



2018/0224(COD)

25.10.2018

AMENDMENTS

57 - 167

Draft opinion
Lola Sánchez Caldentey
(PE627.590v02-00)

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

Proposal for a regulation
(COM(2018)0435 – C8-0252/2018 – 2018/0224(COD))

Amendment 57

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Recital 1

Text proposed by the Commission

(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.

Amendment

(1) It is the Union's objective to **encourage social progress and the sustainability and resilience of its society, by strengthening** its scientific and technological bases and encourage its competitiveness, including in its industry, while promoting all research and innovation activities **deemed appropriate to support the implementation of other Union policies and the honouring of the Union's international commitments, in particular in the Paris Agreement, the Addis Ababa Action Agenda and the UN's 2030 Agenda**, to deliver on the Union's **political** strategic priorities **and commitments**, which ultimately aim at promoting peace, **tackling climate change, sustainable development as embodied by the SDGs**, the Union's values, and the well-being of its peoples.

Or. en

Justification

It is necessary to properly reflect the central role given to supporting climate action and the SDGs in this regulation.

Amendment 58

Mireille D'Ornano, Florian Philippot

Proposal for a regulation

Recital 1

Text proposed by the Commission

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Amendment

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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 - ***well-being that is not always compatible with the declared imperative of making European industry ever more competitive, with the open-ended aim laid down in Article 39 of the TFEU of increasing agricultural productivity, with the Union policy of unrestricted free movement of capital between the EU and the rest of the world under Article 63 of the TFEU, or with the European Central Bank's monetary policy.***

Or. fr

Amendment 59

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Recital 2

Text proposed by the Commission

(2) To deliver scientific, economic and societal impact in pursuit of this general objective, 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 diffusion of high-quality 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

Amendment

(2) To deliver scientific, economic, ***climate*** and societal impact in pursuit of this general objective, 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 diffusion of high-quality knowledge and technologies, to strengthen the impact of research and innovation in developing, supporting and implementing Union policies ***and commitments***, to support the uptake of innovative solutions in industry and society to ***improve people's well-being and to*** address global challenges, ***notably the UN Sustainable Development Goals (SDGs) and the Paris Agreement on Climate Change*** and promote industrial competitiveness; to foster all forms of innovation, including breakthrough innovation, and strengthen market

strengthened European Research Area.

deployment of innovative solutions; and optimise the delivery of such investment for increased impact within a strengthened European Research Area.

Or. en

Amendment 60
Doru-Claudian Frunzulică

Proposal for a regulation
Recital 2

Text proposed by the Commission

(2) To deliver scientific, economic and societal impact in pursuit of this general objective, 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 diffusion of high-quality 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.

Amendment

(2) To deliver scientific, economic and societal impact in pursuit of this general objective, 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 diffusion of high-quality knowledge and technologies ***within and outside the EU***, 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, ***meet the Sustainable Development Goals*** 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.

Or. en

Amendment 61
Mireille D'Ornano, Florian Philippot

Proposal for a regulation
Recital 2

Text proposed by the Commission

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Amendment

(2) To deliver scientific, **social**, economic and societal impact in pursuit of this general objective, 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 diffusion of high-quality 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.

Or. fr

Amendment 62

Lola Sánchez Caldentey

Proposal for a regulation

Recital 5

Text proposed by the Commission

(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 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 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

Amendment

(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 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 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. 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.

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. Beneficiaries should make use of the possibilities offered by the European Open Science Cloud and adhere to further open science principles and practices.

Or. en

Amendment 63 **Brian Hayes**

Proposal for a regulation **Recital 6**

Text proposed by the Commission

(6) The conception and design of the Programme should respond to the need for establishing a critical mass of supported activities, throughout the EU Union and through international cooperation, in line with the UN Sustainable Development Goals (SDGs). Programme implementation should reinforce the pursuit of this aim.

Amendment

(6) The conception and design of the Programme should respond to the need for establishing a critical mass of supported activities, throughout the EU Union and through international cooperation, in line with the UN Sustainable Development Goals (SDGs). ***Horizon Europe should support and leverage national strategies for the fulfilment of the UN SDGs through common infrastructures and shared approaches.*** Programme implementation should reinforce the pursuit of this aim ***signalling the EU’s commitment to providing leadership in addressing global challenges of and to sharing its knowledge with the wider world***

Or. en

Amendment 64 **Linda McAvan**

Proposal for a regulation

Recital 6

Text proposed by the Commission

(6) The conception and design of the Programme should respond to the need for establishing a critical mass of supported activities, throughout the EU Union and through international cooperation, in line with the UN Sustainable Development Goals (SDGs). Programme implementation should reinforce the pursuit of this aim.

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Or. en

Amendment 65

Thierry Cornillet

Proposal for a regulation

Recital 6

Text proposed by the Commission

(6) The conception and design of the Programme should respond to the need for establishing a critical mass of supported activities, throughout the EU Union and through international cooperation, in line with the UN Sustainable Development Goals (SDGs). Programme implementation should reinforce the pursuit of this aim.

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(6) The conception and design of the Programme should respond to the need for establishing a critical mass of supported activities, throughout the EU Union and through international cooperation, in line with the UN Sustainable Development Goals (SDGs). Programme implementation should reinforce the pursuit of this aim, ***illustrating the European Union's commitment to tackling global challenges in cooperation with its international partners.***

Or. fr

Amendment 66
Brian Hayes

Proposal for a regulation
Recital 7

Text proposed by the Commission

(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.

Amendment

(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. ***European Research priorities should therefore be aligned with the Sustainable Development Goals in terms of establishing targets and measuring the impact of the Programme.***

Or. en

Amendment 67
Linda McAvan

Proposal for a regulation
Recital 7

Text proposed by the Commission

(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.

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(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. ***European Research priorities should therefore be aligned with the Sustainable Development Goals in terms of establishing targets and measuring the impact of the Programme.***

Or. en

Amendment 68
Thierry Cornillet

Proposal for a regulation
Recital 7

Text proposed by the Commission

(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.

Amendment

(7) Activities supported under the Programme should contribute towards the achievement of the Union's objectives and priorities, **including the UN Sustainable Development Goals**, the monitoring and assessment of progress against those objectives and priorities and the development of revised or new priorities.

Or. fr

Amendment 69
Linda McAvan

Proposal for a regulation
Recital 8 a (new)

Text proposed by the Commission

Amendment

(8 a) The programme should provide a comprehensive vision for research and product development to ensure increased coordination and coherence of European programmes with national and international initiatives and research agendas, and to ensure promising products are supported throughout the entire development pipeline, especially in areas with no market interest.

Or. en

Amendment 70
Bogdan Brunon Wenta

Proposal for a regulation
Recital 8 a (new)

Text proposed by the Commission

Amendment

(8 a) The Programme should provide a comprehensive vision for research and

product development to ensure increased coordination and coherence of European programmes with national and international initiatives and research agendas, and to ensure promising products are supported throughout the entire development pipeline, especially in areas with no market interest.

Or. en

Amendment 71
Lola Sánchez Caldentey

Proposal for a regulation
Recital 9

Text proposed by the Commission

(9) Research activities carried out under the pillar 'Open Science' should be determined according to the needs and opportunities of science. The research agenda should be set in close liaison with the scientific community. Research should be funded on the basis of excellence.

Amendment

(9) Research activities carried out under the pillar 'Open Science' should be determined according to the needs and opportunities of science *and society*. The research agenda should be set in close liaison with the scientific community *and civil organisations*. Research should be funded on the basis of excellence *and societal relevancy*.

Or. en

Amendment 72
Mireille D'Ornano, Florian Philippot

Proposal for a regulation
Recital 9

Text proposed by the Commission

(9) Research activities carried out under the *pillar* 'Open Science' should be determined according to the needs and opportunities of science. The research agenda should be set in close liaison with the scientific community. Research should be funded on the basis of excellence.

Amendment

(9) Research activities carried out under the 'Open Science' *pillar* should be determined according to the needs and opportunities of science. The research agenda should be set in close liaison with the scientific community. Research should be funded on the basis of excellence *and of its proven usefulness*.

