum conditions for participation, both as a general rule where the consortium should include at least one legal entity from a Member State, and with regard to the specificities of particular type of actions under the Programme.
67	(45) It is appropriate to establish the terms and conditions for providing Union funding to participants in actions under the Programme. Grants should be implemented taking into account all forms of contribution set out in the Financial Regulation, including lump sums, flat rates or unit costs, with the view to further simplification.	(45) It is necessary to establish the terms and conditions for providing Union funding to participants in actions under the Programme. Grants will be the main type of financing within the Programme. Other types of financing should be chosen on the basis of their ability to achieve the specific objectives of the actions and to deliver results, taking into account in particular the costs of controls, the	(45) It is appropriate to establish the terms and conditions for providing Union funding to participants in actions under the Programme. Grants should be implemented taking into account all forms of contribution set out in the Financial Regulation, including lump sums, flat rates or unit costs, with the view to further simplification. The grant agreement should establish the rights and obligations of the	(45) It is <i>necessary</i> to establish the terms and conditions for providing Union funding to participants in actions under the Programme. Grants should <i>be the main form of support in the Programme</i> . They should be implemented taking into account all forms of contribution set out in the Financial Regulation, including lump sums, flat rates or unit

Commission Decision (EU, Euratom) 2015/444 of 13 March 2015 on the security rules for protecting EU classified information (OJ L 72, 17.3.2015, p. 53).

		administrative burden, and the expected risk of non-compliance. For grants, this should include a consideration of the use of lump sums, flat rates and scales of unit costs as set out in the Financial Regulation, with a view to further simplification. Before any new costs reimbursement system could be deemed a real simplification for the beneficiaries, it should be preceded by an extensive and positive evaluation.	beneficiaries, including the role and tasks of the coordinator where applicable. Close cooperation with Member States experts should be ensured in the drawing up and in any substantial modification of the model grant agreements.	costs, with the view to further simplification. The grant agreement should establish the rights and obligations of the beneficiaries, including the role and tasks of the coordinator where applicable. Close cooperation with Member States experts should be ensured in the drawing up and in any substantial modification of the model grant agreements, inter alia in view of further simplification for beneficiaries.
68	(46) The funding rates in this Regulation are referred to as maximums in order to comply with the co-financing principle.	deleted	(46) The funding rates in this Regulation are referred to as maximums in order to comply with the co-financing principle. Lower funding rates can be set during the Programme implementation only in duly justified cases.	(46) The funding rates in this Regulation are referred to as maximums in order to comply with the co-financing principle.
69	(47) In accordance with the Financial Regulation, the Programme should provide the basis for a wider acceptance of the usual cost accounting	(47) In accordance with Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council (the 'Financial Regulation') ⁵⁵ , the	(47) In accordance with the Financial Regulation, the Programme should provide the basis for a wider acceptance of the usual cost accounting	(47) In accordance with the Financial Regulation, the Programme should provide the basis for a wider acceptance of the usual cost accounting

Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council of 18 July 2018 on the financial rules applicable to the general budget of the Union, amending Regulations (EU) No 1296/2013, (EU) No 1301/2013, (EU) No 1303/2013, (EU) No 1304/2013, (EU)

	with the usual accounting practices of the beneficiaries combining actual direct costs and indirect costs should be an option which could be chosen by all beneficiaries. In this respect, beneficiaries should be able to include actual indirect costs calculated on the basis of	of the beneficiaries combining actual direct costs and indirect costs should be an option which could be chosen by all beneficiaries. In this respect, beneficiaries should be able to include actual indirect costs calculated on the basis of allocation keys in such unit costs for internally invoiced	of the beneficiaries combining actual direct costs and indirect costs should be an option which could be chosen by all beneficiaries. In this respect, beneficiaries should be able to include actual indirect costs calculated on the basis of allocation keys in such unit costs for internally invoiced
	calculated on the basis of allocation keys in such unit costs		
	for internally invoiced goods and services.		
(48) The current system of reimbursement of actual personnel costs should be further simplified building on the project-based remuneration approach developed under	(48) The current system of reimbursement of actual personnel costs should be further simplified building on the project-based remuneration approach developed under Horizon 2020 and further	(48) The current system of reimbursement of actual personnel costs should be further simplified building on the project-based remuneration approach developed under	(48) The current system of reimbursement of actual personnel costs should be further simplified building on the project-based remuneration approach developed under
	reimbursement of actual personnel costs should be further simplified building on the	practices of the beneficiaries combining actual direct costs and indirect costs should be an option which could be chosen by all beneficiaries. In this respect, beneficiaries should be able to include actual indirect costs calculated on the basis of allocation keys in such unit costs for internally invoiced goods and services. (48) The current system of reimbursement of actual personnel costs should be further simplified building on the project-based remuneration practices of the beneficiaries contbining actual direct costs and indirect costs should be an option which could be chosen by all beneficiaries. In this respect, beneficiaries should be able to include actual indirect costs calculated on the basis of allocation keys in such unit costs for internally invoiced goods and services. (48) The current system of reimbursement of actual personnel costs should be further simplified building on the project-based remuneration approach developed	practices of the beneficiaries combining actual direct costs and indirect costs should be an option which could be chosen by all beneficiaries. In this respect, beneficiaries should be able to include actual indirect costs calculated on the basis of allocation keys in such unit costs for internally invoiced goods and services. (48) The current system of reimbursement of actual personnel costs should be further simplified building on the project-based remuneration approach developed under (48) The current system of reimbursement of actual personnel costs should be further simplified building on the project-based remuneration approach developed under

No 1309/2013, (EU) No 1316/2013, (EU) No 223/2014, (EU) No 283/2014, and Decision No 541/2014/EU and repealing Regulation (EU, Euratom) No 966/2012 (OJ L 193, 30.7.2018, p. 1).

	Horizon 2020 and further aligned to the Financial Regulation.	Regulation, aiming to reduce the remuneration gap between EU researchers involved in the Programme.	to the Financial Regulation— aiming to reduce the remuneration gap between EU researchers involved in the Programme.	to the Financial Regulation— aiming to reduce the remuneration gap between EU researchers involved in the Programme.
71	(49) The participant Guarantee Fund set up under Horizon 2020 and managed by the Commission has proved to be an important safeguard mechanism which mitigates the risks associated with the amounts due and not reimbursed by defaulting participants. Therefore, the Beneficiary Guarantee Fund, renamed Mutual Insurance Mechanism ("the Mechanism") should be continued and enlarged to other funding bodies in particular to initiatives pursuant to Article 185 of the TFEU. The Mechanism should be opened to beneficiaries of any other directly managed Union programme.	Unchanged	Unchanged	(49) The participant Guarantee Fund set up under Horizon 2020 and managed by the Commission has proved to be an important safeguard mechanism which mitigates the risks associated with the amounts due and not reimbursed by defaulting participants. Therefore, the Beneficiary Guarantee Fund, renamed Mutual Insurance Mechanism ("the Mechanism") should be continued and enlarged to other funding bodies in particular to initiatives pursuant to Article 185 of the TFEU. The Mechanism may be extended opened to beneficiaries of any other directly managed Union programme. On the basis of a close monitoring of the possible negative returns on the investments made by the Mechanism, the Commission should take appropriate mitigating measures in order to allow the Mechanism to continue its interventions for the protection of the financial

72	(50) Rules governing the exploitation and dissemination of results should be laid down to ensure that beneficiaries protect, exploit, disseminate and provide access to those results as appropriate. More emphasis should be given to exploiting the results, in particular in the Union. Beneficiaries should update their plans regarding the exploitation	(50) Rules governing the exploitation and dissemination of results should be laid down to ensure that beneficiaries protect, exploit, disseminate and provide access to those results as appropriate. More emphasis should be given to exploiting results and the Commission should identify and help maximise opportunities for	(50) Rules governing the exploitation and dissemination of results should be laid down to ensure that beneficiaries protect, exploit, disseminate and provide access to those results as appropriate. More emphasis should be given to exploiting the results, and the Commission should identify and help maximise opportunities for	interests of the Union and to return the contribution to the beneficiaries at the payment of the balance. (50) Rules governing the exploitation and dissemination of results should be laid down to ensure that beneficiaries protect, exploit, disseminate and provide access to those results as appropriate. More emphasis should be given to exploiting the results, and the Commission should identify and help maximise opportunities for
	and dissemination of their results during and after the end of the	beneficiaries to exploit results, in particular in the Union.	beneficiaries to exploit results, in particular in the Union.	beneficiaries to exploit results, in particular in the Union.
	action.	Exploitation should be in	Beneficiaries should update their	Beneficiaries should update their
		consideration of the principles of	plans regarding the exploitation	plans regarding the exploitation
		this programme, including	and dissemination Exploitation	and dissemination Exploitation
		promoting innovation in the	should be in consideration of	should be in consideration of
		Union and strengthening the	their results during and after the	their results during and after the
		European Research Area.	endprinciples of this	endprinciples of this
			programme, including	programme, including
			promoting innovation in the	promoting innovation in the
			action. Union and	action. Union and
			strengthening the European	strengthening the European
7.0	(54) FM 1 1 1 C.1	(51) 771 1 1 (61)	Research Area.	Research Area.
73	(51) The key elements of the	(51) The key elements of the	(51) The key elements of the	(51) The key elements of the
	proposal evaluation and selection	proposal evaluation and selection	proposal evaluation and selection	proposal evaluation and selection
	system of the predecessor programme Horizon 2020 with	system of the predecessor programme Horizon 2020 with its	system of the predecessor programme Horizon 2020 with	system of the predecessor Programme Horizon 2020 with its
	its particular focus on excellence	particular focus on excellence,	its particular focus on excellence	particular focus on excellence
	should be maintained. Proposals	'impact' and 'quality and	should be maintained. Proposals	*
	should be maintained. Floposais	impaci ana quanty ana	snould be maintained. Froposals	and, where applicable, on

should continue to be selected based on the evaluation made by independent experts. Where relevant, the necessity to ensure the overall coherence of the portfolio of projects should be taken into account. efficiency of implementation' *criteria* should be maintained. Proposals should continue to be selected based on the evaluation made by independent experts stemming from as many Member States as possible. The Commission should organise anonymous evaluation where appropriate and analyse its results in order to avoid selection bias. Where relevant, the necessity to ensure the overall coherence of the portfolio of projects should be taken into account by independent experts.

should continue to be selected based on the evaluation made by independent experts. Where relevant, the necessity to ensure the overall coherence of the portfolio of projects should be taken into account. The **Commission should continue to** involve independent observers in the evaluation process where applicable. For EIC pathfinder activities, missions and in other duly justified cases as set out in the work programme, the necessity to ensure the overall coherence of the portfolio of projects may be taken into account, provided that project proposals have passed the applicable thresholds. The objectives and procedures for doing so should be published in advance. In accordance with Article 200 paragraph 7 of the Financial Regulation. applicants should receive feedback on the evaluation of their proposal in particular. where applicable, the reasons for rejection.

'impact' *'quality* and efficiency of implementation', should be maintained. Proposals should continue to be selected based on the evaluation made by independent experts. The evaluation process should be designed to avoid conflict of interest and bias. The possibility of a two-stage submission procedure should be taken into account, and where appropriate, anonymised proposals could be evaluated during the first stage of evaluation. The Commission should continue to involve independent observers in the evaluation process. where applicable. For EIC pathfinder activities, missions and in other duly justified cases as set out in the work programme, necessity to ensure the overall coherence of the portfolio of projects may be taken into account, provided that project proposals have passed the applicable thresholds. The objectives and procedures for doing so should be published in advance. In accordance with Article 200 paragraph 7 of the Financial Regulation. applicants should receive

				feedback on the evaluation of their proposal in particular, where applicable, the reasons for rejection.
74	(52) A wider cross-reliance on audits and assessments — including with other Union programmes — should be envisaged, in order to reduce administrative burden for beneficiaries of Union funds. Cross reliance should be explicitly provided for by considering also other elements of assurance such as systems and processes audits.	(52) Systematic cross-reliance on audits and assessments — with other Union programmes — should be implemented in accordance with Article 127 of the Financial Regulation for all parts of the Programme, in order to reduce administrative burden for beneficiaries of Union funds. Cross reliance should be explicitly provided for by considering also other elements of assurance such as systems and processes audits.	(52) A wider Systematic cross- reliance on audits and assessments — including with other Union programmes — should be envisaged implemented in accordance with Articles 126 and 127 of the Financial Regulation for all parts of the programme, where possible, in order to reduce administrative burden for beneficiaries of Union funds. Cross—reliance should be explicitly provided for by considering also other elements of assurance such as systems and processes audits.	(52) A wider Systematic cross- reliance on audits and assessments — including with other Union programmes — should be envisaged implemented in accordance with Articles 126 and 127 of the Financial Regulation for all parts of the programme, where possible, in order to reduce administrative burden for beneficiaries of Union funds. Cross—reliance should be explicitly provided for by considering also other elements of assurance such as systems and processes audits.
75	(53) Specific challenges in the area of research of innovation should be addressed by prizes, including through common or joint prizes where appropriate, organised by the Commission or funding body with other Union bodies, third countries, international organisations or non-profit legal entities.	(53) Specific challenges in the areas of research and innovation should be addressed by prizes, including through common or joint prizes where appropriate, organised by the Commission or funding body with other Union bodies, third countries, international organisations or non-profit legal entities. In particular, prizes should be awarded to projects attracting scientists to	(53) Specific challenges in the area of research of and innovation should be addressed by prizes, including through common or joint prizes where appropriate, organised by the Commission or funding body with other Union bodies, associated countries, third countries, international organisations or non-profit legal entities.	(53) Specific challenges in the areas of research of and innovation should be addressed by prizes, including through common or joint prizes where appropriate, organised by the Commission or funding body with other Union bodies, associated countries, other third countries, international organisations or non-profit legal entities. <i>Prizes should support</i>

		widening countries as well as to successful projects to increase their visibility and allow to increase the promotion of Union funded actions.		the achievement of the Programme's objectives.
76	(54) The types of financing and the methods of implementation under this Regulation shall be chosen on the basis of their ability to achieve the specific objectives of the actions and to deliver results, taking into account, in particular, the costs of controls, the administrative burden, and the expected risk of non-compliance. For grants, this shall include consideration of the use of lump sums, flat rates and scales of unit cost	(54) Financing <i>types</i> and the methods of implementation under this Regulation shall be chosen on the basis of their ability to achieve the specific objectives of the actions and to deliver results, taking into account, in particular, the costs of controls, the administrative burden, and the expected risk of non-compliance. <i>This should</i> include consideration of the use of lump sums, flat rates and scales of unit costs,	Unchanged	(54) Financing <i>types</i> and the methods of implementation under this Regulation shall be chosen on the basis of their ability to achieve the specific objectives of the actions and to deliver results, taking into account, in particular, the costs of controls, the administrative burden, and the expected risk of non-compliance. <i>This should</i> include consideration of the use of lump sums, flat rates and scales of unit costs,
76.a				continuity in providing support in the relevant policy area and to allow the implementation of the Programme as of the beginning of the multi-annual financial framework 2021-2027, this Regulation should apply, with retroactive effect, from the beginning of the 2021 financial year and enter into force as a matter of urgency.
79	Article 1	Unchanged	Unchanged	
	Subject matter			

