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Committee on Culture and Education

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2011/0401(COD)

8.6.2012

# AMENDMENTS

## 24 - 133

**Draft opinion**  
**Emma McClarkin**  
(PE487.737v01-00)

Establishing Horizon 2020 - The Framework Programme for Research and Innovation (2014-2020)

Proposal for a regulation  
(COM(2011)0809 – C7-0466/2011 – 2011/0401(COD))

AM\_Com\_LegOpinion

**Amendment 24**  
**Georgios Papanikolaou**

**Proposal for a regulation**  
**Recital 1**

*Text proposed by the Commission*

(1) The Union has the objective of strengthening its scientific and technological bases by achieving a European Research Area ("ERA") in which researchers, scientific knowledge and technology circulate freely, and encouraging the Union to become more competitive, including in its industry. To pursue those objectives the Union should carry out activities to implement research, technological development and demonstration, promote international cooperation, disseminate and optimise results and stimulate training and mobility.

*Amendment*

(1) The Union has the objective of strengthening its scientific and technological bases by achieving a European Research Area ("ERA") in which researchers, scientific knowledge and technology circulate freely, and encouraging the Union to become more competitive, including in its industry. To pursue those objectives the Union should carry out activities to implement research, technological development and demonstration, promote international cooperation, disseminate and optimise results ***strive after innovation*** and stimulate training and mobility.

Or. el

**Amendment 25**  
**Piotr Borys**

**Proposal for a regulation**  
**Recital 1 a (new)**

*Text proposed by the Commission*

*Amendment*

***(1a) It is important to emphasise that the mobility of PhD students has a key role to play in Horizon 2020, which, as a complement to the Erasmus for All programme, should support the Bologna Process within the EU and as part of the Neighbourhood Policy.***

Or. pl

**Amendment 26**  
**Georgios Papanikolaou**

**Proposal for a regulation**  
**Recital 2**

*Text proposed by the Commission*

(2) The Union also has an objective to ensure that the conditions necessary for the competitiveness of the Union's industry exist. For this purpose, action should be aimed at fostering the better exploitation of the industrial potential of policies of innovation, research and technological development.

*Amendment*

(2) The Union also has an objective to ensure that the conditions necessary for the competitiveness of the Union's industry exist. For this purpose, action should be aimed at fostering the better exploitation of the industrial potential of policies of innovation, research and technological development ***and the more effective deployment of manpower in the field of research and innovation.***

Or. el

**Amendment 27**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Recital 3**

*Text proposed by the Commission*

(3) The Union is committed to achieving the Europe 2020 strategy, which has set the objectives of smart, sustainable and inclusive growth, highlighting the role of research and innovation as key drivers of social and economic prosperity and of environmental sustainability and setting itself the goal to increase spending on Research and Development to reach 3 % of gross domestic product (GDP) by 2020 while developing an innovation intensity

*Amendment*

(3) The Union is committed to achieving the Europe 2020 strategy, which has set the objectives of smart, sustainable and inclusive growth, highlighting the role of research and innovation as key drivers of social and economic prosperity and of environmental sustainability and setting itself the goal to increase spending on Research and Development to reach 3 % of gross domestic product (GDP) by 2020 while developing an innovation intensity

indicator. In this context, the Innovation Union flagship initiative sets out a strategic and integrated approach to research and innovation, setting the framework and objectives to which future Union research and innovation funding should contribute. Research and innovation are also key factors for other Europe 2020 flagship initiatives, notably on resource efficient Europe, an industrial policy for the globalisation era, and a digital agenda for Europe. Moreover, for achieving the Europe 2020 objectives relating to research and innovation, Cohesion policy has a key role to play through building capacity and *providing* a stairway to excellence.

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Or. fr

**Amendment 28**  
**Nessa Childers**

**Proposal for a regulation**  
**Recital 5**

*Text proposed by the Commission*

(5) The European Parliament has called for a radical simplification of Union research and innovation funding in its Resolution of 11 November 2010, has highlighted the importance of the Innovation Union to transform Europe for post-crisis world, in its resolution of 12 May 2011, has drawn attention to important lessons to be learned following the interim evaluation of the Seventh Framework Programme in its resolution of 8 June 2011 and has supported the concept of a common strategic framework for research and innovation funding in its resolution of 27 September 2011.