Amendment 73**Brian Hayes****Proposal for a regulation****Recital 10***Text proposed by the Commission*

(10) The pillar 'Global Challenges and Industrial Competitiveness' should be established through clusters of research and innovation activities, in order to maximise integration across the respective work areas while securing high and sustainable levels of impact in relation to the resources that are expended. It will ***encourage cross-disciplinary, cross-sectoral, cross-policy and cross-border collaboration in pursuit of the UN SDGs and the competitiveness of the Union's industries therein.***

Amendment

(10) ***European research priorities extend beyond scientific ambitions. They include support for human well-being, environmental stability and economic sustainability.*** The pillar 'Global Challenges and Industrial Competitiveness' should be established through clusters of research and innovation activities, in order to maximise integration across the respective work areas while securing high and sustainable levels of impact in relation to the resources that are expended. It will ***also facilitate the development of appropriate metrics and evaluation criteria methodologies to measure policy and programme impact on all dimensions of sustainable development, including human development.***

Or. en

Amendment 74**Linda McAvan****Proposal for a regulation****Recital 10***Text proposed by the Commission*

(10) The pillar 'Global Challenges and Industrial Competitiveness' should be established through clusters of research and innovation activities, in order to maximise integration across the respective work areas while securing high and sustainable levels of impact in relation to the resources that are expended. It will encourage cross-

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Or. en

Amendment 75

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Recital 12

Text proposed by the Commission

(12) It is important to support industry to stay or become world leader in innovation, digitisation and decarbonisation, notably through investments in key enabling technologies that will underpin tomorrow's business. The Programme's actions should be used to address market failures or sub-optimal investment situations, in a proportionate manner, without duplicating or crowding out private financing and have a clear European added value. This will ensure consistency between the actions of the programme and EU State aid rules, avoiding undue distortions of competition in the internal market.

Amendment

(12) It is important to support industry to stay or become world leader in innovation, ***particularly in resource and energy efficient processes***, digitisation and decarbonisation, notably through investments in key enabling technologies that will underpin tomorrow's business ***and catalyse the transition towards a net-zero carbon European economy by mid century at the latest***. The Programme's actions should be used to address ***global societal challenges as embodied in the Paris Agreement and the UN SDGs***, market failures or sub-optimal investment situations, in a proportionate manner, without duplicating or crowding out private financing and have a clear European added value ***and fair public return on investments***. This will ensure consistency between the actions of the programme and EU State aid rules, avoiding undue distortions of competition in the internal

market.

Or. en

Amendment 76
Mireille D'Ornano, Florian Philippot

Proposal for a regulation
Recital 12

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Amendment

(12) It is **essential** to support industry to stay or become world leader in innovation, digitisation and decarbonisation, notably through investments in key enabling technologies that will underpin tomorrow's business. The Programme's actions should be used to address market failures or sub-optimal investment situations, in a proportionate manner, without duplicating or crowding out private financing and have a clear European added value. This will ensure consistency between the actions of the programme and EU State aid rules, avoiding undue distortions of competition in the internal market.

Or. fr

Amendment 77
Željana Zovko

Proposal for a regulation
Recital 12 a (new)

Text proposed by the Commission

Amendment

(12 a) A strategic planning process, with the involvement of academia, small and medium-sized enterprises SMES, industry, civil society and other stakeholders, should identify efficient and balanced ways to pursue the general objectives of the programme. This should result in periodic strategic R&I plans in the form

of delegated acts, which should be implemented through work programmes.

Or. en

Amendment 78
Linda McAvan

Proposal for a regulation
Recital 13

Text proposed by the Commission

(13) The Programme should support research and innovation in an integrated manner, respecting all relevant provisions of the World Trade Organisation. The concept of research, including experimental development should be used in accordance with the Frascati Manual developed by the OECD, whereas the concept of innovation should be used in accordance with the Oslo Manual developed by the OECD and Eurostat, following a broad approach that covers social innovation. The OECD definitions regarding Technological Readiness Level (TRL) should continue, as in the previous Framework Programme Horizon 2020, to be taken into account in the classification of technological research, product 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.

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Or. en

Amendment 79
Bogdan Brunon Wenta

Proposal for a regulation
Recital 13

Text proposed by the Commission

(13) The Programme should support research and innovation in an integrated manner, respecting all relevant provisions of the World Trade Organisation. The concept of research, including experimental development should be used in accordance with the Frascati Manual developed by the OECD, whereas the concept of innovation should be used in accordance with the Oslo Manual developed by the OECD and Eurostat, following a broad approach that covers social innovation. The OECD definitions regarding Technological Readiness Level (TRL) should continue, as in the previous Framework Programme Horizon 2020, to be taken into account in the classification of technological research, product 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.

Amendment

(13) The Programme should support research and innovation in an integrated manner, respecting all relevant provisions of the World Trade Organisation. The concept of research, including experimental development should be used in accordance with the Frascati Manual developed by the OECD, whereas the concept of innovation should be used in accordance with the Oslo Manual developed by the OECD and Eurostat, following a broad approach that covers social innovation. The OECD definitions regarding Technological Readiness Level (TRL) should continue, as in the previous Framework Programme Horizon 2020, to be taken into account in the classification of technological research, product 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, ***recognizing this is of specific importance in areas with market failure, poverty-related and neglected diseases.***

Or. en

Amendment 80
Mireille D'Ornano, Florian Philippot

Proposal for a regulation
Recital 14

Text proposed by the Commission

Amendment

(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 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, citizen involvement and wide communication; to rationalise the Union funding landscape, including by streamlining the range of partnership initiatives and co-funding 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 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.

(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 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 **effectively and** 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, citizen involvement and wide communication; to rationalise the Union funding landscape, including by streamlining the range of partnership initiatives and co-funding schemes; **to develop more** concrete synergies between different Union funding instruments, notably with the aim of helping to mobilise under-exploited 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.

Or. fr

Amendment 81
Željana Zovko

Proposal for a regulation
Recital 15 a (new)

Text proposed by the Commission

Amendment

(15 a) The Programme should encourage linking of different institutions of higher education in the area of natural and social sciences designing interdisciplinary and multidisciplinary studies / courses in higher education where experts should take into account the need to ensure a

Amendment 82
Mireille D'Ornano, Florian Philippot

Proposal for a regulation
Recital 16

Text proposed by the Commission

(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.

Amendment

(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 *or associations* 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.

Amendment 83
Željana Zovko

Proposal for a regulation
Recital 17 a (new)

Text proposed by the Commission

Amendment

(17 a) The Programme should simplify the authorisation formalities, support research in the field of social sciences encouraging university twinning, networking programme and joint doctorates both within Europe and with third countries participating in the programme, encouraging inter-university

cooperation through the transfer of knowledge across borders.

Or. en

Amendment 84
Brian Hayes

Proposal for a regulation
Recital 25

Text proposed by the Commission

(25) The Programme should promote and integrate cooperation with third countries and international organisations and initiatives based on common interest, mutual benefit and global commitments to implement the UN SDGs. ***International cooperation should aim to strengthen the Union's research and innovation excellence, attractiveness and economic and industrial 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.***

Amendment

(25) The Programme should promote and integrate cooperation with third countries and international organisations and initiatives based on common interest, mutual benefit and global commitments to implement the UN SDGs. ***Greater global co-operation in science can lead to shared perspectives and economic futures. Economic co-operation has the potential to limit conflict and scientific cooperation can be a new language of diplomacy.*** International *collaboration and cooperation in Horizon Europe* should be ***designed around common goals.***

Or. en

Amendment 85
Florent Marcellesi
on behalf of the Verts/ALE Group

Proposal for a regulation
Recital 25

Text proposed by the Commission

(25) The Programme should promote
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Amendment

(25) The Programme should promote
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and integrate cooperation with third countries and international organisations and initiatives based on common interest, mutual *benefit* and global commitments to implement the UN SDGs. International cooperation should aim to strengthen the Union's research and innovation *excellence*, attractiveness and economic and industrial 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.

and integrate cooperation with third countries and international organisations and initiatives based on common interest, mutual *benefits* and global commitments to implement the UN SDGs *and the Paris Agreement*. International cooperation should aim to strengthen the Union's *excellence in* research and innovation, *in particular eco-innovation*, attractiveness and economic and industrial *sustainability and* competitiveness, to tackle global *societal* challenges, as embodied in *the Paris Agreement and* the UN SDGs, and to support the Union's external policies. An approach of general opening for international participation and targeted international cooperation actions *including with low- and middle income countries*, should be followed, including through appropriate eligibility for funding of entities. At the same time, association of third countries to the Programme should be promoted.