80	1. This Regulation establishes Horizon Europe - the Framework Programme for Research and Innovation ('the Programme') and the rules for participation and dissemination in indirect actions under the Programme.	1. This Regulation establishes Horizon Europe - the Framework Programme for Research and Innovation ('the Programme') and the rules for participation and dissemination in indirect actions under the Programme and determines the framework governing Union support to research and innovation activities.	1. This Regulation establishes Horizon Europe - the Framework Programme for Research and Innovation ('the Programme') and the rules for participation and dissemination in indirect actions under the Programme and determines the framework governing Union support to research and innovation activities. The Programme is established for the period from 1 January 2021 to 31 December 2027.	1. This Regulation establishes Horizon Europe - the Framework Programme for Research and Innovation ('the Programme') for the duration of the MFF 2021-2027, sets out and the rules for participation and dissemination in indirect actions under the Programme and determines the framework governing Union support to research and innovation activities for the same duration.
218	Article 8	Unchanged	Unchanged	Unchanged
	European Partnerships			
221a			Financial contributions under programmes co-financed by the ERDF, the ESF+, the EMFF and the EAFRD may be considered as a contribution of the participating Member State for the purpose of Horizon Europe, provided Article 106 and other applicable provisions of the [new Common Provisions Regulation] and the fund-specific regulations are complied with.	Deleted
222.a			Financial contributions under programmes co-financed by the ERDF, the ESF+, the EMFF and the EAFRD may be considered as a contribution of	Deleted

229	Article 9 Budget	Unchanged	the participating Member State for the purpose of Horizon Europe, provided Article 106 and other applicable provisions of the [new Common Provisions Regulation] and the fund-specific regulations are complied with. Unchanged	Unchanged
230	1. The financial envelope for the implementation of the Framework Programme for the period 2021 – 2027 shall be EUR 94 100 000 000 in current prices for the specific programme referred to in Article 1(3)(a) and, in addition, the amount for the specific programme referred to in Article 1(3)(b), as laid down in Regulation establishing the European Defence Fund.	1. The financial envelope for the implementation of the Framework Programme for the period 2021 – 2027 shall be EUR 120 000 000 000 in 2018 prices for the specific programme referred to in Article 1(3)(a) and, in addition, the amount for the specific programme referred to in Article 1(3)(b), as laid down in Regulation establishing the European Defence Fund.	1. The financial envelope for the implementation of the Framework Programme for the period 2021 – 2027 shall be consist of EUR 9485 100 543 000 000 in current prices for the specific programme referred to in Article 1(3)(a) and, in addition, the amount for the European Institute of Innovation and Technology (EIT) and EUR7 953 000 000 in current prices for the specific programme referred to in Article 1(3)(b), as laid down in Regulation establishing the European Defence Fund.	1. The financial envelope for the implementation of the Programme for the period 2021 – 2027 shall be EUR 86 123 000 000 in current prices for the specific programme referred to in Article 1(3)(a) and for the European Institute of Innovation and Technology (EIT) and EUR 7 953 000 000 in current prices for the specific programme referred to in Article 1(3)(b).
231	2. The indicative distribution of the amount referred to in	Unchanged	2. The indicative ⁵⁶ distribution of the amount referred to in paragraph 1, first half sentence	2. The indicative distribution of the amount referred to in paragraph 1, for the specific

⁵⁶ The indicative amounts per individual parts of the Programme have been rounded. This is without prejudice of the cumulative amounts stated under paragraph 2(a), (b), (c) and (d) which add up precisely to the overall budget of the Programme agreed by the European Council in July.

	paragraph 1, first half sentence,		for the specific programme	programme referred to in
	shall be:		referred to in Article 1(3)(a)	Article 1(3)(a) and for the EIT,
	shan be.		and for the EIT, shall be:	shall be:
232	(a) EUR 25 800 000 000 for	(a) 27.42 % for Pillar I	(a) EUR 25 800 23 297 000 000	(a) EUR 23 546 000 000 for
232	Pillar I 'Open Science' for the	'Excellent and Open Science' for	for Pillar I 'Excellent Open	Pillar I 'Excellent Science' for
	period 2021-2027, of which	the period 2021-2027, of which	Science' for the period 2021-	the period 2021-2027, of which
	period 2021-2027, or which	the period 2021-2027, or which	2027, of which	the period 2021-2027, of which
233	(1) EUR 16 600 000 000 for	(1) 17.64 % for the European	(1) EUR 16 600 14 861 000 000	(1) EUR <u>15 027</u> 000 000 for the
233	the European Research Council;	Research Council;	for the European Research	European Research Council;
	the European Research Counch,	Research Council,	Council:	European Research Council,
234	(2) EUR 6 800 000 000 for	(2) 7.23% for Marie	(2) EUR 6 800 6 288 000 000 for	(2) ELID 6 222 000 000 for Maria
254	(2) EUR 6 800 000 000 for Marie Skłodowska-Curie		Marie Skłodowska-Curie	(2) EUR <u>6 333</u> 000 000 for Marie
		Skłodowska-Curie Actions;		Skłodowska-Curie Actions;
225	Actions;	(2) 2550/ 5	Actions;	(2) FUD 2 19(000 000 f- ::
235	(3) EUR 2 400 000 000 for	(3) 2.55% for research	(3) EUR 2 4 00 - <u>149</u> 000 000 for	(3) EUR <u>2 186</u> 000 000 for
22.5	research infrastructures;	infrastructures;	research infrastructures	research infrastructures
236	(b) EUR 52 700 000 000 for	(b) 55.48% for Pillar II 'Global	(b) EUR 52 700 47 179 000 000	(b) EUR <u>47 428</u> 000 000 for
	Pillar II 'Global Challenges and	Challenges and <i>European</i>	for Pillar II 'Global Challenges	Pillar II 'Global Challenges and
	Industrial Competitiveness' for	Industrial Competitiveness' for the	and European Industrial	European Industrial
	the period 2021-2027, of which	period 2021-2027, of which	Competitiveness' for the period	Competitiveness' for the period
			2021-2027, of which	2021-2027, of which
237	(1) EUR 7 700 000 000 for	(1) 8.16% for cluster 'Health';	(1) EUR 7 700 <u>6 893</u> 000 000-for	(1) EUR <u>6 893</u> 000 000 for
	cluster 'Health';		cluster 'Health';	cluster 'Health';
238	(2) EUR 2 800 000 000 for	(2) 2.50% for cluster 'Inclusive	(2) EUR 2 800 000 000 <u>1 253</u>	(2) EUR <u>1 386 000 000</u> for
	cluster 'Inclusive and Secure	and Creative Society';	500 000 for cluster 'Culture,	cluster 'Culture, Creativity and
	Society';		<u>Creativity and</u> Inclusive and	Inclusive Society'
			Secure Society'57	
239		(2 a) 2.00% for cluster 'Secure	(2a) EUR 1 253 500 000 for	(2a) EUR 1 303 000 000 for
		Societies';	cluster 'Civil Security for	cluster 'Civil Security for
			Society'; ⁵⁸	Society';
		I		1 <u> </u>

The combined amount for cluster 2 and cluster 2a is EUR 2 507 000 000.

The combined amount for cluster 2 and cluster 2a is EUR 2 507 000 000.

240	(3) EUR 15 000 000 000 for cluster 'Digital and Industry';	(3) 15.94% for cluster 'Digital, Industry and Space';	(3) EUR <u>15-000</u> <u>13 429</u> 000 000 for cluster 'Digital, and-Industry	(3) EUR <u>13 462</u> 000 000 for cluster 'Digital, Industry <u>and</u>
		and a specific specif	and Space';	Space';
241	(4) EUR 15 000 000 000 for	(4) 15.84% for cluster 'Climate,	(4) EUR 15 000 13 429 000 000	(4) EUR <u>13 462</u> 000 000 for
	cluster 'Climate, Energy and	Energy and Mobility';	for cluster 'Climate, Energy and	cluster 'Climate, Energy and
	Mobility';		Mobility';	Mobility';
242	(5) EUR 10 000 000 000 for	(5) 9.00 % for cluster Food,	(5) EUR 10 000 8 952 000 000	(5) EUR <u>8 952</u> 000 000 for
	cluster 'Food and Natural	Natural Resources and	for cluster 'Food, Bioeconomy,	cluster 'Food, Bioeconomy,
	Resources';	Agriculture';	and Natural Resources.	Natural Resources, Agriculture
			Agriculture and Environment ';	and Environment';
243	(6) EUR 2 200 000 000 for the	(6) 2.04% for the non-nuclear	(6) EUR 2 200 1 970 000 000 for	(6) EUR <u>1 970</u> 000 000 for the
	non-nuclear direct actions of the	direct actions of the Joint	the non-nuclear direct actions of	non-nuclear direct actions of the
	Joint Research Centre (JRC);	Research Centre (JRC).	the Joint Research Centre (JRC);	Joint Research Centre (JRC);
244	(c) EUR 13 500 000 000 for	(c) 12.71% for Pillar III	(c) EUR 13 500 <u>11 886</u> 000 000	(c) EUR <u>11 937</u> 000 000 for
	Pillar III 'Open Innovation' for	'Innovative Europe' for the period	for Pillar III ' Innovative	Pillar III 'Innovative Europe' for
	the period 2021-2027, of which	2021-2027, of which:	Europe Open Innovation' for the	the period 2021-2027, of which
			period 2021-2027, of which	
245	(1) EUR 10 500 000 000 for	(1) 8.71 % for the European	(1) EUR 10 500 <u>8 752</u> 000 000	(1) EUR <u>8 752</u> 000 000 for the
	the European Innovation	Innovation Council (<i>EIC</i>)	for the European Innovation	European Innovation Council:
	Council, including up to EUR	including up to 0.53% for	Council <u>:, including up to</u>	
	500 000 000 for European	European innovation ecosystems;		
	Innovation Ecosystems;			
245.a			(1a) EUR 500 <u>448</u> 000 000 for	(1a) EUR <u>459</u> 000 000 for
			European Innovation	European Innovation
			Ecosystems;	Ecosystems;
246	(2) EUR 3 000 000 000 for the	(2) 4% for the European	(2) EUR 3 000 <u>2 686</u> 000 000 for	(2) EUR <u>2 726</u> 000 000 for the
	European Institute of Innovation	Institute of Innovation and	the European Institute of	European Institute of Innovation
	and Technology (EIT);	Technology (EIT).	Innovation and Technology	and Technology (EIT);
			(EIT);	
247	(d) EUR 2 100 000 000 for	(d) 4.39% for the Part	(d) EUR 23 100 181 000 000 for	(d) EUR <u>3 212</u> 000 000 for Part
	Part 'Strengthening the European	'Strengthening the European	Part 'Widening participation	'Widening participation and
	Research Area' for the period	Research Area' with the following	and Strengthening the European	Strengthening the European
	2021-2027, of which	components:	Research Area' for the period	Research Area' for the period
			2021-2027, of which	2021-2027, of which

248	(1) EUR 1 700 000 000 for 'sharing excellence';	(1) 4.00% for 'Spreading excellence' and widening participation across the Union;	(1) EUR 1 700 2 823 000 000 for 'widening participation and spreading sharing excellence';	(1) EUR <u>2 842</u> 000 000 for 'widening participation and spreading excellence';
249	(2) EUR 400 000 000 for 'reforming and enhancing the European R&I System'.	(2) 0.39% for reforming and enhancing the European R&I System.	(2) EUR 400 358 000 000 for reforming and enhancing the European R&I System'.	(2) EUR <u>370</u> 000 000 for 'reforming and enhancing the European R&I System'.
249.a				2a. As a result of the programme specific adjustment provided for in Article 5 of Council Regulation (EU, Euratom) No XXXX/20XX (the MFF Regulation) the amount referred to in the paragraph 1 for the specific programme referred to in Article 1(3)(a) and for the European Institute of Innovation and Technology (EIT) shall be increased by an additional allocation of EUR 3 000 000 000 in constant 2018 prices as specified in Annex II to that Regulation.
294.b				2b. The indicative distribution of the amount referred to in paragraph 2a shall be as follows:
294.c				(a) EUR 1 286 000 000 in constant 2018 prices for Pillar I 'Excellent Science', of which