*Amendment*

(5) The European Parliament has called for a radical simplification of Union research and innovation funding in its Resolution of 11 November 2010, has highlighted the importance of the Innovation Union to transform Europe for post-crisis world, in its resolution of 12 May 2011, has drawn attention to important lessons to be learned following the interim evaluation of the Seventh Framework Programme in its resolution of 8 June 2011 and has supported the concept of a common strategic framework for research and innovation funding, *while calling for a doubling of the budget compared to the Seventh Framework Programme* in its resolution of 27 September 2011.

**Amendment 29**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Recital 11**

*Text proposed by the Commission*

(11) Horizon 2020 - the Framework Programme for Research and Innovation in the European Union (hereinafter ‘Horizon 2020’), focuses on three priorities, namely generating excellent science in order to strengthen the Union's world-class excellence in science, fostering industrial leadership to support business, including small and medium-sized enterprises (SME) and innovation and tackling societal challenges, in order to respond directly to the challenges identified in the Europe 2020 strategy by supporting activities covering the entire spectrum from research to market. Horizon 2020 should support all stages in the innovation chain, especially activities closer to the market including innovative financial instruments, as well as non-technological and social innovation, and aims to satisfy the research needs of a broad spectrum of Union policies by placing emphasis on the widest possible use and dissemination of knowledge generated by the supported activities up to its commercial exploitation. The priorities of Horizon 2020 should also be supported through a programme under the Euratom Treaty on nuclear research and training.

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**Amendment 30**  
**Nessa Childers**

**Proposal for a regulation**  
**Recital 11**

*Text proposed by the Commission*

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Or. en

**Amendment 31**  
**Lorenzo Fontana**

**Proposal for a regulation**  
**Recital 12**

*Text proposed by the Commission*

(12) The Joint Research Centre (JRC) should provide customer-driven scientific and technical support to Union policies while flexibly responding to new policy demands.

*Amendment*

(12) The Joint Research Centre (JRC) should provide customer-driven scientific and technical support to Union policies while flexibly responding to new policy, ***employment-related and cultural*** demands.

Or. it

**Amendment 32**

**Piotr Borys**

**Proposal for a regulation**

**Recital 12 a (new)**

*Text proposed by the Commission*

*Amendment*

***(12a) It is important to emphasise that all Horizon 2020 activities should be open to new participants with a view to ensuring there is extensive cooperation with partners throughout the EU and establishing an integrated European Research Area.***

Or. pl

**Amendment 33**

**Chrysoula Paliadeli**

**Proposal for a regulation**

**Recital 13**

*Text proposed by the Commission*

*Amendment*

(13) In the context of the knowledge triangle of research, education and innovation, the Knowledge and Innovation Communities under the European Institute of Innovation and Technology should strongly contribute to addressing the

(13) In the context of the knowledge triangle of research, education and innovation, the Knowledge and Innovation Communities under the European Institute of Innovation and Technology should strongly contribute to addressing the

objectives of Horizon 2020, including the societal challenges, notably by **integrating** research, education and innovation. In order to ensure complementarities across Horizon 2020 and the adequate absorption of funds, the financial contribution to the European Institute of Innovation and Technology should be made in two allocations, with the second subject to a review.

objectives of Horizon 2020, including the societal challenges, notably by **encouraging the cooperation between** research, education and innovation. In order to ensure complementarities across Horizon 2020 and the adequate absorption of funds, the financial contribution to the European Institute of Innovation and Technology should be made in two allocations, with the second subject to a review.