Or. en

Amendment 86 **Thierry Cornillet**

Proposal for a regulation **Recital 25**

Text proposed by the Commission

(25) The Programme should promote and integrate cooperation with third countries and international organisations and initiatives based on common interest, mutual benefit and global commitments to implement the UN SDGs. International cooperation should aim to strengthen the Union's research and innovation excellence, attractiveness and economic and industrial 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

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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 *so as to ensure that the world's most talented researchers contribute to its implementation.*

Or. fr

Amendment 87
Doru-Claudian Frunzulică

Proposal for a regulation
Recital 25

Text proposed by the Commission

(25) The Programme should promote and integrate cooperation with third countries and international organisations and initiatives based on common interest, mutual benefit and global commitments to implement the UN SDGs. International cooperation should aim to strengthen the Union's research and innovation excellence, attractiveness and economic and industrial 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.

Amendment

(25) The Programme should promote and integrate cooperation with third countries and international organisations and initiatives based on common interest, mutual benefit and global commitments to implement the UN SDGs. International cooperation should aim to strengthen the Union's research and innovation excellence, attractiveness and economic and industrial competitiveness, to tackle global challenges, as embodied in the UN SDGs, and to support the Union's external policies, *notably the reduction and long-term eradication of poverty.* 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.

Or. en

Amendment 88
Mireille D'Ornano, Florian Philippot

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Proposal for a regulation
Recital 25

Text proposed by the Commission

(25) The Programme should promote and integrate cooperation with third countries and international organisations and initiatives based on common interest, mutual benefit and global commitments to implement the UN SDGs. International cooperation should aim to strengthen the Union's research and innovation excellence, attractiveness and economic and industrial 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.

Amendment

(25) The Programme should promote and integrate cooperation with third countries and international organisations and initiatives based on common interest, mutual benefit and global commitments to implement the UN SDGs. International cooperation should aim to strengthen the Union's research and innovation excellence, attractiveness and economic and industrial 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, *inter alia*, in low to middle income countries. At the same time, association of third countries to the Programme should be promoted.

Or. fr

Amendment 89
Mireille D'Ornano, Florian Philippot

Proposal for a regulation
Recital 26

Text proposed by the Commission

(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 organisations in co-designing and co-creating responsible research and innovation agendas and contents, promoting science education, making scientific knowledge publicly accessible, and facilitating participation by citizens

Amendment

(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 organisations in co-designing, *jointly assessing* and co-creating responsible research and innovation agendas and contents, promoting science education, making scientific knowledge publicly accessible, and facilitating participation by

and civil society organisations in its activities. It should do so across the Programme and through dedicated activities in the part 'Strengthening the European Research Area'. The engagement of citizens and civil society in research and innovation should be coupled with public outreach activities to generate and sustain public support for the Programme. The programme should also seek to remove barriers and boost synergies between science, technology, culture and the arts to obtain a new quality of sustainable innovation.

citizens and civil society organisations in its activities. It should do so across the Programme and through dedicated activities in the part 'Strengthening the European Research Area'. The engagement of citizens and civil society in research and innovation should be coupled with public outreach activities to generate and sustain public support for the Programme. The programme should also seek to remove barriers and boost synergies between science, technology, culture and the arts to obtain a new quality of sustainable innovation.

Or. fr

Amendment 90
Brian Hayes

Proposal for a regulation
Recital 28

Text proposed by the Commission

(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 Articles 2 and 3 of the Treaty on European Union and Article 8 of the TFEU. The gender dimension should be adequately integrated in research and innovation content and followed through at all stages of the research cycle.

Amendment

(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 Articles 2 and 3 of the Treaty on European Union and Article 8 of the TFEU. The gender dimension should be adequately integrated in research and innovation content and followed through at all stages of the research cycle. ***The Programme should include concrete measures to counteract unconscious gender bias.***

Or. en

Amendment 91
Linda McAvan

Proposal for a regulation
Recital 28

Text proposed by the Commission

(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 Articles 2 and 3 of the Treaty on European Union and Article 8 of the TFEU. The gender dimension should be adequately integrated in research and innovation content and followed through at all stages of the research cycle.

Amendment

(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 Articles 2 and 3 of the Treaty on European Union and Article 8 of the TFEU. The gender dimension should be adequately integrated in research and innovation content and followed through at all stages of the research cycle. ***The Programme should include concrete measures to counteract unconscious gender bias.***

Or. en

Amendment 92

Mireille D'Ornano, Florian Philippot

Proposal for a regulation

Recital 36

Text proposed by the Commission

(36) Coherence and synergies between Horizon Europe and the EU's Space Programme will foster a globally competitive and innovative European space sector; reinforce Europe's autonomy in accessing and using space in a secure and safe environment; and strengthen Europe's role as a global actor. Breakthrough solutions in Horizon Europe will be supported by data and services made available by the Space Programme.

Amendment

(36) Coherence and synergies between Horizon Europe and the EU's Space Programme will foster a globally competitive and innovative European space sector, ***in a context where that sector is currently outdistanced by its American and Asian rivals***; reinforce Europe's autonomy in accessing and using space in a secure and safe environment; and strengthen Europe's role as a global actor. Breakthrough solutions in Horizon Europe will be supported by data and services made available by the Space Programme.

Or. fr

Amendment 93

Doru-Claudian Frunzuliță

Proposal for a regulation

Recital 40

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Text proposed by the Commission

(40) In line with the objectives of international cooperation as set out in Articles 180 and 186 TFEU, the participation of legal entities established in third countries and of international organisations should be promoted. The implementation of the Programme should be in conformity with the measures adopted in accordance with Articles 75 and 215 TFEU and should be in compliance with international law. For actions related to Union strategic assets, interests, autonomy or security, the participation to specific actions of the Programme may be limited to entities established in Member States only, or to entities established in specified associated or other third countries in addition to Member States.

Amendment

(40) In line with the objectives of international cooperation as set out in Articles 180 and 186 TFEU, the participation of legal entities established in third countries and of international organisations should be promoted. ***In support of the participation of entities established in third countries, training and information activities shall be provided to the national contact points (NCPs) and to all relevant stakeholders from research organisations to private sector, civil society, as well as local and national authorities.*** The implementation of the Programme should be in conformity with the measures adopted in accordance with Articles 75 and 215 TFEU and should be in compliance with international law. For actions related to Union strategic assets, interests, autonomy or security, the participation to specific actions of the Programme may be limited to entities established in Member States only, or to entities established in specified associated or other third countries in addition to Member States.

Or. en

Amendment 94

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Recital 41

Text proposed by the Commission

(41) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Programme ***will*** contribute to mainstream climate actions and to the achievement of an overall target of **25** % of the EU budget

Amendment

(41) ***Acknowledging climate change as one of the biggest and most important global and societal challenges and*** reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this

expenditures supporting climate objectives.

Programme *shall* contribute to mainstream climate actions and to the achievement of an overall target of **at least 50 %** of the EU budget expenditures supporting climate objectives. *In order to address the European Court of Auditors recommendations [Report 31/2016], compulsory climate action targets should be laid out in programme specific legislations and require ex-ante earmarking in all programming and planning processes rather than only ex-post accounting. Accordingly, at least 50% of the Horizon Europe budget should be earmarked for climate-related expenditure and fully reflected in the formulation of strategic planning process and subsequent work programmes.*

Or. en

Justification

The 35% of earmarking for climate expenditure of the Horizon budgetary envelope as proposed by the Commission [Decision on Specific Programme] only confirms the status quo of the current programme. Given that climate change is one of the biggest and most pressing global and societal challenges this will be insufficient. The transition towards reaching a net-zero greenhouse gas emission economy by 2050 at the latest needs to accelerate and an ambitious and well endowed RDI policy is the best tool to achieve that.

Amendment 95

Mireille D'Ornano, Florian Philippot

Proposal for a regulation

Recital 41

Text proposed by the Commission

(41) Reflecting the **importance of tackling** climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Programme will contribute to **mainstream** climate actions and to the achievement of an overall target of **25 %** of the EU budget **expenditures** supporting climate objectives.

Amendment

(41) Reflecting the **absolute and growing urgency of the need to tackle** climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Programme will contribute to **mainstreaming** climate actions and to the achievement of an overall target of **25%** of the EU budget **expenditure** supporting climate objectives.

Amendment 96

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Recital 41 a (new)

Text proposed by the Commission

Amendment

(41 a) Given the substantial negative impact of fossil fuels in fostering climate change, the Horizon Europe Programme should commit to the phasing out of fossil fuel by not providing any financial support to activities or investments related to the production, processing, distribution, storage or combustion of fossil fuels or any other activity that is detrimental to the climate and contradicts the EU's commitment under the Paris Agreement.