294.d		(1) EUR 857 000 000 in
2)4.u		constant 2018 prices for the
		European Research Council;
294.e		(2) EUR 236 000 000 in
294.6		constant 2018 prices for Marie
204.5		Skłodowska-Curie Actions:
294.f		(3) EUR 193 000 000 in
		constant 2018 prices for
20.4		research infrastructures;
294.g		(b) EUR 1 286 000 000 in
		constant 2018 prices for Pillar
		II 'Global Challenges and
		European Industrial
2011		Competitiveness', of which
294.h		(1) EUR 686 000 000 in
		constant 2018 prices for cluster
		<u>'Culture, Creativity and</u>
		Inclusive Society';
294.i		(2) EUR 257 000 000 in
		constant 2018 prices for cluster
		'Civil Security for Society';
294.j		(3) EUR 171 000 000 in
		constant 2018 prices for cluster
		'Digital, and Industry and
		Space';
294.k		(4) EUR 171 000 000 in
		constant 2018 prices for cluster
		'Climate, Energy and
		Mobility';
294.1		(c) EUR 270 000 000 in constant
		2018 prices for Pillar III
		<u>'Innovative</u> EuropeOpen
		Innovation' for the period
		<u>2021-2027, of which</u>

294.m				(1) EUR 60 000 000 in constant 2018 prices for European
20.4				Innovation Ecosystems;
294.n				(2) EUR 210 000 000 in
				constant 2018 prices for the
				European Institute of
				Innovation and Technology
20.4				(EIT);
294.o				(d) EUR 159 000 000 in
				constant 2018 prices for Part
				'Widening participation and
				Strengthening the European
				Research Area' for the period
				<u>2021-2027, of which</u>
294.p				(1) EUR 99 000 000 in constant
				2018 prices for 'widening
				participation and spreading
				sharing excellence';
294.q				(2) EUR 60 000 000 in constant
				2018 prices for 'reforming and
				enhancing the European R&I
				System'.
250	3. In order to respond to	3. In order to respond to	3. In order to respond to	3. In order to respond to
	unforeseen situations or to new	unforeseen situations or to new	unforeseen situations or to new	unforeseen situations or to new
	developments and needs, the	developments and needs, the	developments and needs, the	developments and needs, the
	Commission may, within the	Commission may, within the	Commission may, within the	Commission may, within the
	annual budgetary procedure,	annual budgetary procedure,	annual budgetary procedure,	annual budgetary procedure,
	deviate from the amounts	deviate from the amounts referred	deviate from the amounts	deviate from the amounts
	referred to in paragraph 2 up to a	to in paragraph 2 up to a	referred to in paragraph 2 up to a	referred to in paragraph 2 up to a
	maximum of 10%. No such	maximum of 10%, including the	maximum of 10%. No such	maximum of 10%. No such
	deviation shall be allowed in	allocation of the contributions	deviation shall be allowed in	deviation shall be allowed in
	respect of the amounts referred to	from associated countries.	respect of the amounts referred to	respect of the amounts referred to
	in points (b) (6) of paragraph 2 of		in points (b) (6) of paragraph 2 of	in points (b) (6) of paragraph 2 of
	this Article and the total amount		this Article and the total amount	this Article and the total amount

	set out for Part 'Strengthening the European Research Area' of paragraph 2 of this Article.		set out for Part ' <u>Widening</u> participation and Strengthening the European Research Area' of paragraph 2 of this Article.	set out for Part ' <u>Widening</u> participation and Strengthening the European Research Area' of paragraph 2 of this Article.
251	N/A	N/A	N/A	N/A
252	N/A	N/A	N/A	N/A
253		3c. 45% of the budget of cluster 'Inclusive and Creative Society' shall support research on cultural and creative sectors, including the Union's cultural heritage, that shall include EUR 300 million to be earmarked for the creation of a European Cultural Heritage Cloud, as set out in Annex I to the Specific Programme following an impact assessment to be presented to the European Parliament.		deleted
254		3d. At least EUR 1 billion shall aim to be dedicated to Quantum Research under the 'Digital, Industry and Space' cluster under Pillar II.		deleted
258	7. Without prejudice to the Financial Regulation, expenditure for actions resulting from projects included in the first work programme may be eligible as from 1 January 2021.	Unchanged	Unchanged	(7) Without prejudice to the Financial Regulation, expenditure for actions resulting from projects included in the first work programme may be eligible as from 1 January 2021.

				7. In accordance with point (a) of the second subparagraph of Article 193(2) of Regulation (EU, Euratom) No 2018/1046, in duly justified cases specified in the financing decision and for a limited period, activities supported under this Regulation and the underlying costs may be considered eligible as of 1 January 2021, even if they were implemented and incurred before the grant application was submitted.
259	8. Resources allocated to Member States under shared management and transferrable in accordance with Article 21 of Regulation (EU) XX [Common Provisions Regulation] may, at their request, be transferred to the Programme. The Commission shall implement those resources directly in accordance with point (a) of Article 62(1) of the Financial Regulation or indirectly in accordance with point (c) of that Article. Where possible, those resources shall be used for the benefit of the Member State concerned.	Deleted	8. Resources allocated to Member States under shared management and transferrable in accordance with Article 21 of Regulation (EU) XX [Common Provisions Regulation] may, at their request, be transferred to the Programme. The Commission shall implement those resources directly in accordance with point (a) of Article 62(1) of the Financial Regulation or indirectly in accordance with point (c) of that Article. Where possible, tThose resources shall be used for the benefit of the Member State concerned.	Deleted

260.a		9. Where the Commission has not made the legal commitment under direct or indirect management for resources transferred in accordance with paragraph 8, the corresponding uncommitted resources may be transferred back to one or more respective operational programmes. The Member State shall submit a corresponding request for a respective operational programme amendment in accordance with art. 19(1) of Regulation (EU) XX [Common Provisions Regulation] at the latest four months before the deadline set out in Article 114(2) of Regulation 2018/1046.	Deleted
260.b	Article 9a Resources from the European	Article 9a Resources from the European	Article 9a Resources from the European
	Union Recovery Instrument	Union Recovery Instrument	Union Recovery Instrument
260.c	Measures referred to in Article 2 of Regulation [ERI] shall be implemented under this Programme through amounts referred to in point (v) of Article 3(2)(a) of that Regulation [ERI], subject to its Article 4(4) and (8).	1. Measures referred to in Article 2 1(2) of Regulation [ERI] shall be implemented under this Programme through amounts referred to in [point (viv) of Article 32(2)(a)] of that Regulation [ERI], subject to its Article [4(4) 3(3), (4), (7) and (98)].	2. Measures referred to in Article 2 1(2) of Regulation [ERI] shall be implemented under this Programme through amounts referred to in [point (viv) of Article 32(2)(a)] of that Regulation [ERI], subject to its Article [4(4) 3(3), (4), (7) and (98)].

260.d	These amounts shall constitute external assigned revenue in accordance with Article 21(5) of the Financial Regulation."		2. These Those amounts shall constitute external assigned revenue as set out in Article 3(1) of Regulation [ERI] in accordance with Article 21(5) of the Financial Regulation. These additional amounts shall exclusively be allocated to actions for research and innovation directed at addressing the consequences of the COVID-19 crisis, notably its economic, social and societal impact.	2. These Those amounts shall constitute external assigned revenue as set out in Article 3(1) of Regulation [ERI] in accordance with Article 21(5) of the Financial Regulation. These additional amounts shall exclusively be allocated to actions for research and innovation directed at addressing the consequences of the COVID-19 crisis, notably its economic, social and societal impact. Priority shall be given to innovative SMEs and special attention needs to be paid to their integration in collaborative projects under Pillar II.
260.e				2a. The indicative distribution of the amount referred to in paragraph 1, second indent, shall be:
260.f				(a) 25% to cluster 'Health';
260.g				(b) 25% to cluster 'Digital, Industry and Space';
260.h				(c) 25% to cluster 'Climate, Energy and Mobility';
260.i				(d) 25% to the European Innovation Council.
267	Article 11	Article 11	Article 11	Article 11

	Complementary and combined funding	Complementary, combined <i>and cumulative</i> funding	Complementary Alternative and combined funding	Complementary Alternative, combined, cumulative funding and transfers of resources
268		1. Horizon Europe shall be implemented in synergy with other Union funding programmes while seeking maximal administrative simplification. A non-exhaustive list of synergies with other funding programmes is included in Annex IV. A The Horizon Europe single set of rules shall apply for an RDI co-funded action.		1. The Programme shall be implemented in synergy with other Union funding programmes, in line with the principle set out in Article 6a(5a).
269	Actions awarded a Seal of Excellence certification, or which comply with the following cumulative, comparative, conditions:	2. The Seal of Excellence shall be awarded for all parts of the Programme. Actions awarded a Seal of Excellence certification, or which comply with the following cumulative, comparative, conditions:	Actions awarded a Seal of Excellence certification <u>under</u> this Programme, or which comply with the following cumulative, comparative, conditions:	2. The Seal of Excellence shall be awarded for calls specified in the work programme. Actions awarded a Seal of Excellence certification under this Programme complying with the following cumulative, comparative, conditions:
270	(a) they have been assessed in a call for proposals under the Programme;	Unchanged	Unchanged	Unchanged
270a	(b) they comply with the minimum quality requirements of that call for proposals;	Unchanged	Unchanged	Unchanged
271	(c) they may not be financed under that call for proposals due to budgetary constraints,	Unchanged	(c) they may not be financed under that call for proposals only due to budgetary constraints,	(c) they may not be financed under that call for proposals <u>only</u> due to budgetary constraints,
272	may receive support from the European Regional Development	may receive support from national or regional funds,	and co-funded actions selected under the Programme may	and co-funded actions selected under the Programme may

	management and monitoring of the Common Agricultural Policy], provided that such actions are consistent with the objectives of the programme concerned. The rules of the Fund providing support shall apply.	Article [8] or Regulation (EU) XX [Financing, management and monitoring of the Common Agricultural Policy], without requiring any further application and evaluation and provided that such actions are consistent with the objectives of the programme concerned. With the exception of state aid rules, the rules of the Fund providing support shall	Regulation] and paragraph 4 of Article [873] of Regulation (EU) XX [CAP Strategic Plan Regulation Financing, management and monitoring of the Common Agricultural Policy], provided that such actions are consistent with the objectives of the programme concerned. The rules of the Fund providing support shall apply.]	Regulation] and paragraph 4 of Article [873] of Regulation (EU) XX [CAP Strategic Plan Regulation Financing, management and monitoring of the Common Agricultural Policy], provided that such actions are consistent with the objectives of the programme concerned. The rules of the Fund providing support shall apply.].
272a		apply.		3. Financial contributions under programmes co-financed by the ERDF, the ESF+, the EMFF and the EAFRD may be considered as a contribution of the participating Member State to European Partnerships under Article 8.1 (b) and (c), provided Article 106 and other applicable provisions of the [new Common Provisions Regulation] and the fund-

			specific regulations are
			complied with.
272b			4. An action that has received a contribution from another Union programme may also receive a
			contribution under the
			Programme, provided that the
			contributions do not cover the
			same costs. The rules of each
			contributing Union programme
			shall apply to its respective
			contribution to the action. The
			cumulative funding shall not
			exceed the total eligible costs of
			the action and the support from
			different Union programmes may
			be calculated on a pro-rata basis in accordance with the
			documents setting out the
			conditions for support.
273	2a.	In accordance with Article	5. Resources allocated to
2,3		of Regulation (EU) XX [Member States under shared
		mmon Provisions Regulation],	management and transferrable
		managing authority, on a	in accordance with Article 21
	volu	untary basis, may request the	of Regulation (EU) XX
	tran	nsfer of parts of its financial	[Common Provisions
		ocations to Horizon Europe.	Regulation may, at their
		insferred resources shall be	request, be transferred to the
	_	plemented in accordance with	Programme. The Commission
		rules of Horizon Europe. In	shall implement those
		lition, the Commission shall	resources directly in
		sure that such transferred	accordance with point (a) of
	The state of the s	nds are earmarked entirely for	Article 62(1) of the Financial
	prog	grammes and/or projects	Regulation or indirectly in

	which will be implemented in the Member State or region, as applicable, they originated from.	accordance with point (c) of that Article. Those resources shall be used for the benefit of the Member State concerned.
273a		6. Where the Commission has not entered into a legal commitment under direct or indirect management for resources transferred in accordance with paragraph 5, the corresponding uncommitted resources may be transferred back to one or more respective source programmes, at the request of the Member State, in accordance with the conditions set out in Article 21 of Regulation (EU) XX [Common Provisions Regulation].
274	2b. With prior authorisation from the applicants, the Commission shall include the allocations referred to in this Article in the information system on selected projects in order to allow for a fast exchange of information and enable financing authorities to provide funding to the selected actions.	Deleted

		An action that has received a contribution from another Union programme may also receive a contribution under the Programme, provided that the contributions do not cover the same costs.		
275	Article 12	Unchanged	Unchanged	Unchanged
	Third countries associated to			
0.7.4	the Programme			
276	1. The Programme shall be	Unchanged	Unchanged	Unchanged
	open to association of the following third countries:			
277	(a) European Free Trade	Unchanged	Unchanged	Unchanged
211	Association (EFTA) members	Chehangea	Onenangea	Onchangea
	which are members of the			
	European Economic Area (EEA),			
	in accordance with the conditions			
	laid down in the EEA agreement;			
278	(b) acceding countries,	Unchanged	Unchanged	Unchanged
	candidate countries and potential			
	candidates, in accordance with			
	the general principles and general terms and conditions for			
	the participation of those			
	countries in Union programmes			
	established in the respective			
	framework agreements and			
	Association Council decisions, or			
	similar agreements, and in			
	accordance with the specific			
	conditions laid down in			
	agreements between the Union			
	and those countries;			