Or. en

**Amendment 34**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Recital 14 a (new)**

*Text proposed by the Commission*

*Amendment*

***(14a) Horizon 2020 should foster the development of new models for funding and disseminating academic and scientific publications, which are based on the production of papers by researchers and academics and unpaid peer validation of theories and results, in order to provide the broadest possible access to such publications.***

Or. fr

**Amendment 35**  
**Georgios Papanikolaou**

**Proposal for a regulation**  
**Recital 15**

*Text proposed by the Commission*

*Amendment*

(15) Simplification is a central aim of Horizon 2020 which should be fully

(15) Simplification **and clarity** is a central aim of Horizon 2020 which should be fully

reflected in its design, rules, financial management and implementation. Horizon 2020 should aim to attract the strong participation of universities, research centres, industry and specifically SMEs and be open to new participants, as it brings together the full range of research and innovation support in one common strategic framework, including a streamlined set of forms of support and uses rules for participation with principles applicable to all actions under the programme. Simpler funding rules should reduce the administrative costs for participation and will contribute to a reduction of financial errors.

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Or. el

**Amendment 36**  
**Nessa Childers**

**Proposal for a regulation**  
**Recital 15 a (new)**

*Text proposed by the Commission*

*Amendment*

***(15a) Horizon 2020 should contribute to the recognition of the Cultural Heritage of Europe and focus should be given to its role in developing inclusive societies, through both the JRC and through the societal challenges priority.***

Or. en

**Amendment 37**  
**Nessa Childers**

**Proposal for a regulation**  
**Recital 17 a (new)**

*Text proposed by the Commission*

*Amendment*

***(17a) In order for the European Parliament to be able to exercise its function of political control and to ensure transparency and accountability, as stipulated in the TFEU, the Commission should duly and regularly inform the European Parliament of all relevant aspects of the implementation of the programme, including the preparation and drawing-up of the work programmes, the execution and possible need for adjustment of the budgetary breakdown, and the development of the performance indicators in terms of objectives pursued and expected results.***

Or. en

### **Amendment 38**

**Nessa Childers**

### **Proposal for a regulation**

#### **Recital 19**

*Text proposed by the Commission*

*Amendment*

(19) The implementation of Horizon 2020 may give rise to supplementary programmes involving the participation of certain Member States only, the participation of the Union in programmes undertaken by several Member States, or the setting up of joint undertakings or other arrangements within the meaning of Articles 184, 185 and 187 TFEU.

(19) The implementation of Horizon 2020 may give rise - ***under specific conditions*** - to supplementary programmes involving the participation of certain Member States only, the participation of the Union in programmes undertaken by several Member States, or the setting up of joint undertakings or other arrangements within the meaning of Articles 184, 185 and 187 TFEU. ***These supplementary programmes or arrangements should have a clear Union added value, be based on genuine partnerships, complement other activities under Horizon 2020, and be as inclusive as possible in terms of participation by Member States or Union industry.***

**Amendment 39**

**Piotr Borys**

**Proposal for a regulation**

**Recital 19 a (new)**

*Text proposed by the Commission*

*Amendment*

***(19a) There is a need to step up cooperation within Horizon 2020 under specific conditions with neighbouring countries, with specific regard to the countries of the Eastern Partnership.***

Or. pl

**Amendment 40**

**Lorenzo Fontana**

**Proposal for a regulation**

**Recital 20**

*Text proposed by the Commission*

*Amendment*

(20) With the aim of deepening the relationship between science ***and*** society and reinforcing public confidence in science, Horizon 2020 should favour an informed engagement of citizens and civil society on research and innovation matters by promoting science education, by making scientific knowledge more accessible, by developing responsible research and innovation agendas that meet citizens' and civil society's concerns and expectations and by facilitating their participation in Horizon 2020 activities.

(20) With the aim of deepening the relationship between science, society ***and cultural research*** and reinforcing public confidence in science, Horizon 2020 should favour an informed engagement of citizens and civil society on research and innovation matters by promoting science education, ***education in general and communication***, by making scientific knowledge more accessible, by developing responsible research and innovation agendas that meet citizens' and civil society's concerns and expectations and by facilitating their participation in Horizon 2020 activities.

Or. it

**Amendment 41**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Recital 20**

*Text proposed by the Commission*

(20) With the aim of deepening the relationship between science and society and reinforcing public confidence in science, Horizon 2020 should favour an informed engagement of citizens and civil society on research and innovation matters by promoting science education, by making scientific knowledge more accessible, by developing responsible research and innovation agendas that meet citizens' and civil society's concerns and expectations and by facilitating their participation in Horizon 2020 activities.