Or. en

Justification

Holding the global average temperature increase well below 2°C presupposes stronger action, especially in a context where EU's energy policy will certainly be used as a template in international negotiations, while those countries which contributed the least to the rise of greenhouse gases (such as small islands and Least Developed Countries) will be most impacted by climate change.

Amendment 97

Lola Sánchez Caldentey

Proposal for a regulation

Article 2 – paragraph 1 – point 4

Text proposed by the Commission

Amendment

(4) 'open access' means the practice of providing online access to research outputs resulting from actions funded under the Programme, in particular scientific publications and research data, free of charge to the end-user;

(4) 'open access' means the practice of providing online access to research outputs ***and research data*** resulting from actions funded under the Programme, in particular scientific publications and research data, free of charge to the end-user;

Amendment 98

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 3 – paragraph 1

Text proposed by the Commission

1. The Programme's general objective is to deliver scientific, economic and societal impact from the Union's investments in research and innovation so as to strengthen the scientific and technological bases of the Union and foster its competitiveness, including in its industry, deliver on the Union strategic priorities, and contribute to tackling global challenges, **including** the Sustainable Development Goals.

Amendment

1. The Programme's general objective is to deliver scientific, economic, **climate** and societal impact from the Union's investments in research and innovation so as to strengthen the scientific and technological bases of the Union and foster its competitiveness, including in its industry, deliver on the Union strategic priorities, **commitments** and contribute to tackling global **societal** challenges, **embodied by** the Sustainable Development Goals **and in the Paris Agreement**.

Or. en

Amendment 99

Doru-Claudian Frunzuliță

Proposal for a regulation

Article 3 – paragraph 1

Text proposed by the Commission

1. The Programme's general objective is to deliver scientific, economic and societal impact from the Union's investments in research and innovation so as to strengthen the scientific and technological bases of the Union and foster its competitiveness, including in its industry, deliver on the Union strategic priorities, and contribute to tackling global challenges, including the Sustainable Development Goals.

Amendment

1. The Programme's general objective is to deliver scientific, economic and societal impact from the Union's investments in research and innovation so as to strengthen the scientific and technological bases of the Union and foster its competitiveness, including in its industry, deliver on the Union strategic priorities, and contribute to tackling global challenges, including **measures to help achieve** the Sustainable Development Goals **inside and outside the Union**.

Amendment 100

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 3 – paragraph 2 – point a

Text proposed by the Commission

(a) to **support** the creation and diffusion of high-quality new knowledge, skills, technologies and solutions **to global challenges**;

Amendment

(a) to **address global societal challenges and strengthen the European knowledge base by supporting** the creation and diffusion of high-quality new knowledge, skills, technologies and solutions;

Or. en

Amendment 101

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 3 – paragraph 2 – point d a (new)

Text proposed by the Commission

Amendment

(d a) to contribute to the fulfilment of the EU's commitment under the Paris Agreement by investing at least 50% of the Programme's financial envelope in climate-related research and innovation.

Or. en

Justification

Given the role of research, innovation and competitiveness within the Energy Union Framework, the Horizon Europe Programme should be used to achieve the 2030 and longer term objectives established under the climate and energy framework, especially in a context where EU's energy policy will certainly be used as a template in international negotiations.

Amendment 102

Jean-Luc Schaffhauser

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Proposal for a regulation

Article 4 – paragraph 1 – point 1 – introductory part

Text proposed by the Commission

(1) Pillar I '*Open* Science', pursuing the specific objective set out in Article 3(2)(a) and also supporting specific objectives set out in Article 3(2)(b) and (c), with the following components:

Amendment

(1) Pillar I 'Science', pursuing the specific objective set out in Article 3(2)(a) and also supporting specific objectives set out in Article 3(2)(b) and (c), with the following components:

Or. fr

Amendment 103

Jean-Luc Schaffhauser

Proposal for a regulation

Article 4 – paragraph 1 – point 3 – introductory part

Text proposed by the Commission

(3) Pillar III '*Open* Innovation', pursuing the specific objective set out in Article 3(2)(c) and also supporting the specific objectives set out in Article 3(2)(a) and (b), with the following components:

Amendment

(3) Pillar III 'Innovation', pursuing the specific objective set out in Article 3(2)(c) and also supporting the specific objectives set out in Article 3(2)(a) and (b), with the following components:

Or. fr

Amendment 104

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 6 – paragraph 9 a (new)

Text proposed by the Commission

Amendment

9 a. Climate mainstreaming shall be adequately integrated in research and innovation content and applied at all stages of the research cycle. The Programme shall invest at least 50% of its overall financial envelope to climate-related research and innovation, in accordance with Article 6 (new).

Justification

Given the role of research, innovation and competitiveness within the Energy Union Framework, the Horizon Europe Programme should be used to achieve the 2030 and longer term objectives established under the climate and energy framework, especially in a context where EU's energy policy will certainly be used as a template in international negotiations.

Amendment 105
Thierry Cornillet

Proposal for a regulation
Article 7 – paragraph 3 – point a a (new)

Text proposed by the Commission

Amendment

(aa) facilitating achievement of the UN Sustainable Development Goals;

Or. fr

Amendment 106
Jean-Luc Schaffhauser

Proposal for a regulation
Article 8 – paragraph 1 – point a

Text proposed by the Commission

Amendment

(a) participation in partnerships set up on the basis of memoranda of understanding and/or contractual arrangements between the **Commission** and the partners referred to in Article 2(3), specifying the objectives of the partnership, related commitments for financial and/or in-kind contributions of the partners, key performance and impact indicators, and outputs to be delivered. They include the identification of complementary research and innovation activities that are implemented by the partners and by the Programme (Co-programmed European Partnerships);

(a) participation in partnerships set up on the basis of memoranda of understanding and/or contractual arrangements between the **Council** and the partners referred to in Article 2(3), specifying the objectives of the partnership, related commitments for financial and/or in-kind contributions of the partners, key performance and impact indicators, and outputs to be delivered. They include the identification of complementary research and innovation activities that are implemented by the partners and by the Programme (Co-programmed European Partnerships);

Or. fr

Amendment 107

Jean-Luc Schaffhauser

Proposal for a regulation

Article 9 – paragraph 2 – point a – introductory part

Text proposed by the Commission

(a) EUR 25 800 000 000 for Pillar I 'Open Science' for the period 2021-2027, of which

Amendment

(a) EUR 25 800 000 000 for Pillar I 'Science' for the period 2021-2027, of which

Or. fr

Amendment 108

Jean-Luc Schaffhauser

Proposal for a regulation

Article 9 – paragraph 2 – point c – introductory part

Text proposed by the Commission

(c) EUR 13 500 000 000 for Pillar III 'Open Innovation' for the period 2021-2027, of which

Amendment

(c) EUR 13 500 000 000 for Pillar III 'Innovation' for the period 2021-2027, of which

Or. fr

Amendment 109

Jean-Luc Schaffhauser

Proposal for a regulation

Article 9 – paragraph 3

Text proposed by the Commission

3. In order to respond to unforeseen situations or to new developments and needs, the Commission may, within the annual budgetary procedure, deviate from the amounts referred to in paragraph 2 up to a maximum of 10%. No such deviation shall be allowed in respect of the amounts referred to in points (b) (6) of paragraph 2 of this Article and the total

Amendment

deleted

amount set out for Part 'Strengthening the European Research Area' of paragraph 2 of this Article.

Or. fr

Amendment 110
Lola Sánchez Caldentey

Proposal for a regulation
Article 10 – paragraph 1

Text proposed by the Commission

1. Open access to scientific publications resulting from research funded under the Programme shall be ensured in accordance with Article 35(3). Open access to research data shall be ensured *in line with the principle 'as open as possible, as closed as necessary'*. Open access to other research outputs shall be *encouraged*.

Amendment

1. Open access to scientific publications resulting from research funded under the Programme shall be ensured in accordance with Article 35(3). Open access to *all* research data shall be ensured. *In cases of conflict between an access restriction under consideration and the pursuit of any of the components of the general objective laid down in Article 3, the restriction shall not be applied unless a compelling need for this is identified.* Open access to other research outputs shall be *strongly promoted*.

Or. en

Justification

Conflicts may arise between competitiveness promotion through exceptions to open access on the one hand and effective contribution to the addressing of global challenges on the other hand. In such cases, the justification for a proposed exception from the open access principle should have to be specific and extra strong.