279	(c) countries covered by the	Unchanged	Unchanged	Unchanged
	European Neighbourhood Policy,	Ü	G	
	in accordance with the general			
	principles and general terms and			
	conditions for the participation of			
	those countries in Union			
	programmes established in the			
	respective framework			
	agreements and Association			
	Council decisions, or similar			
	agreements, and in accordance			
	with the specific conditions laid			
	down in agreements between the			
	Union and those countries;			
280	(d) third countries and	Unchanged	Unchanged	Unchanged
	territories that fulfil all of the			
	following criteria:			
281	i. a good capacity in science,	Unchanged	Unchanged	Unchanged
	technology and innovation;			
282	ii. commitment to a rules-	ii. commitment to a rules-	Unchanged	ii. commitment to a rules-
	based open market economy,	based open market economy,		based open market economy,
	including fair and equitable	including fair and equitable		including fair and equitable
	dealing with intellectual property	dealing with intellectual property		dealing with intellectual property
	rights, backed by democratic	rights, respect of human rights,		rights, respect of human rights,
	institutions;	backed by democratic institutions;		backed by democratic
202		** 1	** *	institutions;
283	iii. active promotion of	Unchanged	Unchanged	Unchanged
	policies to improve the economic			
204	and social well-being of citizens.	E. II	1111	A
284	Association to the Programme of	Full or partial association to the	Unchanged	Association to the Programme of
	each of the third countries under	Programme of each of the third		each of the third countries under
	point(d) shall be in accordance	countries under point(d) shall be		point(d) shall be in accordance
	with the conditions laid down in	based on an assessment of the		with the conditions laid down in
	a specific agreement covering the	benefits for the Union. It shall in		an agreement covering the

	participation of the third country to any Union programme, provided that the agreement:	particular be in accordance with the conditions laid down in a specific agreement covering the participation of the third country to any Union programme, provided that the agreement:		participation of the third country to any Union programme, provided that the agreement:
285	 ensures a fair balance as regards the contributions and benefits of the third country participating in the Union programmes; 	Unchanged	Unchanged	Unchanged
286		- confers the right to coordinate an action under the Programme provided that it benefits the Union and that the protection of Union's financial interest is ensured;		deleted
287	 lays down the conditions of participation in the programmes, including the calculation of financial contributions to individual programmes and their administrative costs. These contributions shall constitute assigned revenues in accordance with Article 21(5) of the Financial Regulation; 	- lays down the conditions of participation in the <i>Programme</i> including the calculation of financial contributions to individual (<i>sub-</i>) programmes and their administrative costs. These contributions shall constitute assigned revenues in accordance with Article 21(5) of the Financial Regulation;	Unchanged	- lays down the conditions of participation in the <i>Union</i> programmes, including the calculation of financial contributions to individual programmes and their administrative costs. These contributions shall constitute assigned revenues in accordance with Article 21(5) of the Financial Regulation;
288	 does not confer to the third country a decisional power on the programme; 	Unchanged	does not confer to the third country a decisional power <u>in</u> respect of on-the programme;	- does not confer to the third country a decisional power <u>in</u> respect of on-the programme;
289	 guarantees the rights of the Union to ensure sound financial 	 guarantees the rights of the Union to ensure sound financial 	Unchanged	- guarantees the rights of the Union to ensure sound financial

	management and to protect its	management and to protect <i>the</i>		management and to protect <i>the</i>
	financial interests.	<i>Union's</i> financial interests.		<i>Union's</i> financial interests.
290	2. The scope of association of	2. The scope of association of	Unchanged	2. The scope of association of
	each third country to the	each third country to the	-	each third country to the
	Programme shall take into	Programme shall take into account		Programme shall take into
	account the objective of driving	the objective of driving economic		account an analysis of the
	economic growth in the Union	growth in the Union through		benefits for the Union and the
	through innovation. Accordingly,	innovation and shall avoid the		objective of driving economic
	with the exception of EEA	brain drain from the Union.		growth in the Union through
	members, acceding countries,	Accordingly, with the exception		innovation. Accordingly, with
	candidate countries and potential	of EEA members, acceding		the exception of EEA members,
	candidates, parts of the	countries, candidate countries and		acceding countries, candidate
	Programme may be excluded	potential candidates, mono-		countries and potential
	from an association agreement	beneficiary parts of the		candidates, parts of the
	for a specific country.	Programme may be excluded from		Programme may be excluded
		an association agreement for a		from an association agreement
		specific country, in particular		for a specific country.
		those dedicated to private entities.		
291	3. The association agreement	3. The association agreement	3. The association agreement	3. The association agreement
	shall, where appropriate, provide	shall, where appropriate, provide	shall, <u>as far as possible</u> where	shall, <u>as far as possible</u> where
	for the participation of legal	for and pursue reciprocal	appropriate, provide for the	appropriate, provide for the
	entities established in the Union	participation of legal entities	reciprocal participation of legal	reciprocal participation of legal
	in equivalent programmes of	established in the Union in	entities established in the Union	entities established in the Union
	associated countries in	equivalent programmes of	in equivalent programmes of	in equivalent programmes of
	accordance with the conditions	associated countries in accordance	associated countries in	associated countries in
	laid down therein.	with the conditions laid down	accordance with the conditions	accordance with the conditions
		therein.	laid down therein.	laid down therein.
292	4. The conditions determining	4. The association agreement	Unchanged	4. The conditions determining
	the level of financial contribution	conditions determining the level		the level of financial contribution
	shall ensure an automatic	of financial contribution shall		shall ensure a <i>regular</i> automatic
	correction of any significant	ensure an automatic correction,		correction of any significant
	imbalance compared to the	every two years of any significant		imbalance compared to the
	amount that entities established	imbalance compared to the		amount that entities established
	in the associated country receive	amount that entities established in		in the associated country receive

	through participation in the Programme, taking into account the costs in the management, execution and operation of the Programme.	the associated country receive through participation in the Programme, taking into account the costs in the management, execution and operation of the Programme.		through participation in the Programme, taking into account the costs in the management, execution and operation of the Programme.
293		4a. The contributions of all associated countries shall be included in the relevant parts of the Programme provided that the budget breakdown as specified in Article 9, paragraph 2 is respected. The Commission shall report to the Council and the Parliament during the annual budgetary procedure the total budget of each part of the Programme, identifying each of the associated countries, individual contributions and their financial balance.		(4a) The allocation of those financial contributions shall take into account the level of participation of legal entities of the associated countries in each part of the Programme.
332	Article 18 Entities eligible for participation	Unchanged	Unchanged	
338	4. Coordination and support actions may be implemented by one or more legal entities, which may be established in a Member State, associated country or in another third country.	4. Coordination and support actions may be implemented by one or more legal entities, which may be established in a Member State <i>or</i> associated country or in another third country.	4. Coordination and support actions may be implemented by one or more legal entities, which may be established in a Member State, associated country or, in exceptional cases, in another third country	4. Coordination and support actions may be implemented by one or more legal entities, which may be established in a Member State, associated country or, in exceptional cases, in another third country
339	5. For actions related to Union strategic assets, interests, autonomy or security, the work	Unchanged	5. For actions related to Union strategic assets, interests, autonomy or security, the work	5. For actions related to Union strategic assets, interests, autonomy or security, the work

programme may provide that the programme may provide that the programme may provide that the participation can be limited to participation can be limited to participation can be limited to those legal entities established in those legal entities established in those legal entities established in Member States only, or to those Member States only, or, to those Member States only, or, to those legal entities established in legal entities established in legal entities established in specified associated or other specified associated or other third specified associated or other third countries in addition to countries in addition to Member third countries in addition to Member States. States. Any limitation of the Member States. Any limitation participation of legal entities of the participation of legal established in associated entities established in countries which are EEA associated countries which are members shall be in **EEA** members shall be in accordance with the terms and accordance with the terms and conditions of the EEA conditions of the EEA Agreement. For duly justified Agreement. For duly justified and exceptional reasons, in and exceptional reasons, in order to guarantee the order to guarantee the protection of the strategic protection of the strategic interests of the Union and its interests of the Union and its Member States, the work Member States, the work programme may also exclude programme may also exclude the participation of legal the participation of legal entities established in the entities established in the Union or in associated Union or in associated countries directly or indirectly countries directly or indirectly controlled by non-associated controlled by non-associated third countries or by legal third countries or by legal entities of non-associated third entities of non-associated third countries from individual calls, countries from individual calls, or make their participation or make their participation subject to conditions set out in subject to conditions set out in the work programme. the work programme. 401 For actions benefiting from For actions benefiting from For actions benefiting For actions benefiting amounts under Article 9(8), the amounts under Article 11, the from amounts under Article 9(8), from amounts under Article

405	participation shall be limited to a single legal entity established in the jurisdiction of the delegating Managing Authority, except if otherwise agreed with the Managing Authority and provided for in the work programme. Article 19	participation shall be limited to a single legal entity established in the jurisdiction of the delegating Managing Authority, except if otherwise agreed with the Managing Authority and provided for in the work programme. Unchanged	the participation shall be limited to a single legal entity established in the jurisdiction of the delegating Managing Authority, except if otherwise agreed with the Managing Authority and provided for in the work programme. Unchanged	11(5)9(8), the participation shall be limited to a single legal entity established in the jurisdiction of the delegating Managing Authority, except if otherwise agreed with the Managing Authority and provided for in the work programme. Unchanged
403	Entities eligible for funding	Onchangea	Onenangea	Onemangea
406	1. Entities are eligible for funding if they are established in a Member State or associated country.	1. Entities are eligible for funding if they are established in a Member State or associated country as referred to in Article 12.	Unchanged	Unchanged
407	For actions benefiting from amounts under Article 9(8), only entities established in the jurisdiction of the delegating Managing Authority shall be eligible for funding out of these amounts.	For actions benefiting from amounts under Article 11(3), only entities established in the jurisdiction of the delegating Managing Authority shall be eligible for funding out of these amounts.	Unchanged	For actions benefiting from amounts under Article 11(5), only entities established in the jurisdiction of the delegating Managing Authority shall be eligible for funding out of these amounts, except if otherwise agreed by the Managing Authority.
409		1b. Low to middle income countries and exceptionally for other non-associated third countries they could be eligible for funding in an action if:		deleted

410		(a) the third country is identified in the work programme; and		deleted
411		(b) the Commission or funding body consider that its participation is essential for implementing the action;		deleted
412	2. Entities established in a non-associated third country should in principle bear the cost of their participation. However, for low to middle income countries and exceptionally for other non-associated third countries they could be eligible for funding in an action if:	2. Entities established in other non-associated third country should bear the cost of their participation. R&D agreements between those non-associated third countries and the Union can be made wherever deemed useful, and co-funding mechanism similar to the ones agreed inside Horizon 2020 may be established. Those countries shall ensure reciprocal access for Union legal entities to those countries' RDI funding programmes, as well as reciprocity in open access to scientific results and data and to fair and equitable terms for intellectual property rights.	Unchanged	2. Entities established in a non-associated third country shall bear the cost of their participation. By way of derogation from the first subparagraph, entities established in low to middle income non-associated third countries and, exceptionally, other non-associated third countries, shall be eligible for funding in an action if:
413	(a) the third country is identified in the work programme adopted by the Commission; or	Deleted	Unchanged	(a) the third country is identified in the work programme adopted by the Commission; or

414	(b) the Commission or funding body consider that its participation is essential for implementing the action;	Deleted	Unchanged	(b) the Commission or funding body considers that the participation of the entity concerned is essential for implementing the action;
415	3. Affiliated entities are eligible for funding in an action if they are established in a Member State, Associated country, or in a third country identified in the work programme adopted by the Commission.	3. Affiliated entities are eligible for funding in an action if they are established in a Member State, <i>or</i> Associated country.	Unchanged	Unchanged
416		3a. The Commission shall report to the Parliament and the Council specifying, for each nonassociated third country, the amount of the Union's financial contributions provided to the participating entities and the amount of the financial contributions provided by the same country to Union entities participating in their activities.		3a. "The Commission shall make available on a regular basis to the Council and the Parliament information concerning the amount of the Union's financial contributions provided to entities established in associated and non-associated third countries. With regards to associated countries, this shall also include information on their financial balance."
444	Article 23 Cumulative funding	Deleted	Article 23 Cumulative funding 19 19. [Subject to the outcome of negotiations on the respective legal acts.]	Deleted

445	An action that has received a	Deleted	Unchanged	Deleted
	contribution from another Union			
	programme may also receive a			
	contribution under the			
	Programme, provided that the			
	contributions do not cover the			
	same costs. The rules of each			
	contributing Union programme			
	shall apply to its respective			
	contribution to the action. The			
	cumulative funding shall not			
	exceed the total eligible costs of			
	the action and the support from			
	different Union programmes may			
	be calculated on a pro-rata basis			
	in accordance with the			
	documents setting out the			
	conditions for support.			
712	Article 49	Unchanged	Unchanged	Unchanged
	Protection of financial interests			
	of the Union			
713	1. The Commission or its	Unchanged	1. Where a third country	Where a third country
	representatives, and the Court of		participates in the Programme	participates in the Programme by
	Auditors, shall have the power of		by a decision under an	means of a decision adopted
	audit or, in the case of		international agreement or by	pursuant to an international
	international organisations, the		virtue of any other legal	agreement or on the basis of any
	power of verification in		instrument, the third country	other legal instrument, the third
	accordance with agreements		shall grant the necessary rights	country shall grant the necessary
	reached with them, on the basis		and access required for the	rights and access required for the
	of documents and on-the-spot,		authorising officer responsible,	authorising officer responsible,
	over all grant beneficiaries,		OLAF and the ECA to	OLAF and the Court of Auditors
	contractors and subcontractors		comprehensively exert their	to comprehensively exercise their
	who have received Union funds		respective competences. In the	respective competences. In the
	under this Regulation.		case of OLAF, such rights shall	case of OLAF, such rights shall

			include the right to carry out investigations, including onthe-spot checks and inspections, as provided for in Regulation (EU, Euratom) No 883/2013. The Commission or its representatives, and the Court of Auditors, shall have the power of audit or, in the case of international organisations, the power of verification in accordance with agreements reached with them, on the basis of documents and on-the-spot, over all grant beneficiaries, contractors and subcontractors who have received Union funds	include the right to carry out investigations, including on-the-spot checks and inspections, as provided for in Regulation (EU, Euratom) No 883/2013.
714	2. The European Anti-Fraud Office (OLAF) may carry out administrative investigations, including on-the-spot checks and inspections, in accordance with the provisions and procedures laid down in Regulation (EU, Euratom) No 883/2013 of the European Parliament and of the Council and Council Regulation (Euratom, EC) No 2185/96, with a view to establishing whether there has been fraud, corruption or any other illegal activity affecting the financial interests of the Union in connection with	Unchanged	under this Regulation. Deleted	Deleted