*Amendment*

(20) With the aim of deepening the relationship between science and society and reinforcing public confidence in science, Horizon 2020 should favour an informed engagement of citizens and civil society on research and innovation matters by promoting participatory research, science education, by making scientific knowledge **and research data** more accessible, by developing responsible research and innovation agendas that meet citizens' and civil society's concerns and expectations and by facilitating their participation in Horizon 2020 activities.

Or. fr

**Amendment 42**  
**Marie-Christine Vergiat**

**Proposal for a regulation**  
**Recital 20 a (new)**

*Text proposed by the Commission*

*Amendment*

***(20a) Support should be provided under Horizon 2020 for high-level research into cultural diversity and the protection of traditional knowledge, including as part of cooperation with third countries, with full use being made of new digital technologies for the conservation and dissemination of such knowledge. It is particularly important to look into possible synergies between modern science and local knowledge.***

**Amendment 43**  
**Georgios Papanikolaou**

**Proposal for a regulation**  
**Recital 20 a (new)**

*Text proposed by the Commission*

*Amendment*

***(20a) The Horizon 2020 framework programme should assist the Member States and the Union in their efforts to overcome the current economic crisis, ensure sustainable economic growth rates and become more competitive.***

**Amendment 44**  
**Marie-Christine Vergiat**

**Proposal for a regulation**  
**Recital 20 b (new)**

*Text proposed by the Commission*

*Amendment*

***(20b) The Horizon 2020 programme should be used to promote, in addition to research diversity, linguistic diversity in academic and scientific publishing, including as part of cooperation with third countries, as well as to ensure that the principles of independent research and peer validation of publications are adhered to.***

**Amendment 45**  
**Marie-Christine Vergiat**

**Proposal for a regulation**  
**Recital 20 c (new)**

*Text proposed by the Commission*

*Amendment*

***(20c) It is essential for due recognition to be given to the role which social sciences and humanities, including the arts, play in socio-economic and cultural development and for research in this area to be made one of the key focuses of the Horizon 2020 programme, in keeping with the goal of creating ‘inclusive, innovative and secure societies’.***

Or. fr

**Amendment 46**  
**Marco Scurria, Marie-Thérèse Sanchez-Schmid**

**Proposal for a regulation**  
**Recital 21**

*Text proposed by the Commission*

*Amendment*

(21) The implementation of Horizon 2020 should respond to the evolving opportunities and needs from science and technology, industry, policies and society. As such, the agendas should be set in close liaison with stakeholders from all sectors concerned, and sufficient flexibility should be allowed for new developments. External advice should be sought on a continuous basis during Horizon 2020, also making use of relevant structures such as European Technology Platforms, Joint Programming Initiatives and the European Innovation Partnerships.

(21) The implementation of Horizon 2020 should respond to the evolving opportunities and needs from science and technology, industry, policies and society ***and in the cultural sector***. As such, the agendas should be set in close liaison with stakeholders from all sectors concerned, and sufficient flexibility should be allowed for new developments. External advice should be sought on a continuous basis during Horizon 2020, also making use of relevant structures such as European Technology Platforms, Joint Programming Initiatives and the European Innovation Partnerships.

Or. it

**Amendment 47**  
**Nessa Childers**

**Proposal for a regulation**  
**Recital 21 a (new)**

*Text proposed by the Commission*

*Amendment*

***(21a) In order to be able to compete globally, to effectively address the grand societal challenges, and to attain the goals of the Union 2020 Strategy, the Union should make full use of its human resources. Horizon 2020 should be a catalyser and a powerful stimulus for completing the European Research Area by supporting across the line activities that attract, retain, train and develop research and innovation talent. To reach this aim and to enhance the knowledge transfer and the quantity and quality of researchers human capital building activities, including those focused specifically at young people and women, should be a standard element in all research and innovation activities funded by the Union.***