Amendment 111
Jean-Luc Schaffhauser

Proposal for a regulation
Article 10 – paragraph 1

Text proposed by the Commission

1. *Open* access to scientific publications resulting from research funded

Amendment

1. Access to scientific publications resulting from research funded under the

under the Programme shall be ensured in accordance with Article 35(3). **Open** access to research data shall be ensured ***in line with the principle 'as open as possible, as closed as necessary'***. Open access to other research outputs shall be encouraged.

Programme shall be ensured in accordance with Article 35(3). Access to research data shall be ensured ***subject to the right of states to protect their basic national economic interests by protecting strategic information***. Open access to other research outputs shall be encouraged.

Or. fr

Amendment 112
Jean-Luc Schaffhauser

Proposal for a regulation
Article 10 – paragraph 2

Text proposed by the Commission

2. Responsible management of research data shall be ensured in line with ***the principles 'Findability', 'Accessibility', 'Interoperability' and 'Reusability' (FAIR)***.

Amendment

2. Responsible management of research data shall be ensured in line with ***Member States' legislation***.

Or. fr

Amendment 113
Jean-Luc Schaffhauser

Proposal for a regulation
Article 10 – paragraph 3

Text proposed by the Commission

3. ***Open science practices beyond open access to research outputs and responsible management of research data shall be promoted.***

Amendment

deleted

Or. fr

Amendment 114
Lola Sánchez Caldentey

Proposal for a regulation

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Article 10 – paragraph 3

Text proposed by the Commission

3. Open science practices beyond open access to research outputs and responsible management of research data shall be promoted.

Amendment

3. Open science practices beyond open access to research outputs and responsible management of research data shall be ***unequivocally*** promoted.

Or. en

Amendment 115

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 14 – paragraph 1 – subparagraph 2 – point c a (new)

Text proposed by the Commission

Amendment

(c a) activities or investments related to the production, processing, distribution, storage or combustion of fossil fuels or any other activity that is detrimental to the climate and contradicts the EU's commitment under the Paris Agreement.

Or. en

Amendment 116

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 18 – paragraph 5 a (new)

Text proposed by the Commission

Amendment

5 a. Legal entities' including any affiliated entity should be excluded from participation when by the objective they pursue, their place of establishment, the nature or the location of their activities, would cause the European Union to breach international law or international humanitarian law as established by a decision of the United Nations Security

Council or by a judgement or advisory opinion of the International Court of Justice.

Or. en

Amendment 117

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 18 – paragraph 5 b (new)

Text proposed by the Commission

Amendment

5 b. *Horizon Europe shall exclude participation of undertakings established in a third country which promotes itself as an off-shore financial centre or in which there are no or nominal taxes, there is a lack of effective exchange of information with foreign tax authorities, there is a lack of transparency in regard to legislative, judicial or administrative provisions, or there is no requirement for a substantive local presence;*

Or. en

Amendment 118

Jean-Luc Schaffhauser

Proposal for a regulation

Article 19 – paragraph 2 – point a

Text proposed by the Commission

Amendment

(a) the third country is identified in the work programme adopted by the *Commission* ; or

(a) the third country is identified in the work programme adopted by the **Council**; or

Or. fr

Amendment 119

Jean-Luc Schaffhauser

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Proposal for a regulation
Article 21 – paragraph 1 – introductory part

Text proposed by the Commission

The *Commission or* funding body may issue a joint call for proposals with:

Amendment

The funding body may issue a joint call for proposals with:

Or. fr

Amendment 120
Jean-Luc Schaffhauser

Proposal for a regulation
Article 35 – paragraph 2 – subparagraph 1

Text proposed by the Commission

Subject to any restrictions due to the protection of intellectual property, security rules or legitimate interests, beneficiaries shall disseminate their results as soon as possible.

Amendment

Subject to any restrictions due to the protection of intellectual property, security rules or legitimate interests, *including at Member State level the protection of basic national economic interests*, beneficiaries shall disseminate their results as soon as possible.

Or. fr

Amendment 121
Jean-Luc Schaffhauser

Proposal for a regulation
Article 35 – paragraph 2 – subparagraph 2

Text proposed by the Commission

The work programme may provide for additional dissemination obligations.

Amendment

deleted

Or. fr

Amendment 122
Jean-Luc Schaffhauser

Proposal for a regulation
Article 35 – paragraph 3 – subparagraph 1

Text proposed by the Commission

Beneficiaries shall ensure that *open* access to scientific publications applies under the terms and conditions laid down *in the grant agreement*. In particular, the beneficiaries shall ensure that they or the authors retain sufficient intellectual property rights to comply with their *open* access requirements.

Amendment

Beneficiaries shall ensure that access to scientific publications applies under the terms and conditions laid down, *in agreement with the Member State and in line with its rules for classifying the accessibility of information according to its strategic sensitivity with regard to the protection of the national interest, particularly in the fields of the economy, finance and industry*. In particular, the beneficiaries shall ensure that they or the authors retain sufficient intellectual property rights to comply with their access requirements.

Or. fr

Amendment 123
Jean-Luc Schaffhauser

Proposal for a regulation
Article 35 – paragraph 3 – subparagraph 2

Text proposed by the Commission

Open access to research data shall be *the general rule under the terms and conditions laid down in the grant agreement, but exceptions shall apply if justified, taking* into consideration the legitimate interests of the beneficiaries and any other constraints, such as data protection rules, security rules or intellectual property rights.

Amendment

Access to research data shall be *regulated by the Member States at their discretion. Such regulation* shall *take* into consideration the legitimate interests of the beneficiaries and any other constraints, such as data protection rules, security rules or intellectual property rights.

Or. fr

Amendment 124
Lola Sánchez Caldentey

Proposal for a regulation
Article 35 – paragraph 3 – subparagraph 2

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Text proposed by the Commission

Open access to research data shall be the general rule under the terms and conditions laid down in the grant agreement, but exceptions shall apply if justified, taking into consideration the legitimate interests of the beneficiaries and any other constraints, such as ***data protection rules, security rules or intellectual property rights***.

Amendment

Open access to research data shall be the general rule under the terms and conditions laid down in the grant agreement, but exceptions shall apply ***only*** if justified, ***and can only happen exceptionally if specific reasons exist***, taking into consideration the legitimate interests of the beneficiaries and any other constraints, such as ***personal privacy***.

Or. en

Amendment 125
Jean-Luc Schaffhauser

Proposal for a regulation
Article 35 – paragraph 3 – subparagraph 3

Text proposed by the Commission

The work programme may provide for additional obligations to adhere to open science practices.

Amendment

deleted

Or. fr

Amendment 126
Jean-Luc Schaffhauser

Proposal for a regulation
Article 35 – paragraph 4 – subparagraph 1

Text proposed by the Commission

Beneficiaries shall manage all research data in accordance with the terms and conditions laid down in the ***grant agreement*** and shall establish a Data Management Plan.

Amendment

Beneficiaries shall manage all research data in accordance with the terms and conditions laid down in the ***Member State's national regulations*** and shall establish a Data Management Plan ***in agreement with the authorities responsible for the defence of the Member State's economic interests***.

Or. fr

Amendment 127
Jean-Luc Schaffhauser

Proposal for a regulation
Article 35 – paragraph 4 – subparagraph 2

Text proposed by the Commission

The work programme may provide for additional obligations *to use the European Open Science Cloud for storing* and giving access to research data.

Amendment

The work programme may provide for additional obligations *with regard to the use of cloud storage for holding* and giving access to research data *and particularly the use of data storage centres exclusively within the Member State where the data has been generated and processed.*

Or. fr

Amendment 128
Jean-Luc Schaffhauser

Proposal for a regulation
Article 35 – paragraph 5

Text proposed by the Commission

5. Beneficiaries that intend to disseminate their results shall give advance notice to the other beneficiaries in the action. Any other beneficiary may object if it can show that the intended dissemination would significantly harm its legitimate interests in relation to its results or background. In such cases, the dissemination may not take place unless appropriate steps are taken to safeguard these legitimate interests.

Amendment

5. Beneficiaries that intend to disseminate their results shall give advance notice to the other beneficiaries in the action *or to the competent authorities of the Member State*. Any other beneficiary may object if it can show that the intended dissemination would significantly harm its legitimate interests in relation to its results or background. In such cases, the dissemination may not take place unless appropriate steps are taken to safeguard these legitimate interests.