	TT ' C 1' 1 1 .			
	Union funding or budgetary			
	guarantees under this Regulation.			
715	3. Competent authorities of	Unchanged	Deleted	Deleted
	third countries and international			
	organisations may also be			
	required to cooperate with the			
	European Public Prosecutor's			
	Office (EPPO), in accordance			
	with Mutual Legal Assistance			
	Agreements, when it carries out			
	investigations into criminal			
	offences falling within its			
	competence in accordance with			
	Regulation (EU) 2017/1939.			
716	4. Without prejudice to	Unchanged	Deleted	Deleted
	paragraphs 1 and 2, cooperation			
	agreements with third countries			
	and with international			
	organisations, contracts, grant			
	agreements and other legal			
	commitments, as well as			
	agreements establishing a			
	budgetary guarantee, resulting			
	from the implementation of this			
	Regulation shall contain			
	provisions expressly empowering			
	the Commission, the Court of			
	Auditors and OLAF to conduct			
	such audits, on-the-spot checks			
	and inspections, according to			
	their respective competences.			
	This shall include provisions to			
	ensure that any third parties			
	involved in the implementation			

	of Union funds or of a financing operation supported, in whole or in part, by a budgetary guarantee grant equivalent rights.			
730	Article 53 Entry into force	Unchanged	Unchanged	Unchanged
731	This Regulation shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union.	Unchanged	Unchanged	This Regulation shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union. It shall apply from 1 January 2021.
732	This Regulation shall be binding in its entirety and directly applicable in all Member States.	Unchanged	Unchanged	Unchanged

797	ANNEX III PARTNERSHIPS			
811		ea. In agreement with regional authorities, ERDF shall be accepted as a partial national contribution for Programme co-funding of actions involving Member States.		Deleted
825	ANNEX IV SYNERGIES WITH OTHER PROGRAMMES	Unchanged	Unchanged	Unchanged
825.a			In order to maximise the impact of research and innovation on society, environment and economy at large and to contribute to the achievement of the Union's objectives, Union funding programmes must be coherent and work in synergy. Synergies are based on complementarity between programme design and objectives and on compatibility of financing rules and processes at implementation level. Funding from Horizon Europe shall only be used to finance research and innovation activities. The Strategic Planning process shall ensure the alignment of priorities for	Synergies are based on complementarity between programme design and objectives and on compatibility of financing rules and processes at implementation level. Funding from Horizon Europe shall only be used to finance research and innovation activities. The Strategic Planning process shall ensure the alignment of priorities for the different Union funding programmes and ensure coherent funding options at different stages of the research and innovation cycle. Amongst others, missions and partnerships shall benefit from synergies with other Union

the different Union funding programmes and ensure coherent funding options at different stages of the research and innovation cycle. Amongst others, missions and partnerships shall benefit from synergies with other Union funding programmes and policies. The deployment of research results and innovative solutions developed in the Framework Programme shall be facilitated with the support of other Union funding programmes, in particular through dissemination and exploitation strategies, transfer of knowledge, complementary and cumulative funding sources, and accompanying policy measures. **Funding for research and** innovation activities shall profit from harmonised rules that are designed to ensure EU added value, to avoid overlaps with different Union programmes and to seek maximum efficiency and administrative simplification.

funding programmes and policies. The deployment of research results and innovative solutions developed in the Framework Programme shall be facilitated with the support of other Union funding programmes, in particular through dissemination and exploitation strategies, transfer of knowledge, complementary and cumulative funding sources, and accompanying policy measures. Funding for research and innovation activities shall profit from harmonised rules that are designed to ensure EU added value, to avoid overlaps with different Union programmes and to seek maximum efficiency and administrative simplification.

825.b			The paragraphs below set out in more detail how these synergies shall apply between the Framework Programme and the different Union programmes.	The paragraphs below set out in more detail how these synergies shall apply between the Framework Programme and the different Union programmes.
826	1. Synergies with the European Agricultural Guarantee Fund and the European Agricultural Fund for Rural Development (Common Agricultural Policy-CAP) will ensure that:	Unchanged	1. Synergies with the European Agricultural Guarantee Fund (EAGF) and the European Agricultural Fund for Rural Development (EAFRD) (Common Agricultural Policy- CAP) willshall ensure that:	1. Synergies with the European Agricultural Guarantee Fund (EAGF) and the European Agricultural Fund for Rural Development (EAFRD) (Common Agricultural Policy- CAP) willshall ensure that:
827	(a) research and innovation needs of the agricultural sector and rural areas within the EU are identified notably within the European Innovation Partnership "agricultural productivity and sustainability" and taken into consideration in the Programme's strategic research and innovation planning process and the work programmes;	Unchanged	(a) the research and innovation needs of the agricultural sector and rural areas within the EU are identified notablyfor example within the European Innovation Partnership "agricultural productivity and sustainability" and taken into consideration in both the Framework Programme's strategic research and innovation planning process and the work programmes;	(a) the research and innovation needs of the agricultural sector and rural areas within the EU are identified notablyfor example within the European Innovation Partnership "agricultural productivity and sustainability" and taken into consideration in both the Programme's strategic research and innovation planning process and the work programmes;
828	(b) the CAP makes the best use of research and innovation results and promotes the use,	(b) the CAP makes the best use of research and innovation results and promotes the use,	Unchanged	(b) the CAP makes the best use of research and innovation results and promotes the use,

Communication from the Commission to the European Parliament and the Council on the European Innovation Partnership 'Agricultural Productivity and Sustainability' (COM(2012) 79 final).

Communication from the Commission to the European Parliament and the Council on the European Innovation Partnership 'Agricultural Productivity and Sustainability' (COM(2012) 79 final).

	implementation and deployment of innovative solutions, including those stemming from projects funded by the Framework Programmes for research and innovation and from the European Innovation Partnership "agricultural productivity and sustainability";	implementation and deployment of innovative solutions, including those stemming from projects funded by the Framework Programmes for research and innovation and from the European Innovation Partnership "agricultural productivity and sustainability" and relevant EIT Knowledge and Innovation Communities (KICs);		implementation and deployment of innovative solutions, including those stemming from projects funded by the Framework Programmes for research and innovation, from the European Innovation Partnership "agricultural productivity and sustainability" and relevant Knowledge and Innovation Communities (KICs) of the European Institute of Innovation and Technology (EIT);
829	(c) the EAFRD supports the uptake and dissemination of knowledge and solutions stemming from the Programme's results leading to a more dynamic farming sector and new openings for the development of rural areas.	Unchanged	(c) the EAFRD supports the uptake and dissemination of knowledge and solutions stemming from the <u>Framework</u> Programme's results leading to a more dynamic farming sector and new openings for the development of rural areas.	Unchanged
830	2. Synergies with the European Maritime and Fisheries Fund (EMFF) will ensure that:	Unchanged	2. Synergies with the European Maritime and Fisheries Fund (EMFF) willshall ensure that:	2. Synergies with the European Maritime and Fisheries Fund (EMFF) willshall ensure that:
831	(a) the Programme and the EMFF are largely interlinked as EU research and innovation needs in the field of marine and maritime policy will be translated through the Programme's strategic research and innovation planning process;	Unchanged	(a) the <u>Framework</u> Programme and the EMFF are largelyclosely interlinked as EU research and innovation needs in the field of marine and integrated maritime policy will be translated through the <u>Framework</u> Programme's	(a) the Programme and the EMFF are largelyclosely interlinked as EU research and innovation needs in the field of marine and integrated maritime policy will be translated through the Programme's strategic

(b) the EMFF supports the rolling out of novel technologies and innovative products, processes and services, in particular those resulting from the Programme in the fields of marine and maritime policy; the EMFF also promotes ground data collection and data processing and disseminates relevant actions supported under the Programme, which in turn contributes to the implementation of the Common Fisheries Policy, the EU Maritime Policy and International Ocean Governance. 833 3. Synergies with the European Regional Development Fund (ERDF) will ensure that: (b) the EMFF supports the rolling out of novel technologies and innovative products, processes; (b) the EMFF supports the rolling out of novel technologies and innovative products, processes and services, in particular those resulting from the Programme in the fields of marine and maritime policy; the Empre and maritime policy; the EMFF also promotes ground data collection and data processing and disseminates relevant actions supported under the Programme, which in turn contributes to the implementation of the Common Fisheries Policy, the EU Maritime Policy and International Ocean Governance. 833 3. Synergies with the European Regional Development Fund (ERDF) will ensure that: 834 (a) arrangements for combined (b) the EMFF supports the rolling out of novel technologies and innovative products, processes and services, in particular those resulting from the Programme in the fields of marine and maritime policy; the EMFF also promotes ground data collection and data processing and disseminates relevant actions supported under the Programme, which in turn contributes to the implementation of the Common Fisheries Policy, the EU Maritime Policy and International Ocean Governance. 833 3. Synergies with the European Regional Development Fund (ERDF) willshall ensure that: 834 (a) arrangements for combined				strategic research and innovation	research and innovation-planning
(b) the EMFF supports the rolling out of novel technologies and innovative products, processes and services, in particular those resulting from the Programme in the fields of marine and maritime policy; the EMFF also promotes ground data collection and data processing and disseminates relevant actions supported under the Programme, which in turn contributes to the implementation of the Common Fisheries Policy, the EU Maritime Policy and International Ocean Governance. 833 3. Synergies with the European Regional Development Fund (ERDF) will ensure that: (b) the EMFF supports the rolling out of novel technologies and innovative products, processes and services, in particular those resulting from the Programme in the fields of marine and maritime policy; the EMFF also promotes ground data collection and data processing and disseminates relevant actions supported under the Programme, which in turn contributes to the implementation of the Common Fisheries Policy, the EU Maritime Policy, International Commitments. 833 3. Synergies with the European Regional Development Fund (ERDF) will ensure that: 834 (a) arrangements for combined (b) the EMFF supports the rolling out of novel technologies and innovative products, processes and services, in particular those resulting from the Framework Programme in the fields of marine and services, in particular those resulting from the Programme in the fields of marine and maritime policy; the EMFF also promotes ground data collection and data processing and disseminates relevant actions supported under the Programme, which in turn contributes to the implementation of the Common Fisheries Policy, the EU Maritime Policy, International Ocean Governance. 833 3. Synergies with the European Regional Development Fund (ERDF) willshall ensure that: 834 (a) arrangements for combined				E	1 0
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International Commitments. International Ocean Governance. and international commitments		Ocean Governance.	Maritime Policy, International	Fisheries Policy, the EU	<u>Integrated</u> Maritime Policy, and
3. Synergies with the European Regional Development Fund (ERDF) will ensure that: 3. Synergies with the European Regional Development Fund (ERDF) will ensure that: 3. Synergies with the European Regional Development Fund (ERDF) Fund (ERDF) willshall ensure that: 834 (a) arrangements for combined (b) arrangements for (c) arrangements for (d) arrangements for (e)			Ocean Governance and	Maritime Policy and	International Ocean Governance
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willshall ensure that: that: 834 (a) arrangements for combined (a) arrangements for (a) arrangements for (a) arrangements for		European Regional Development		European Regional	European Regional Development
(a) arrangements for combined (a) arrangements for (a) arrangements for (a) arrangements for		Fund (ERDF) will ensure that:		Development Fund (ERDF)	Fund (ERDF) willshall ensure
				willshall ensure that:	that:
funding from ERDF and combined funding from ERDF combined complementary and combined alternative and	834	(a) arrangements for combined	(a) arrangements for	(a) arrangements for	(a) arrangements for
		funding from ERDF and	combined funding from ERDF	combined complementary and	combinedalternative and
Programme are used to support and <i>Horizon Europe</i> are used to <u>cumulative</u> funding from ERDF <u>cumulative</u> funding from E		Programme are used to support	and <i>Horizon Europe</i> are used to	cumulative funding from ERDF	cumulative funding from ERDF
activities providing a bridge support activities providing a and the Framework Programme and the Programme are use		activities providing a bridge	support activities providing a	and the Framework Programme	and the Programme are used to
			bridge between <i>regional</i>	are used to support activities	support activities providing that
					provide a bridge particularly
excellence in research and specialisations strategies and particularly between smart between smart					
		innovation, including joint trans-	1		specialisations specialisation
regional/trans-national research and innovation, strategies and international strategies and international					
programmes and pan European including joint trans- excellence in research and excellence in research and		<u> </u>	,		<u> </u>