Or. en

**Amendment 48**  
**Iosif Matula**

**Proposal for a regulation**  
**Recital 22**

*Text proposed by the Commission*

*Amendment*

(22) Horizon 2020 should contribute to the attractiveness of the research profession in the Union. Adequate attention should be paid to the European Charter for Researchers and Code of Conduct for the Recruitment of Researchers, together with other relevant reference frameworks defined in the context of the European

(22) Horizon 2020 should contribute to the attractiveness of the research profession in the Union ***and efforts to organise it on competitive lines***. Adequate attention should be paid to the European Charter for Researchers and Code of Conduct for the Recruitment of Researchers, together with other relevant reference frameworks

Research Area, while respecting their voluntary nature.

defined in the context of the European Research Area, while respecting their voluntary nature.

Or. ro

**Amendment 49**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Recital 22 a (new)**

*Text proposed by the Commission*

*Amendment*

***(22a) Horizon 2020 should support research in the field of Humanities, - especially those which produce knowledge-, via basic and applied research, and contribute with new material evidence, or new methods of approach, to the development of new fields of interdisciplinary research, the creation of new jobs, the preservation of cultural heritage and the sustainability of Europe as the cradle of humanistic tradition and leader in world tourism.***

Or. en

**Amendment 50**  
**Nessa Childers**

**Proposal for a regulation**  
**Recital 23 a (new)**

*Text proposed by the Commission*

*Amendment*

***(23a) All research and innovation builds on the capacity of researchers, research institutions, businesses and citizens to openly access, share and use scientific information. To increase the circulation and exploitation of knowledge, free open***

*online access to academic publications, already embraced in the Seventh Framework Programme, should be the general principle for all publications which receive public funding from Horizon 2020. Furthermore, Horizon 2020 should experiment with online open access to data produced or collected by publicly funded research aiming at open access to such data becoming the general rule by 2020.*

Or. en

**Amendment 51**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Recital 24**

*Text proposed by the Commission*

(24) Research and innovation activities supported by Horizon 2020 should respect fundamental ethical principles. The opinions of the European Group on Ethics in Science and New Technologies should be taken into account. Research activities should also take into account Article 13 TFEU and reduce the use of animals in research and testing, with a view ultimately to replacing animal use. All activities should be carried out ensuring a high level of human health protection in accordance with Article 168 TFEU.

*Amendment*

(24) Research and innovation activities supported by Horizon 2020 should respect fundamental ethical principles. The opinions of the European Group on Ethics in Science and New Technologies should be taken into account. Research activities should also take into account Article 13 TFEU and reduce the use of animals in research and testing, with a view ultimately to replacing animal use. All activities should be carried out ensuring a high level of human health protection in accordance with Article 168 TFEU. ***In accordance with ethical principles, including those laid down in the Declaration of Helsinki, the results of all research involving human subjects – in particular clinical trials – must be made publicly available.***

Or. fr

**Amendment 52**  
**Piotr Borys**

**Proposal for a regulation**  
**Recital 26 a (new)**

*Text proposed by the Commission*

*Amendment*

***(26a) Horizon 2020's priority should be synergies with other EU programmes, such as Erasmus for All and other sources of education funding, with a view to improving the level of complementarity with the EU's future education programme.***

Or. pl

**Amendment 53**  
**Nessa Childers**

**Proposal for a regulation**  
**Recital 27 a (new)**

*Text proposed by the Commission*

*Amendment*

***(27a) In order to maximize the impact of Horizon 2020, special consideration should be given to multidisciplinary and interdisciplinary approaches as necessary elements for major scientific progress. Breakthroughs in science take often place at the boundaries or intersections of disciplines. Furthermore, the complexity of the problems and challenges that Europe is facing requires solutions that can only be tackled from several disciplines working together.***

Or. en

**Amendment 54**  
**Nessa Childers**

**Proposal for a regulation**  
**Recital 27 b (new)**

*Text proposed by the Commission*

*Amendment*

***(27b) Universities play a fundamental role within the scientific and technological base of the Union as basic institutions of excellence, both in training and research.***

Or. en

**Amendment 55**  
**Lorenzo Fontana**

**Proposal for a regulation**  
**Recital 28**

*Text proposed by the Commission*

*Amendment*

(28) With the aim to achieve the greatest possible impact of Union funding, Horizon 2020 ***is*** to develop closer ***synergies***, which may ***also*** take the form of public-public partnerships, with national ***and regional*** programmes that support research and innovation.