Or. fr

Amendment 129
Jean-Luc Schaffhauser

Proposal for a regulation
Article 35 – paragraph 6 – subparagraph 1

Text proposed by the Commission

Unless the work programme provides otherwise, proposals shall include a plan for the exploitation and dissemination of the results. If the expected exploitation entails developing, creating, manufacturing and marketing a product or process, or in creating and providing a service, the plan shall include a strategy for such exploitation. If the plan provides for exploitation primarily in non-associated third countries, the legal entities shall explain how that exploitation is still in the *Union* interest.

Amendment

Unless the work programme provides otherwise, proposals shall include a plan for the exploitation and dissemination of the results. If the expected exploitation entails developing, creating, manufacturing and marketing a product or process, or in creating and providing a service, the plan shall include a strategy for such exploitation. If the plan provides for exploitation primarily in non-associated third countries, the legal entities shall explain how that exploitation is still in the interest *of the relevant Member State or States*.

Or. fr

Amendment 130
Jean-Luc Schaffhauser

Proposal for a regulation
Article 35 – paragraph 7

Text proposed by the Commission

7. For the purposes of monitoring and dissemination by the *Commission or* funding body, the beneficiaries shall provide any requested information regarding the exploitation and dissemination of their results. Subject to the legitimate interests of the beneficiaries, such information shall be made publicly available.

Amendment

7. For the purposes of monitoring and dissemination by the funding body, the beneficiaries, *in agreement with the authorities responsible for the defence of the Member State's economic interests*, shall provide any requested information regarding the exploitation and dissemination of their results. Subject to the legitimate interests of the beneficiaries *and of the Member State or States concerned*, such information shall be made publicly available.

Or. fr

Amendment 131
Jean-Luc Schaffhauser

Proposal for a regulation
Article 36 – paragraph 2 – subparagraph 1

Text proposed by the Commission

Unless agreed otherwise in writing for *specifically-identified* third parties or unless impossible under applicable law, beneficiaries that intend to transfer ownership of results shall give advance notice to any other beneficiary that still has access rights to the results. The notification must include sufficient information on the new owner to enable a beneficiary to assess the effects on its access rights.

Amendment

Unless agreed otherwise in writing for *specifically identified* third parties, or unless impossible under applicable law, beneficiaries that intend to transfer ownership of results shall give advance notice *to the authorities of the Member State and* to any other beneficiary that still has access rights to the results. The notification must include sufficient information on the new owner to enable a beneficiary to assess the effects on its access rights.

Or. fr

Amendment 132
Jean-Luc Schaffhauser

Proposal for a regulation
Article 36 – paragraph 2 – subparagraph 2

Text proposed by the Commission

Unless agreed otherwise in writing for *specifically-identified* third parties, a beneficiary may object to the transfer if it can show that the transfer would adversely affect its access rights. In this case, the transfer may not take place until agreement has been reached between the beneficiaries concerned.

Amendment

Unless agreed otherwise in writing for *specifically identified* third parties, a beneficiary may object to the transfer if it can show that the transfer would adversely affect its access rights. In this case, the transfer may not take place until agreement has been reached between the beneficiaries concerned. *The Member State concerned may also object to the transfer if it would compromise its basic national economic interests.*

Or. fr

Amendment 133
Jean-Luc Schaffhauser

Proposal for a regulation

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Article 36 – paragraph 4 – subparagraph 2

Text proposed by the Commission

If the right to object applies, the beneficiary shall give advance notice. The right to object may be waived in writing regarding transfers or grants to specifically identified legal entities if measures safeguarding Union interests are in place.

Amendment

If the right to object applies, the beneficiary shall give advance notice. The right to object may be waived in writing regarding transfers or grants to specifically identified legal entities if measures safeguarding Union **and Member State** interests are in place.

Or. fr

Amendment 134

Jean-Luc Schaffhauser

Proposal for a regulation

Article 37 – paragraph 6

Text proposed by the Commission

6. The *work programme may provide for additional* access rights.

Amendment

6. The **Member State concerned may regulate the** access rights **in order to protect information of strategic importance for its defence, security, economy or industry.**

Or. fr

Amendment 135

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 37 – paragraph 6 a (new)

Text proposed by the Commission

Amendment

6 a. In case of innovation that is highly relevant to developing countries' needs, including in the field of global health, the Commission shall include in the grant agreement licensing conditions to improve access and affordability of biomedical products in developing countries by means of 'humanitarian use licensing

conditions';

Or. en

Amendment 136
Jean-Luc Schaffhauser

Proposal for a regulation
Article 38 – paragraph 2

Text proposed by the Commission

These specific rules shall not change the obligations on *open* access.

Amendment

These specific rules shall not change the obligations on access.

Or. fr

Amendment 137
Jean-Luc Schaffhauser

Proposal for a regulation
Article 40 – paragraph 2

Text proposed by the Commission

2. Procurement may also take the form of pre-commercial procurement or procurement of innovative solutions carried out by the *Commission or the* funding body on its own behalf or jointly with contracting authorities from Member States and associated countries. In this case, the rules set out in Article 22 shall apply.

Amendment

2. Procurement may also take the form of pre-commercial procurement or procurement of innovative solutions carried out by the funding body on its own behalf or jointly with contracting authorities from Member States and associated countries. In this case, the rules set out in Article 22 shall apply.

Or. fr

Amendment 138
Jean-Luc Schaffhauser

Proposal for a regulation
Article 43 – paragraph 5 – introductory part

Text proposed by the Commission

Amendment

5. With the agreement of applicants concerned, the *Commission or* funding bodies implementing Horizon Europe may directly submit for evaluation under the last evaluation criterion a proposal for an innovation and market deployment action which already fulfils the first two criteria, subject to the following cumulative conditions:

5. With the agreement of applicants concerned, the funding bodies implementing Horizon Europe may directly submit for evaluation under the last evaluation criterion a proposal for an innovation and market deployment action which already fulfils the first two criteria, subject to the following cumulative conditions:

Or. fr

Amendment 139
Jean-Luc Schaffhauser

Proposal for a regulation
Article 46 – paragraph 2

Text proposed by the Commission

Amendment

2. The Commission shall implement information and communication actions relating to the Programme, and its actions and results. Financial resources allocated to the Programme shall also contribute to the corporate communication of the political priorities of the Union, as far as they are related to the objectives referred to in Article 3.

deleted

Or. fr

Amendment 140
Jean-Luc Schaffhauser

Proposal for a regulation
Article 46 – paragraph 3

Text proposed by the Commission

Amendment

3. The Commission shall also establish a dissemination and exploitation strategy for increasing the availability and diffusion of the Programme’s research and innovation results and knowledge to accelerate exploitation towards market uptake and boost the impact of the

deleted

Programme. Financial resources allocated to the Programme shall also contribute to the corporate communication of the political priorities of the Union as well as information, communication, publicity, dissemination and exploitation activities as far as they are related to the objectives referred to in Article 3.

Or. fr

Amendment 141

Florent Marcellesi

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 47 – paragraph 2 a (new)

Text proposed by the Commission

Amendment

2 a. *To ensure that cross-cutting concerns are properly considered in the implementation of Horizon Europe, the Commission shall perform not only an economical but also societal, ethical and sustainability assessment and evaluation of the specific research programmes as part of regular monitoring and evaluation of Horizon Europe.*

Or. en

Amendment 142

Jean-Luc Schaffhauser

Proposal for a regulation

Article 47 – paragraph 4

Text proposed by the Commission

Amendment

4. The **Commission** shall communicate the conclusions of the evaluations accompanied by its observations, to the European Parliament, **the Council**, the European Economic and Social Committee and the Committee of

4. The **Council** shall communicate the conclusions of the evaluations accompanied by its observations, to the European Parliament, the European Economic and Social Committee and the Committee of the Regions.

the Regions.

Or. fr

Amendment 143
Jean-Luc Schaffhauser

Proposal for a regulation
Article 48 – paragraph 3

Text proposed by the Commission

3. In addition, the *Commission or* funding body may rely on combined systems reviews at beneficiary level. These combined reviews shall be optional for certain types of beneficiaries and shall consist in a systems and process audit, complemented by an audit of transactions, carried out by a competent independent auditor qualified to carry out statutory audits of accounting documents in accordance with Directive 2006/43/EC³⁴. They may be used by the Commission or funding body to determine overall assurance on the sound financial management of expenditure and for reconsideration of the level of ex-post audits and certificates on financial statements.