	Research Infrastructures, with the aim of strengthening the European Research Area;	regional/trans-national programmes and pan European Research Infrastructures, with the aim of strengthening the European Research Area;	innovation, including joint trans- regional/trans-national programmes and pan European Research Infrastructures, with the aim of strengthening the European Research Area and of contributing to the Sustainable Development Goals;	innovation, including joint trans- regional/trans-national programmes and pan European Research Infrastructures, with the aim of strengthening the European Research Area and of contributing to the Sustainable Development Goals;
835		(aa) ERDF funds can be transferred on a voluntary basis to support activities under the Programme, in particular the Seal of excellence;		deleted
836	(b) the ERDF focuses amongst others on the development and strengthening of regional and local research and innovation ecosystems and industrial transformation, including support to the take-up of results and the rolling out of novel technologies and innovative solutions from the Framework Programmes for research and innovation through the ERDF.	Unchanged	(b) the ERDF focuses amongst others on the development and strengthening of regional and local research and innovation ecosystems and industrial transformation, including both support to building research and innovation capacities and to the take-up of results and the rolling out of novel technologies and innovative and climate-friendly solutions from the Framework Programmes for research and innovation through the ERDF.	(b) the ERDF focuses amongst others on the development and strengthening of regional and local research and innovation ecosystems, <i>networks</i> and industrial transformation, including both support to building research and innovation capacities and to the take-up of results and the rolling out of novel technologies and innovative and climate-friendly solutions from the Framework Programmes for research and innovation through the ERDF.
837		(ba) existing regional ecosystems, platform networks and regional strategies are enhanced.		Deleted

838	4. Synergies with the	Unchanged	4. Synergies with the	4. Synergies with the
	European Social Fund Plus		European Social Fund Plus	European Social Fund Plus
	(ESF+) will ensure that:		(ESF+) willshall ensure that:	(ESF+) willshall ensure that:
839	(a) the ESF+ can mainstream	Unchanged	(a) the ESF+ can mainstream	(a) the ESF+ can mainstream
	and scale up innovative curricula		and scale up innovative curricula	and scale up innovative curricula
	supported by the Programme,		supported by the Framework	supported by the Programme,
	through national or regional		Programme, through national or	through national or regional
	programmes, in order to equip		regional programmes, in order to	programmes, in order to equip
	people with the skills and		equip people with the skills and	people with the skills and
	competences needed for the jobs		competences needed for the	competences needed for the
	of the future;		jobs evolving demands of the	jobs evolving demands of the
			futurelabour market;	futurelabour market;
840	(b) arrangements for	(b) arrangements for	Unchanged	(b) arrangements for
	complementary funding from	complementary funding from		complementary alternative and
	ESF+ can be used to support	ESF+ can be used <i>on a</i>		<i>combined</i> funding from ESF+
	activities promoting human	voluntary basis to support		can be used to support activities
	capital development in research	activities of the Programme that		of the Programme that promote
	and innovation with the aim of	<i>promote</i> human capital		human capital development in
	strengthening the European	development in research and		research and innovation with the
	Research Area;	innovation with the aim of		aim of strengthening the
		strengthening the European		European Research Area;
		Research Area;		
841	(c) the Health strand of the	Unchanged	(c) the Health strand of the	(c) the Health strand of the
	European Social Fund+		European Social Fund ESF+	European Social FundESF+
	mainstreams innovative		mainstreams innovative	mainstreams innovative
	technologies and new business		technologies and new business	technologies and new business
	models and solutions, in		models and solutions, in	models and solutions, in
	particular those resulting from the		particular those resulting from	particular those resulting from
	Programmes, so to contribute to		the <u>Framework</u> Programmes, so	the Programmes, so to contribute
	innovative, efficient and		to contribute to innovative,	to innovative, efficient and
	sustainable health systems of the		efficient and sustainable health	sustainable health systems of the
	Member States and facilitate		systems-of the Member States	Member States and facilitate
	access to better and safer		and facilitate access to better and	access to better and safer
	healthcare for European citizens.			healthcare for European citizens.

			safer healthcare for European citizens.	
841.a			CALLESTON .	4a. Synergies with the EU4Health Programme shall ensure that:
841.b				(a) EU research and innovation needs in the field of health-will be identified and established through the Programme's strategic planning.
841.c				(b) The EU4Health Programme will contribute to ensure best use of research results, in particular those resulting from the Programme.
842	5. Synergies with the Connecting Europe Facility (CEF) will ensure that:	Unchanged	5. Synergies with the Connecting Europe Facility (CEF) willshall ensure that:	5. Synergies with the Connecting Europe Facility (CEF) willshall ensure that:
843	(a) research and innovation needs in the areas of transport, energy and in the digital sector within the EU are identified and established during the Programme's strategic research and innovation planning process;	Unchanged	(a) <u>the</u> research and innovation needs in the areas of transport, energy and in the digital sector within the EU are identified and established during the <u>Framework</u> Programme's strategic-research and innovation planning process;	(a) <u>the</u> research and innovation needs in the areas of transport, energy and in the digital sector within the EU are identified and established during the Programme's strategic research and innovation planning process;
844	(b) the CEF supports the large- scale roll-out and deployment of innovative new technologies and solutions in the fields of transport, energy and digital physical infrastructures, in particular those resulting from the	Unchanged	Unchanged	Unchanged

	Framework Programmes for research and innovation;			
845	(c) the exchange of information and data between the Framework Programme and CEF projects will be facilitated, for example by highlighting technologies from the Framework Programme with a high market readiness that could be further deployed through the CEF.	Unchanged	Unchanged	Unchanged
846	6. Synergies with the Digital Europe Programme (DEP) will ensure that:	Unchanged	6. Synergies with the Digital Europe Programme (DEP) willshall ensure that:	6. Synergies with the Digital Europe Programme (DEP) willshall ensure that:
847	(a) whereas several thematic areas addressed by the Programme and DEP converge, the type of actions to be supported, their expected outputs and their intervention logic are different and complementary;	Unchanged	(a) whereas several thematic areas addressed by the Framework Programme and DEP converge, the type of actions to be supported, their expected outputs and their intervention logic are different and complementary;	Unchanged
848	(b) research and innovation needs related to digital aspects are identified and established in the Programme's strategic research and innovation plans; this includes research and innovation for High Performance Computing, Artificial Intelligence, Cybersecurity, combining digital with other enabling technologies and nontechnological innovations;	(b) research and innovation needs related to digital aspects are identified and established in the Programme's strategic research and innovation plans; this includes research and innovation for High Performance Computing, Artificial Intelligence, Cybersecurity, <i>Distributed Ledger Technologies</i> , <i>Quantum Technologies</i> combining digital	(b) <u>the</u> research and innovation needs related to digital aspects are identified and established induring the <u>Framework</u> Programme's strategic research and innovation plansplanning process; this includes research and innovation for High Performance Computing, Artificial Intelligence, Cybersecurityhigh performance computing,	(b) <u>the</u> research and innovation needs related to digital aspects are identified and established induring the Programme's strategic research and innovation plansplanning; this includes <u>for example</u> research and innovation for High Performance Computing, Artificial Intelligence, Cybersecurity high performance computing, artificial

support for the scale-up of companies introducing breakthrough innovations (many of which will combine digital and physical technologies; the integration of digital across all the pillar 'Global Challenges and Industrial Competitiveness'; and the support to digital research infrastructures;

with other enabling technologies and non-technological innovations; support for the scale-up of companies introducing breakthrough innovations (many of which will combine digital and physical technologies; the integration of digital across all the pillar 'Global Challenges and *European* Industrial Competitiveness'; and the support to digital research infrastructures:

artificial intelligence,
cybersecurity, combining
digital with other enabling
technologies and nontechnological innovations;
support for the scale-up of
companies introducing
breakthrough innovations (many
of which will combine digital
and physical technologies; the
integration of digital across all
the pillar 'Global Challenges and
Industrial Competitiveness'; and
the); and support to digital
research infrastructures;

intelligence, cybersecurity, distributed ledger technologies, quantum technologies combining digital with other enabling technologies and nontechnological innovations; support for the scale-up of companies introducing breakthrough innovations (many of which will combine digital and physical technologies; the integration of digital across all the pillar 'Global Challenges and **Industrial Competitiveness'**; and the); and support to digital research infrastructures:

849

DEP focuses on large-scale digital capacity and infrastructure building in High Performance Computing, Artificial Intelligence, Cybersecurity and advanced digital skills aiming at wide uptake and deployment across Europe of critical existing or tested innovative digital solutions within an EU framework in areas of public interest (such as health, public administration, justice and education) or market failure (such as the digitisation of businesses, notably small and medium enterprises); DEP is mainly implemented through coordinated

DEP focuses on largescale digital capacity and infrastructure building in High Performance Computing, Artificial Intelligence, Cybersecurity, Distributed Ledger Technologies, Quantum Technologies and advanced digital skills aiming at wide uptake and deployment across Europe of critical existing or tested innovative digital solutions within an EU framework in areas of public interest (such as health, public administration, justice and education) or market failure (such as the digitisation of

DEP focuses on largescale digital capacity and infrastructure building in High Performance Computing, Artificial Intelligence, Cybersecurity and advanced digital skills aiming at wide uptake and deployment across Europe of critical existing or tested innovative digital solutions within an EU framework in areas of public interest (such as health, public administration, justice and education) or market failure (such as the digitisation of businesses, notably small and medium enterprises); DEP is

DEP focuses on large-scale digital capacity and infrastructure building in, for example, High Performance Computing, Artificial **Intelligence**, Cybersecurity **Cybersecurity**high performance computing, artificial intelligence, cybersecurity, distributed ledger technologies, quantum technologies and advanced digital skills aiming at wide uptake and deployment across Europe of critical existing or tested innovative digital solutions within an EU framework in areas of public interest (such as health, public

	and strategic investments with Member States, notably through joint public procurement, in digital capacities to be shared across Europe and in EU-wide actions that support interoperability and standardisation as part of developing a Digital Single Market;	businesses, notably small and medium enterprises); DEP is mainly implemented through coordinated and strategic investments with Member States, notably through joint public procurement, in digital capacities to be shared across Europe and in EU-wide actions that support interoperability and standardisation as part of developing a Digital Single Market;	mainly implemented through coordinated and strategic investments with Member States, notably through joint public procurement, in digital capacities to be shared across Europe and in EU-wide actions that support interoperability and standardisation as part of developing athe Digital Single Market;	administration, justice and education) or market failure (such as the digitisation of businesses, notably small and medium enterprises); DEP is mainly implemented through coordinated and strategic investments with Member States, notably through joint public procurement, in digital capacities to be shared across Europe and in EU-wide actions that support interoperability and standardisation as part of developing athe Digital Single Market;
850	(d) DEP capacities and infrastructures are made available to the research and innovation community, including for activities supported through the Programme including testing, experimentation and demonstration across all sectors and disciplines;	Unchanged	(d) DEP capacities and infrastructures are made available to the research and innovation community, including for activities supported through the <u>Framework</u> Programme including testing, experimentation and demonstration across all sectors and disciplines;	Unchanged
851	(e) novel digital technologies developed through the Programme, are progressively be taken up and deployed by DEP;	Unchanged	(e) novel digital technologies developed through the Framework Programme, are to be progressively—be taken up and deployed by DEP;	(e) novel digital technologies developed through the Programme, are to be progressively-be taken up and deployed by DEP;
852	(f) the Programme's initiatives for the development of skills and competencies curricula, including	(f) the Programme's initiatives for the development of skills and competencies	(f) the <u>Framework</u> Programme's initiatives for the development of skills and	(f) the Programme's initiatives for the development of skills and competencies curricula,

	those delivered at the co-location centres of the European Institute of Innovation and Technology's KIC-Digital, are complemented by Digital Europe-supported capacity-building in advanced digital skills;	curricula, including those delivered at the co-location centres of the European Institute of Innovation and <i>Technology Knowledge and Innovation Communities</i> , are complemented by Digital Europe-supported capacity-building in advanced digital skills;	competencies curricula, including those delivered at the co-location centres of the European Institute of Innovation and Technology's KIC-Digital, are complemented by Digital Europe-supported capacity-building in advanced digital skills;	including those delivered at the co-location centres of the relevant KICs of the EIT European Institute of Innovation and Technology's KIC Digital, are complemented by Digital Europe DEP supported capacity-building in advanced digital skills;
853	(g) strong coordination mechanisms for strategic programming and operating procedures for both programmes are aligned, and their governance structures involve the respective Commission services as well as others concerned by the different parts of the respective programmes.	Unchanged	(g) strong coordination mechanisms for strategic programming and operating procedures for both programmes are alignedexist, and their governance structures involve the respective Commission services. Member States representatives as well as others concerned by the different parts of the respective programmes.	(g) strong coordination mechanisms for strategic programming, operating procedures and governance structures exist for both programmes.
854	7. Synergies with the Single Market Programme will ensure that:	Unchanged	7. Synergies with the Single Market Programme willshall ensure that:	7. Synergies with the Single Market Programme willshall ensure that:
855	(a) the Single Market Programme addresses the market failures which affect all SMEs, and will promote entrepreneurship and the creation and growth of companies. Full complementarity exists between the Single Market Programme and the actions of the future	(a) the Single Market Programme addresses the market failures which affect all SMEs, and will promote entrepreneurship and the creation and growth of companies. Full complementarity exists between the Single Market Programme	(a) the Single Market Programme addresses the market failures which affect all-SMEs, and will promote entrepreneurship and the creation and growth of companies. Full eomplementarityComplementar ity exists between the Single	(a) the Single Market Programme addresses the market failures which affect all-SMEs, and will promote entrepreneurship and the creation and growth of companies. Full eomplementarity Complementar ity exists between the Single