³⁴ Directive 2006/43/EC of the European Parliament and of the Council of 17 May 2006 on statutory audits of annual accounts and consolidated accounts, amending Council *Directive* 78/660/EEC and 83/349/EEC and repealing Council Directive 84/253/EEC (OJ L 157, 9.6.2006, p. 87)

Amendment

3. In addition, the funding body may rely on combined systems reviews at beneficiary level. These combined reviews shall be optional for certain types of beneficiaries and shall consist in a systems and process audit, complemented by an audit of transactions, carried out by a competent independent auditor qualified to carry out statutory audits of accounting documents in accordance with Directive 2006/43/EC³⁴. They may be used by the Commission or funding body to determine overall assurance on the sound financial management of expenditure and for reconsideration of the level of ex-post audits and certificates on financial statements.

³⁴ Directive 2006/43/EC of the European Parliament and of the Council of 17 May 2006 on statutory audits of annual accounts and consolidated accounts, amending Council *Directives* 78/660/EEC and 83/349/EEC and repealing Council Directive 84/253/EEC (OJ L 157, 9.6.2006, p. 87).

Or. fr

Amendment 144
Linda McAvan

Proposal for a regulation

Annex I – point 2 – paragraph 1

Text proposed by the Commission

Through the following activities, this pillar will, in line with Article 4, strengthen the impact of research and innovation in developing, supporting and implementing Union policies, and support the uptake of innovative solutions in industry and society to address global challenges. It will also contribute to the other Programme's specific objectives as described in Article 3.

Amendment

Through the following activities, this pillar will, in line with Article 4, strengthen the impact of research and innovation in developing, supporting and implementing Union policies, ***contribute to the fulfilment of the UN 2030 Agenda for Sustainable Development*** and support the uptake of innovative solutions in industry and society to address global challenges. It will also contribute to the other Programme's specific objectives as described in Article 3.

Or. en

Amendment 145 Thierry Cornillet

Proposal for a regulation Annex I – point 2 – paragraph 1

Text proposed by the Commission

Through the following activities, this pillar will, in line with Article 4, strengthen the impact of research and innovation in developing, supporting and implementing Union policies, and support the uptake of innovative solutions in industry and society to address global challenges. It will also contribute to the other Programme's specific objectives as described in Article 3.

Amendment

Through the following activities, this pillar will, in line with Article 4, strengthen the impact of research and innovation in developing, supporting and implementing Union policies, ***including the UN Sustainable Development Goals***, and support the uptake of innovative solutions in industry and society to address global challenges. It will also contribute to the other Programme's specific objectives as described in Article 3.

Or. fr

Amendment 146 Lola Sánchez Caldentey

Proposal for a regulation Annex I – point 2 – paragraph 4 – point c – introductory part

Text proposed by the Commission

Amendment

(c) Cluster 'Digital and Industry': Reinforcing capacities and securing Europe's sovereignty in key enabling technologies for digitisation and production, and in space technology, to build a **competitive**, digital, low-carbon and circular industry; ensure a sustainable supply of **raw** materials; and provide the basis for advances and innovation in all global societal challenges.

(c) Cluster 'Digital and Industry': Reinforcing capacities and securing Europe's sovereignty in key enabling technologies for digitisation and production **based on open data and technology transfer**, and in space technology, to build a **societally oriented**, digital, low-carbon and circular industry; ensure a sustainable supply of **renewable** materials; and provide the basis for advances and innovation in all global societal challenges.

Or. en

Amendment 147

Lola Sánchez Caldentey

Proposal for a regulation

Annex I – point 2 – paragraph 4 – point c – paragraph 1

Text proposed by the Commission

Amendment

Areas of intervention: Manufacturing technologies; Digital technologies; Advanced materials; Artificial intelligence and robotics; Next generation internet; High performance computing and Big Data; Circular industries; Low carbon and clean industry; Space

Areas of intervention: **Sustainable** manufacturing technologies; Digital technologies; Advanced materials; Artificial intelligence and robotics; Next generation **open** internet; High performance computing and Big Data; Circular industries; Low carbon and clean industry; Space

Or. en

Amendment 148

Lola Sánchez Caldentey

Proposal for a regulation

Annex I – point 2 – paragraph 4 – point d – introductory part

Text proposed by the Commission

Amendment

(d) Cluster 'Climate, Energy and Mobility': Fighting climate change by better understanding its causes, evolution,

(d) Cluster 'Climate, Energy and Mobility': Fighting climate change by better understanding its causes, evolution,

risks, impacts and opportunities, and by making the energy and transport sectors more climate and environment-friendly, more efficient and **competitive**, smarter, safer and more resilient.

risks, impacts and opportunities, and by making the energy and transport sectors more climate and environment-friendly, more efficient and **affordable**, smarter, safer and more resilient.

Or. en

Amendment 149
Lola Sánchez Caldentey

Proposal for a regulation
Annex I – point 2 – paragraph 4 – point d – paragraph 1

Text proposed by the Commission

Areas of intervention: Climate science and solutions; Energy supply; Energy systems and grids; Buildings and industrial facilities in energy transition; Communities and cities; **Industrial competitiveness** in transport; Clean transport and mobility; Smart mobility; Energy storage.

Amendment

Areas of intervention: Climate science and solutions; Energy supply; Energy systems and grids; Buildings and industrial facilities in energy transition; Communities and cities; **Public affordability** in transport; Clean transport and mobility; Smart **and sustainable** mobility; Energy storage.

Or. en

Amendment 150
Lola Sánchez Caldentey

Proposal for a regulation
Annex I – point 2 – paragraph 4 – point e – introductory part

Text proposed by the Commission

(e) Cluster 'Food and natural resources': Protecting, restoring, sustainably managing and using natural and biological resources from land and sea to address food and nutrition **security** and the transition to a low carbon, resource efficient circular economy.

Amendment

(e) Cluster 'Food and natural resources': Protecting, restoring, sustainably managing and using natural and biological resources from land and sea to address food and nutrition **access** and the transition to a low carbon, resource efficient circular economy.

Or. en

Amendment 151

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Linda McAvan

Proposal for a regulation

Annex I – point 2 – paragraph 4 – point e – paragraph 1

Text proposed by the Commission

Areas of intervention: Environmental observation; Biodiversity and natural capital; Agriculture, forestry and rural areas; Sea and oceans; Food systems; Bio-based innovation systems; Circular systems

Amendment

Areas of intervention: Environmental observation; Biodiversity and natural capital; Agriculture, forestry and rural areas; Sea and oceans; Food systems; Bio-based innovation systems; Circular systems; ***bioeconomy; precision agriculture; food and nutrition; food for health.***

Or. en

Amendment 152

Lola Sánchez Caldentey

Proposal for a regulation

Annex I – point 2 – paragraph 4 – point f – introductory part

Text proposed by the Commission

(f) Non-nuclear direct actions of the Joint Research Centre: Generating high-quality scientific evidence for good public policies. New initiatives and proposals for EU legislation need transparent, comprehensive and balanced evidence, whereas implementation of policies needs evidence to measure and monitor progress. The JRC will provide Union policies with independent scientific evidence and technical support throughout the policy cycle. The JRC will focus its research on EU policy priorities.

Amendment

(f) Non-nuclear direct actions of the Joint Research Centre: Generating high-quality scientific evidence for good public policies ***where open access to research findings and all data should be accomplished.*** New initiatives and proposals for EU legislation need transparent, comprehensive and balanced evidence, whereas implementation of policies needs evidence to measure and monitor progress. The JRC will provide Union policies with independent scientific evidence and technical support throughout the policy cycle. The JRC will focus its research on EU policy priorities.

Or. en

Amendment 153

Lola Sánchez Caldentey

Proposal for a regulation

Annex I – point 3 – paragraph 1 – point a – introductory part

Text proposed by the Commission

(a) European Innovation Council: promoting breakthrough innovation with scale-up potential at global level

Amendment

(a) European Innovation Council: promoting ***societally relevant*** breakthrough innovation with scale-up potential at global level

Or. en

Amendment 154

Lola Sánchez Caldentey

Proposal for a regulation

Annex I – point 3 – paragraph 1 – point a – paragraph 1

Text proposed by the Commission

Areas of intervention: Pathfinder, supporting future and emerging breakthrough technologies; Accelerator, bridging the financing gap between late stages of innovation activities and ***market take-up***, to effectively deploy breakthrough market-creating innovation and scale up ***companies*** where the market does not provide viable financing, and; additional activities such as prizes and fellowships, and ***business*** added-value services.

Amendment

Areas of intervention: Pathfinder, supporting future and emerging breakthrough technologies; Accelerator, bridging the financing gap between late stages of innovation activities and ***societal needs articulated by civil society***, to effectively deploy breakthrough market-creating innovation and scale up ***cooperatives*** where the market does not provide viable financing, and; additional activities such as prizes and fellowships, and ***societally*** added-value services.