	European Innovation Council for	and the actions of both the EIT	Market Programme and the	Market Programme and the
	innovative companies, as well as	and the future European	actions of the future European	actions of both the EIT and the
	in the area of support services for	Innovation Council for	Innovation Council (EIC) for	future European Innovation
	SMEs, in particular where the	innovative companies, as well as	innovative companies, as well as	Council (EIC) for innovative
	market does not provide viable	in the area of support services	in the area of support services	companies, as well as in the area
	financing;	for SMEs, in particular where	for SMEs, in particular where	of support services for SMEs, in
	maneing,	the market does not provide	the market does not provide	particular where the market does
		viable financing;	viable financing;	not provide viable financing;
856	(b) the Enterprise Europe	(b) the Enterprise Europe	(b) the Enterprise Europe	(b) the Enterprise Europe
0.50	Network may serve, as other	Network may serve, as other	Network may serve, asin	Network may serve, asin
	existing SME support structures	existing SME support structures	addition to other existing SME	addition to other existing SME
	(e.g. National Contact Points,	(e.g. National Contact Points,	support structures (e.g. National	support structures (e.g. National
	Innovation Agencies), to deliver	Innovation Agencies, <i>DIH</i> ,	Contact Points, Innovation	Contact Points, Innovation
	support services under the	Competence Centres, certified	Agencies), to deliver support	Agencies, <i>Digital Innovation</i>
	European Innovation Council.	<i>incubators</i>), to deliver support	services under the European	Hubs, Competence Centres,
	European Innovation Council.	services under the <i>Horizon</i>	Innovation Council.	, <u>,</u>
		1	Innovation Council.	incubators), to deliver support
		Europe programme, including		services under the Programme ,
		the European Innovation		including the EICEuropean Innovation Council.
0.57	0 0 ' '4 4 LIEE	Council.	0 0 ' '44 IFE	
857	8. Synergies with the LIFE -	Unchanged	8. Synergies with the LIFE -	8. Synergies with the LIFE -
	Programme for Environment and		Programme for Environment and	Programme for Environment and
	Climate Action (LIFE) will		Climate Action (LIFE) willshall	Climate Action (LIFE) willshall
0.70	ensure that:		ensure that:	ensure that:
858	Research and innovation needs to	Research and innovation needs	Research The research and	Research and
	tackle environmental, climate and	to tackle environmental, climate	innovation needs to tackle	innovation needs to tackle
	energy challenges within the EU	and energy challenges within the	environmental, climate and	environmental, climate and
	are identified and established	EU are identified and	energy challenges within the EU	energy challenges within the EU
	during the Programme's strategic	established during the	are identified and established	are identified and established
	research and innovation planning	Programme's strategic research	during the <u>Framework</u>	during the Programme's
	process. LIFE will continue to act	and innovation planning process.	Programme's strategic research	strategic research and innovation
	as a catalyst for implementing EU	LIFE will continue to act as a	and innovation planning process.	planning process . LIFE will
	environment, climate and relevant	catalyst for implementing EU	LIFE will continue to act as a	continue to act as a catalyst for
	energy policy and legislation,	environment, climate and	catalyst for implementing EU	implementing EU environment,
	including by taking up and	relevant energy policy and	environment, climate and	climate and relevant energy

applying research and innovation results from the Programme and help deploying them at national and (inter-)regional scale where it can help address environmental, climate or clean energy transition issues. In particular LIFE will continue to incentivise synergies with the Programme through the award of a bonus during the evaluation for proposals which feature the uptake of results from the Programme. LIFE standard action projects will support the development, testing or demonstration of suitable technologies or methodologies for implementation of EU environment and climate policy, which can subsequently be deployed at large scale, funded by other sources, including by the Programme. The Programme's European Innovation Council can provide support to scale up and commercialise new breakthrough ideas that may result from the implementation of LIFE projects.

legislation, including by taking up and applying research and innovation results from the Programme and help deploying them at national and (inter-)regional scale where it can help address environmental, climate or clean energy transition issues. In particular LIFE will continue to incentivise synergies with the Programme through the award of a bonus during the evaluation for proposals which feature the uptake of results from the Programme. LIFE standard action projects will support the development, testing or demonstration of suitable technologies or methodologies for implementation of EU environment and climate policy, which can subsequently be deployed at large scale, funded by other sources, including by the Programme. The Programme's EIT as well as the *future* European Innovation Council can provide support to scale up and commercialise new breakthrough ideas that may result from the implementation of LIFE projects.

relevant energy policy and legislation, including by taking up and applying research and innovation results from the Framework Programme and help deploying them at national and (inter-)regional scale where it can help address environmental, climate or clean energy transition issues. In particular LIFE will continue to incentivise synergies with the Framework Programme through the award of a bonus during the evaluation for proposals which feature the uptake of results from the Framework Programme. LIFE standard action projects will support the development, testing or demonstration of suitable technologies or methodologies for implementation of EU environment and climate policy, which can subsequently be deployed at large scale, funded by other sources, including by the **Framework** Programme. The **Framework** Programme's European Innovation Council can provide support to scale up and commercialise new breakthrough ideas that may

policy and legislation, including by taking up and applying research and innovation results from the Programme and help deploying them at national and (inter-)regional scale where it can help address environmental, climate or clean energy transition issues. In particular LIFE will continue to incentivise synergies with the Programme through the award of a bonus during the evaluation for proposals which feature the uptake of results from the Programme. LIFE standard action projects will support the development, testing or demonstration of suitable technologies or methodologies for implementation of EU environment and climate policy, which can subsequently be deployed at large scale, funded by other sources, including by the Programme. The Programme's EIT as well as the **EIC** European Innovation Council can provide support to scale up and commercialise new breakthrough ideas that may result from the implementation of LIFE projects.

9. Synergies with the Erasmus Programme will ensure that: (a) combined resources from the Programme and the Erasmus Programme and the Erasmus Programme are used to support activities dedicated to strengthening and modernising European higher education institutions. The Programme will complement Erasmus programme support for the European Universities initiative, in particular its research dimension as part of developing new joint and integrated long term and sustainable strategies on education, research and innovation based on transdisciplinary and cross-sectoral approaches to make the knowledge triangle a reality, providing impetus to economic growth; **Mere appropriate.** **Junchamged** 9. Synergies with the Erasmus Programme wills (a) combined resources from the Programme will-fashus: (a) combined resources from the Programme institution and the Erasmus Programme institution and modernising European higher education institutions. The Programme are used to support activities dedicated to strengthening, and Technology, and the Erasmus Programme are used to support activities dedicated to strengthening and modernising European higher education institutions. The Programme are used to support activities dedicated to strengthening and modernising European higher education institutions. The Programme will complement Erasmus programme support for the European Universities initiative, in particular its research dimension as part of developing new joint and innovation based on transdisciplinary and cross-sectoral approaches to make the knowledge triangle a reality, providing impetus to economic growth; the EIT's education and the Erasmus Programme, including from the European Institute of Instit				result from the implementation of LIFE projects.	
the Programme and the Erasmus Programme are used to support activities dedicated to strengthening and modernising European higher education institutions. The Programme will complement Erasmus programme support for the European Universities initiative, in particular its research dimension as part of developing new joint and integrated long term and sustainable strategies on education, research and innovation based on transdisciplinary and cross-sectoral approaches to make the knowledge triangle a reality, providing impetus to economic growth; the Programme and the Erasmus Programme, and the Erasmus Programme in the Programme, including from the European Institute of Innovation and Technology, and the Erasmus Programme are used to support activities dedicated to strengthening, and modernising European higher education institutions. The Programme will complement Erasmus programme support for the European Universities initiative, in particular its research dimension as part of developing new joint and integrated long term and sustainable strategies on education, research and innovation based on transdisciplinary and cross-sectoral approaches to make the knowledge triangle a reality, providing impetus to economic growth; the EIT's education institutions. The Programme are used to support activities dedicated to strengthening and modernising European higher education institutions. The Programme are used to support activities dedicated to strengthening, and modernising European higher education institutions. The Framework Programme, trechnology, and the Erasmus Programme are used to support activities dedicated to strengthening and modernising European higher education institutions. The Framework Programme, treused to support activities dedicated to strengthening and modernising European higher education institutions. The Framework Programme, treused to support activities dedicated to strengthening and modernising European higher education institutions. The Eramework Programme, treusent of surfict of the European Uni	859	, <u> </u>	Unchanged	9. Synergies with the Erasmus Programme willshall	Erasmus Programme
with the European Universities approaches to make the knowledge triangle a reality,	860	the Programme and the Erasmus Programme are used to support activities dedicated to strengthening and modernising European higher education institutions. The Programme will complement Erasmus programme support for the European Universities initiative, in particular its research dimension as part of developing new joint and integrated long term and sustainable strategies on education, research and innovation based on trans- disciplinary and cross-sectoral approaches to make the knowledge triangle a reality, providing impetus to economic	the Programme and the Erasmus Programme are used to support activities dedicated to strengthening and modernising European higher education institutions. The Programme will complement Erasmus programme support for the European Universities initiative, in particular its research dimension as part of developing new joint and integrated long term and sustainable strategies on education, research and innovation based on transdisciplinary and cross-sectoral approaches to make the knowledge triangle a reality, providing impetus to economic growth; the EIT's educational activities could be both inspirational to and interlinked with the European Universities	(a) combined resources from the Framework Programme, including from the European Institute of Innovation and Technology, and the Erasmus Programme are used to support activities dedicated to strengthening and modernising European higher education institutions. The Framework Programme will complement the Erasmus programmeprogramme's support for the European Universities initiative, in particular its research dimension as, where appropriate. This is part of developing new joint and integrated long—term and sustainable strategies on education, research and innovation based on transdisciplinary and cross-sectoral approaches to make the knowledge triangle a reality, providing impetus to economic	(a) combined resources from the Programme, including from the EIT, and the ErasmusErasmus+ Programme are used to support activities dedicated to strengthening, and modernising and transforming European higher education institutions. The Programme will complement the Erasmus programme Erasmus+ programme Erasmus+ programme its support for the European Universities initiative, in particular its research dimension as, where appropriate. This is part of developing new joint and integrated long—term and sustainable strategies on education, research and innovation based on transdisciplinary and cross-sectoral approaches to make the knowledge triangle a reality, providing impetus to economic growth; the EIT's activities could complement the

				by the European Universities initiative.
861	(b) the Programme and the Erasmus Programme foster the integration of education and research through facilitating higher education institutions to formulate and set up common education, research and innovation strategies, to inform teaching with the latest findings and practices of research to offer active research experience to all students and higher education staff and in particular researchers, and to support other activities that integrate higher education, research and innovation.	Unchanged	(b) the Framework Programme and the Erasmus Programme foster the integration of education and research through facilitating higher education institutions to formulate and set up common education, research and innovation strategies and networks, to inform teaching with the latest findings and practices of research to offer active research experience to all students and higher education staff and in particular researchers, and to support other activities that integrate higher education, research and innovation.	(b) the Programme and the ErasmusErasmus+ Programme foster the integration of education and research through facilitating higher education institutions to formulate and set up common education, research and innovation strategies and networks, to inform teaching with the latest findings and practices of research to offer active research experience to all students and higher education staff and in particular researchers, and to support other activities that integrate higher education, research and innovation.
862	10. Synergies with the European Space Programme will ensure that:	Unchanged	10. Synergies with the European Space Programme willshall ensure that:	10. Synergies with the European Space Programme willshall ensure that:
863	(a) research and innovation needs of the space upstream and downstream sector within the EU are identified and established as part of the Programme's strategic research and innovation planning process; space research actions implemented through Horizon	Unchanged	(a) the research and innovation needs of the space upstream and downstream sector within the EU, as well as to the benefit of the European Space Programme, are identified and established as part of the Framework Programme's	(a) the research and innovation needs of the European Space Programme and those of the space upstream and downstream sector within the EU are identified and established as part of the Programme's strategic-research

	Europe will be implemented with regard to procurement and eligibility of entities in line with the provisions of the Space Programme, where appropriate;		strategic research and innovation planning process; space research actions implemented through Horizon Europe will be implemented with regard to procurement and eligibility of entities in line with the provisions of the Space Programme, where appropriate;	and innovation planning process; space research actions implemented through Horizon Europe will be implemented with regard to procurement and eligibility of entities in line with the provisions of the Space Programme, where appropriate;
864	(b) space data and services made available as a public good by the European Space Programme are used to develop breakthrou[[[gh solutions through research and innovation, including in the Framework Programme, in particular for sustainable food and natural resources, climate monitoring, smart cities, automated vehicles, security and disaster management;	Unchanged	(b) space data and services made available as a public good by the European Space Programme are used to develop breakthrough solutions through research and innovation, including in the Framework Programme, in particular for sustainable food and natural resources, climate monitoring, atmosphere, land, coastal and marine environment, smart cities, connected and automated vehicles mobility, security and disaster management;	(b) space data and services made available as a public good by the European Space Programme are used to develop breakthrough solutions through research and innovation, including in the Framework Programme, in particular for sustainable food and natural resources, climate monitoring, atmosphere, land, coastal and marine environment, smart cities, connected and automated vehicles mobility, security and disaster management;
865	(c) the Copernicus Data and Information Access Services contribute to the European Open Science Cloud and thus facilitate access to Copernicus data for researchers and scientists; research infrastructures, in particular in situ observing networks will constitute essential elements of the in situ	Unchanged	(c) the Copernicus Data and Information Access Services contribute to the European Open Science Cloud and thus facilitate access to Copernicus data for researchers-and, scientists and innovators; research infrastructures, in particular in situ observing networks will constitute essential elements of	(c) the Copernicus Data and Information Access Services contribute to the European Open Science Cloud and thus facilitate access to Copernicus data for researchers and scientists and innovators; research infrastructures, in particular in situ observing networks will constitute essential elements of

	observation infrastructure enabling the Copernicus services, and in turn, they benefit from information produced by		the in situ observation infrastructure enabling the Copernicus services, and in turn, they benefit from	the in situ observation infrastructure enabling the Copernicus services, and in turn, they benefit from
	Copernicus services.		information produced by	information produced by
866	11. Synergies with the	Unchanged	Copernicus services. 11. Synergies with the	Copernicus services. 11. Synergies with the
800	Neighbourhood, Development	Unchangea	Neighbourhood, Development	Neighbourhood, Development
	and International Cooperation		and International Cooperation	and International Cooperation
	Instrument (the 'External		Instrument (NDICI) and the	Instrument (NDICI) and the
	Instrument (the External Instrument) will ensure that the		'External Instrument')	'External Instrument')
	,		,	, ·
	Programme's research and innovation activities with the		will Instrument for Pre-	will Instrument for Pre-
			accession Assistance ('IPA III')	accession Assistance ('IPA III')
	participation of Third Countries		shall ensure that the:	shall ensure that the:
	and targeted international		(a) the research and	(a) the research and
	cooperation actions seek		innovation needs in the areas	innovation needs in the areas
	alignment and coherence with		of NDICI and IPA III are identified and established	of NDICI and IPA III are
	parallel market uptake and			identified during the
	capacity-building actions strands under the External Instrument,		during the Framework	Programme's strategic
	·		Programme's strategic	planning, in line with the
	based on joint definition of needs		planning process, in line with	Sustainable Development
	and areas of intervention		the Sustainable Development	Goals:
	commonly defined during the		Goals;	(b) the Programme's research
	Programme's strategic research		(b) the Framework	and innovation activities, with
	and innovation planning process.		Programme's research and	the participation of Third
			innovation activities, with the	Countries and targeted
			participation of Third Countries	international cooperation
			and targeted international	actions, seek alignment and
			cooperation actions, seek	coherence with parallel market
			alignment and coherence with	uptake and capacity-building
			parallel market uptake and	actions strands under the
			capacity-building actions strands	External Instrument NDICI and
			under the External	<u>IPA III</u> , based on joint
			Instrument NDICI and IPA III,	definition of needs and areas of