Or. en

Amendment 155

Lola Sánchez Caldentey

Proposal for a regulation

Annex I – point 3 – paragraph 1 – point b – paragraph 1

Text proposed by the Commission

Areas of intervention: Connecting with regional and national innovation actors and supporting the implementation of joint cross-border innovation programmes by

Amendment

Areas of intervention: Connecting with regional and national ***CSOs and*** innovation actors and supporting the implementation of joint cross-border innovation

Member States and associated countries, from the enhancement of soft skills for innovation to research and innovation actions, to boost the effectiveness of the European innovation system. This will complement the ERDF support for innovation eco-systems and interregional partnerships around smart specialisation topics.

programmes by Member States and associated countries, from the enhancement of soft skills for innovation to research and innovation actions, to boost the effectiveness of the European innovation system. This will complement the ERDF support for innovation eco-systems and interregional partnerships around smart specialisation topics.

Or. en

Amendment 156

Lola Sánchez Caldentey

Proposal for a regulation

Annex I – point 3 – paragraph 1 – point c – paragraph 1

Text proposed by the Commission

Areas of intervention: Strengthen sustainable innovation ecosystems across Europe; Fostering the development of **entrepreneurial** and innovation skills in a lifelong learning perspective and support the **entrepreneurial transformation** of EU universities; Bring new solutions to global societal challenges to the **market**; Synergies and value added within Horizon Europe.

Amendment

Areas of intervention: Strengthen sustainable innovation ecosystems across **and outside of** Europe; Fostering the development of **solidarity** and innovation skills in a lifelong learning perspective and support the **public dimensions** of EU universities; Bring new solutions to global societal challenges to the **society**; Synergies and value added within Horizon Europe.

Or. en

Amendment 157

Lola Sánchez Caldentey

Proposal for a regulation

Annex II – paragraph 2 – indent 2

Text proposed by the Commission

– Innovation action: action primarily consisting of activities directly aimed at producing plans and arrangements or designs for new, altered or improved products, processes or services, possibly including prototyping, testing,

Amendment

– Innovation action: action primarily consisting of activities directly aimed at producing plans and arrangements or designs for new, altered or improved products, processes or services, possibly including prototyping, testing,

demonstrating, piloting, large-scale product validation and market replication;

demonstrating, piloting, large-scale product validation and market replication *under the precautionary principle*;

Or. en

Amendment 158

Lola Sánchez Caldentey

Proposal for a regulation

Annex II – paragraph 2 – indent 5

Text proposed by the Commission

– Training and mobility action: action geared towards improvement of skills, knowledge and career prospects of researchers based on mobility between countries, and, if relevant, between sectors or disciplines;

Amendment

– Training and mobility action: action geared towards improvement of skills, knowledge and career prospects of researchers based on mobility between countries, and, if relevant, between sectors or disciplines, *while fostering collaboration with low and middle income countries*;

Or. en

Amendment 159

Lola Sánchez Caldentey

Proposal for a regulation

Annex III – paragraph 1 – point 1 – point a – introductory part

Text proposed by the Commission

(a) Evidence that the European Partnership is more effective in achieving the related objectives of the Programme, in particular in delivering clear impacts for the EU and its citizens, notably in view of delivering on global challenges and research and innovation objectives, securing EU *competitiveness* and contributing to the strengthening of the European Research and Innovation Area and international commitments;

Amendment

(a) Evidence that the European Partnership is more effective in achieving the related objectives of the Programme, in particular in delivering clear impacts for the EU and its citizens, notably in view of delivering on global challenges *such as the Sustainable Development Goals*, and research and innovation objectives, securing EU *social security* and contributing to the strengthening of the European Research and Innovation Area and international commitments;

Or. en

Amendment 160
Lola Sánchez Caldentey

Proposal for a regulation
Annex III – paragraph 1 – point 1 – point d – indent 1

Text proposed by the Commission

– identification of measurable expected outcomes, deliverables and impacts within specific timeframes, including key economic value for Europe;

Amendment

– identification of measurable expected outcomes, deliverables and impacts within specific timeframes, including key economic **and societal** value for Europe;

Or. en

Amendment 161
Lola Sánchez Caldentey

Proposal for a regulation
Annex III – paragraph 1 – point 1 – point d – indent 3

Text proposed by the Commission

– approaches to ensure flexibility of implementation and to adjust to changing policy or **market** needs, or scientific advances;

Amendment

– approaches to ensure flexibility of implementation and to adjust to changing policy or **societal** needs, or scientific advances;

Or. en

Amendment 162
Lola Sánchez Caldentey

Proposal for a regulation
Annex IV – point 4 – point a

Text proposed by the Commission

(a) the ESF+ can mainstream and scale up innovative curricula supported by the Programme, through national or regional programmes, in order to equip people with the skills and competences needed for the **jobs of** the future;

Amendment

(a) the ESF+ can mainstream and scale up innovative curricula supported by the Programme, through national or regional programmes, in order to equip people with the **knowledge**, skills and competences needed for the the future;

Amendment 163

Lola Sánchez Caldentey

Proposal for a regulation

Annex IV – point 4 – point b

Text proposed by the Commission

(b) arrangements for complementary funding from ESF+ can be used to support activities promoting *human capital* development in research and innovation with the aim of strengthening the European Research Area;

Amendment

(b) arrangements for complementary funding from ESF+ can be used to support activities promoting *Sustainable Development Goals, gender equality and minorities* in research and innovation with the aim of strengthening the European Research Area;

Or. en

Amendment 164

Lola Sánchez Caldentey

Proposal for a regulation

Annex IV – point 6 – point b

Text proposed by the Commission

(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 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 Industrial Competitiveness'; and the support to digital research infrastructures;

Amendment

(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 *Open Internet*, High Performance Computing, Artificial Intelligence, Cybersecurity, combining digital with other enabling technologies and non-technological innovations; support for the scale-up of companies introducing *societally relevant* 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;

Or. en

Amendment 165
Lola Sánchez Caldentey

Proposal for a regulation
Annex IV – point 6 – point c

Text proposed by the Commission

(c) 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 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;

Amendment

(c) DEP focuses on large-scale digital capacity and infrastructure building in ***Open Internet***, 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 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;

Or. en

Amendment 166
Lola Sánchez Caldentey

Proposal for a regulation
Annex IV – point 7 – point a

Text proposed by the Commission

(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

Amendment

(a) the Single Market Programme addresses the market failures which affect all SMEs, and will promote ***societal inclusion*** and the creation and growth of ***cooperatives***. Full complementarity exists between the Single Market Programme and the actions of the future European

future European Innovation Council for innovative companies, as well as in the area of support services for SMEs, in particular where the market does not provide viable financing;

Innovation Council for innovative companies, as well as in the area of support services for SMEs, in particular where the market does not provide viable financing;

Or. en

Amendment 167

Linda McAvan

Proposal for a regulation

Annex IV – point 11

Text proposed by the Commission

11. Synergies with the Neighbourhood, Development and International Cooperation Instrument (the 'External Instrument') will ensure that the Programme's research and innovation activities with the participation of Third Countries and targeted international cooperation actions seek alignment and coherence with parallel market uptake and capacity-building actions strands under the External Instrument, based on joint definition of needs and areas of intervention commonly defined during the Programme's strategic research and innovation planning process.

Amendment

11. Synergies with the Neighbourhood, Development and International Cooperation Instrument (the 'External Instrument') will ensure that the Programme's research and innovation activities with the participation of Third Countries and targeted international cooperation actions seek alignment and coherence with parallel market uptake and capacity-building actions strands under the External Instrument, based on joint definition of needs and areas of intervention commonly defined during the Programme's strategic research and innovation planning process ***and are fully aligned with the global goals of the 2030 Agenda on Sustainable Development. Such synergies will facilitate fulfilment of Article 66.2 of the WTO TRIPS^{1a} Agreement, which notes the commitment by developed countries to provide incentives to their enterprises or institutions for the purpose of promoting and encouraging technology transfer to least-developed country members.***

^{1a} ***TRIPS Agreement: The Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS) Article 66.2 Article 66.2 of the TRIPS Agreement requires developed-country Members to provide incentives to enterprises and***

institutions in their territories for the purpose of promoting and encouraging technology transfer to least-developed country Members in order to enable them to create a sound and viable technological base.

Or. en