867	12. Synergies with the Internal Security Fund and the instrument for border management as part of the Integrated Border	Unchanged	based on joint definition of needs and areas of intervention commonly defined during the Programme's strategic research and innovation planning process.: 12. Synergies with the Internal Security Fund and the instrument for border management as part of the	intervention-commonly defined during the Programme's strategic research and innovation planning process. 12. Synergies with the Internal Security Fund and the instrument for border management as part of the Integrated Border
	Management Fund will ensure that:		Integrated Border Management Fund willshall ensure that:	Management Fund willshall ensure that:
868	(a) the research and innovation needs in the areas of security and integrated border management are identified and established during the Programme's strategic research and innovation planning process;	Unchanged	(a) the research and innovation needs in the areas of security and integrated border management are identified and established during the Framework Programme's strategic research and innovation planning process;	(a) the research and innovation needs in the areas of security and integrated border management are identified and established during the Programme's strategic research and innovation planning process;
869	(b) the Internal Security Fund and the Integrated Border Management Fund support the deployment of innovative new technologies and solutions, in particular those resulting from the Framework Programmes for research and innovation in the field of security research.	Unchanged	(b) the Internal Security Fund and the Integrated Border Management Fund <u>may</u> support the deployment of innovative new technologies and solutions, in particular those resulting from the Framework Programmes for research and innovation in the field of security research.	Unchanged
870	13. Synergies with the InvestEU Fund will ensure that:	Unchanged	13. Synergies with the InvestEU Fund willshall ensure that:	13. Synergies with the InvestEU Fund willshall ensure that:
871	(a) the Programme provide out of its own budget Horizon Europe	Unchanged	(a) the Framework Programme provide out of its	(a) the Programme provide out of its own budget provides

	1570 11 1 2 2	I		
	and EIC blended finance for		own budgetprovides Horizon	Horizon Europe and EIC
	innovators, characterised by a		Europe and EIC- blended	blended finance for innovators,
	high level of risk and for which		finance for innovators,	characterised by a high level of
	the market does not provide when		characterised by a high level of	risk and for which the market
	relevant viable and sustainable		risk and for which the market	does not provide when relevant
	financing, and at the same time		does not provide when relevant	sufficient and viable and
	will provide for appropriate		sufficient and viable and	sustainable financing, and at. At
	coordination in support of the		sustainable financing, and at. At	the same time, the Programme
	effective delivery and		the same time, the Framework	will provide for appropriate
	management of the private		Programme will provide for	coordination in support of the
	finance part of the blended		appropriate coordination in	effective delivery and
	finance through funds and		support of the effective delivery	management of the private
	intermediaries supported by		and management of the private	finance part of the blended
	InvestEU;		finance part of the blended	finance through funds and
			finance through funds and	intermediaries supported by
			intermediaries supported by	InvestEU and others;
			InvestEU and others;	
872	(b) financial instruments for	(b) financial instruments for	(b) financial instruments for	(b) financial instruments for
	research and innovation and	research and innovation and	research and innovation and	research and innovation and
	SMEs are grouped together under	SMEs are grouped together	SMEs are grouped together	SMEs are grouped together
	the InvestEU Fund, in particular	under the InvestEU Fund, in	under the InvestEU Fund, in	under the InvestEU Fund, in
	through a dedicated R&I thematic	particular through a dedicated	particular through a dedicated	particular through a dedicated
	window, and through products	R&I thematic window, and	R&I thematic window, and	R&I thematic window, and
	deployed under the SME window	through products deployed under	through products deployed under	through products deployed under
	targeting innovative companies,	the SME window targeting	the SME window targeting	the SME window targeting
	in this way also helping to deliver	innovative companies, in this	innovative companies, in this	innovative companies, in this
	the objectives of the Programme.	way also helping to deliver the	way also, thereby helping to	way also, thereby helping to
	j	objectives of the Programme.	deliver the objectives of the	deliver the objectives of the
		Strong complementary links	Programme both Programmes.	Programme both programmes
		will be established between		as well as establishing strong
		InvestEU and Horizon Europe.		complementary links between
		•		both programmes.
872.a			(c) the Framework	(c) the Programme provides
			Programme provides	appropriate support to help

873	14. Synergies with the	Unchanged	appropriate support to help the reorientation of projects not suitable for EIC funding towards InvestEU, when relevant 14. Synergies with the	the reorientation of bankable projects, not suitable for EIC funding, towards InvestEU, when relevant. 14. Synergies with the
073	Innovation Fund under the Emission Trading Scheme (the 'Innovation Fund') will ensure that:	Chehangea	Innovation Fund -under the Emission Trading Scheme (the 'Innovation Fund') willshall ensure that:	Innovation Fund -under the Emission Trading Scheme (the 'Innovation Fund') willshall ensure that:
874	(a) the Innovation Fund will specifically target innovation in low-carbon technologies and processes, including environmentally safe carbon capture and utilisation that contributes substantially to mitigate climate change, as well as products substituting carbon intensive ones, and to help stimulate the construction and operation of projects that aim at the environmentally safe capture and geological storage of CO2 as well as innovative renewable energy and energy storage technologies;	(a) the Innovation Fund will specifically target innovation in low-carbon technologies and processes, including environmentally safe carbon capture and utilisation that contributes substantially to mitigate climate change, as well as products substituting carbon intensive ones, and to help stimulate the construction and operation of projects that aim at the environmentally safe capture and geological storage of CO ₂ as well as innovative renewable energy and energy storage technologies; <i>An appropriate framework will be created to enable and to incentivise</i> "greener" products with a sustainable added value for the customers/end-users.	Unchanged	(a) the Innovation Fund will specifically target innovation in low-carbon technologies and processes, including environmentally safe carbon capture and utilisation that contributes substantially to mitigate climate change, as well as products substituting carbon intensive ones, and to help stimulate the construction and operation of projects that aim at the environmentally safe capture and geological storage of CO2 as well as innovative renewable energy and energy storage technologies, and to enable and to incentivise "greener" products.
875	(b) the Programme will fund the development and	(b) the Programme will fund the development and,	(b) the <u>Framework</u> Programme will fund the	(b) the Programme will fund the development and

	demonstration of technologies that can deliver on EU decarbonisation, energy and industrial transformation objectives, especially in its Pillar 2;	demonstration and implementation of technologies, including breakthrough solutions, that can deliver on EU a low-carbon economy and the Union's decarbonisation, energy and industrial transformation objectives, especially in its Pillar 2 and through the EIT;	development and demonstration of technologies that can deliver on EU decarbonisation, energy and industrial transformation objectives, especially inthrough its Pillar 2 activities;	demonstration of technologies, including breakthrough solutions, that can deliver on the Union's climate neutrality EU decarbonisation, energy and industrial transformation objectives, especially inthrough its Pillar 2 and Pillar 3 activities;
876	(c) the Innovation Fund may, subject to fulfilment of its selection and award criteria, support the demonstration phase of eligible projects that may have received the support from the Framework Programmes for research and innovation.	(c) the Innovation Fund may, subject to fulfilment of its selection and award criteria, support the demonstration phase of eligible projects. Projects receiving support from the Innovation Fund may be eligible for support from the Framework Programmes for research and innovation and vice versa. To complement Horizon Europe, the Innovation Fund may concentrate on close-to-the-market innovations contributing to a significant and fast reduction of CO ₂ emissions. Strong complementary links will be established between the Innovation Fund and Horizon Europe.	Unchanged	(c) the Innovation Fund may, subject to fulfilment of its selection and award criteria, support the demonstration phase of eligible projects that may have received the support from the Framework Programmes for research and innovation . and strong complementary links shall be established between both programmes.
876.a				14.a Synergies with the Just Transition Mechanism shall ensure that:

876.b				a) research and innovation needs will be identified through the Programme's strategic planning to support the just transition towards climateneutrality;
876.c				b) the take-up and deployment of innovative and climate-friendly solutions, in particular those resulting from the Programme, will be promoted.
877	15. Synergies with the Euratom Research and Training Programme will ensure that:	Unchanged	15. Synergies with the Euratom Research and Training Programme willshall ensure that:	15. Synergies with the Euratom Research and Training Programme willshall ensure that:
878	(a) the Programme and the Euratom Research and Training Programme develop comprehensive actions supporting education and training (including Marie Skłodowska-Curie Actions) with the aim of maintaining and developing relevant skills in Europe;	Unchanged	(a) the Framework Programme and the Euratom Research and Training Programme develop comprehensive actions supporting education and training (including Marie Skłodowska-Curie Actions) with the aim of maintaining and developing relevant skills in Europe;	Unchanged
879	(b) the Programme and the Euratom Research and Training Programme develop joint research actions focussing on	Unchanged	(b) the <u>Framework</u> Programme and the Euratom Research and Training Programme develop joint	(b) the Programme and the Euratom Research and Training Programme develop joint research actions focussing on

climate change, security and emergency preparedness and contribution of nuclear science. 16. Synergies with the European Defence Fund will benefit civil and defence research. Unnecessary duplication will be excluded. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with European Defence Fund shall have an exclusive focus on civil applications. Unnecessary duplication will be excluded. 16. Synergies with European Defence Fund shall have an exclusive focus on civil applications. Unnecessary duplication will be excluded. 16. Synergies with the European Defence Fund shall have an exclusive focus on civil applications. Unnecessary duplication will be excluded. 16. Synergies with European Defence Fund shall have an exclusive focus on civil applications. Unnecessary duplication will be excluded. 16. Synergies with European Defence Fund shall have an exclusive focus on civil applications. Unnecessary duplication will be excluded. 16. Synergies with European Defence Fund shall have an exclusive focus on civil application will be excluded. 16. Synergies with European Defence Fund shall have an exclusive focus on civil applications. Unnecessary duplication will be excluded.	882		16b. Synergies with any Important Projects of Common		deleted
climate change, security and emergency preparedness and contribution of nuclear science. 16. Synergies with the European Defence Fund will benefit civil and defence research. Unnecessary duplication will be excluded. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will contribute to avoiding duplication. 16. Potential synergies with the European Defence Fund will defence research. The proper preparedness and contribution of nuclear science. 16. Potential synergies with the European Defence Fund will defence research. The proper preparedness and contribution of nuclear science. 16. Potential synergies with the European Defence Fund will defence research. The proper preparedness and contribution of nuclear science. 16. Potential synergies with the European Defence Fund will defence research will avoid the proper preparedness and contribution of nuclear science. 16. Potential synergies with the European Defence Fund will defence research will avoid the proper preparedness and contribution of nuclear science.	881		Europe will support competitiveness and innovation, contributing to economic and social growth and promoting the effective use of public		innovation needs in the field of cultural and creative policies in the Programme's strategic
and secure use of non-power applications of ionising radiation in sectors such as medicine, and secure use of non-power applications of ionising radiation applications of ionising radiation applications of ionising radiation in sectors such as medicine,	880	and secure use of non-power applications of ionising radiation in sectors such as medicine, industry, agriculture, space, climate change, security and emergency preparedness and contribution of nuclear science. 16. Synergies with the European Defence Fund will benefit civil and defence research. Unnecessary	the European Defence Fund will contribute to avoiding	cross-cutting aspects of the safe and secure use of non-power applications of ionising radiation in sectors such as medicine, industry, agriculture, space, climate change, security and emergency preparedness and contribution of nuclear science61 16. Synergies with the European Defence Fund willshall benefit civil and defence research-, although activities carried out under the Framework Programme except those covered by the European Defence Fund shall have an exclusive focus on civil applications. Unnecessary	industry, agriculture, space, climate change, security and emergency preparedness and contribution of nuclear science62 16. Potential synergies with the European Defence Fund shall benefit civil and defence research with a view to avoiding unnecessary duplication and in accordance with Articles 5(1) and 6a(1). Unnecessary duplication will be

Subject to the outcome of negotiations on the respective legal act. Subject to the outcome of negotiations on the respective legal act.

	European Interest (IPCEI) may be envisaged.	
883		17. Synergies with the Recovery and Resilience Facility shall ensure that:
884		(a) research and innovation needs to support making Member States economies and society more resilient and better prepared for the future will be identified through the Programme's strategic planning;
885		(b) the take-up and deployment of innovative solutions, in particular those resulting from the Programme, will be supported.