(28) With the aim to achieve the greatest possible impact of Union funding, ***it is essential for*** Horizon 2020 to develop closer ***collaboration***, which may take the form of public-public partnerships, ***but should however aim to prioritise the public interest***, with ***regional***, national and ***supra-national*** programmes that support research and innovation.

Or. it

**Amendment 56**  
**Nessa Childers**

**Proposal for a regulation**  
**Recital 31**

*Text proposed by the Commission*

*Amendment*

(31) In order to maintain a level playing field for all undertakings active in the internal market, funding provided by Horizon 2020 should be designed in

(31) In order to maintain a level playing field for all undertakings active in the internal market, funding provided by Horizon 2020 should be designed in

accordance with *state* aid rules ***so as to ensure the effectiveness of public spending and prevent market distortions such as crowding-out of private funding, creating ineffective market structures or preserving inefficient firms.***

accordance with *State* aid rules.

Or. en

**Amendment 57**  
**Lorenzo Fontana**

**Proposal for a regulation**  
**Recital 35**

*Text proposed by the Commission*

(35) Effective performance management, including evaluation and monitoring, requires development of specific performance indicators which can be measured over time; are both realistic and reflect the logic of the intervention; and relevant to the appropriate hierarchy of objectives and activities. Appropriate coordination mechanisms should be put in place between the implementation and monitoring of Horizon 2020, and the monitoring of progress, achievements and functioning of the ERA.

*Amendment*

(35) Effective performance management, including evaluation and monitoring, requires *the* development of specific performance indicators which can be measured over time (***and, separately, both internally and externally***); are both realistic and reflect the logic of the intervention; and *are* relevant to the appropriate hierarchy of objectives and activities. Appropriate coordination mechanisms should be put in place between the implementation and monitoring of Horizon 2020, ***with audit support*** and the monitoring of progress, achievements and functioning of the ERA ***and of the research.***

Or. it

**Amendment 58**  
**Nessa Childers**

**Proposal for a regulation**  
**Recital 35 a (new)**

*Text proposed by the Commission*

*Amendment*

***(35a) Activities undertaken under Horizon 2020 should ensure full compatibility with the Erasmus for all programme and should encourage interconnectivity and integration with other European policies programmes.***

Or. en

**Amendment 59**  
**Nessa Childers**

**Proposal for a regulation**  
**Article 1**

*Text proposed by the Commission*

*Amendment*

This Regulation establishes Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020) ('Horizon 2020') and determines the framework governing Union support to research and innovation activities and fostering better exploitation of the industrial potential of policies of innovation, research and technological development.

This Regulation establishes Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020) ('Horizon 2020') and determines the framework governing Union support to research and innovation activities ***with the objective of strengthening the European scientific and technological base, ensuring the development of its intellectual capital and fostering benefits for society, including*** better exploitation of the industrial potential of policies of innovation, research and technological development.

Or. en

**Amendment 60**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Article 1**

*Text proposed by the Commission*

This Regulation establishes Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020) ('Horizon 2020') and determines the framework governing Union support to research and innovation activities and fostering better exploitation of the industrial potential of policies of innovation, research and technological development.

*Amendment*

This Regulation establishes Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020) ('Horizon 2020') and determines the framework governing Union support to research and innovation activities and fostering better exploitation of the **social and** industrial potential of policies of innovation, research and technological development.

Or. en

**Amendment 61**  
**Nessa Childers**

**Proposal for a regulation**  
**Article 4**

*Text proposed by the Commission*

Horizon 2020 shall play a central role in the delivery of the Europe 2020 strategy for smart, sustainable and inclusive growth by providing a common strategic framework for the Union's research and innovation funding, thus acting as a vehicle for leveraging private investment, creating new job opportunities and ensuring Europe's long-term sustainable growth and competitiveness.

*Amendment*

Horizon 2020 shall play a central role in the delivery of the Europe 2020 strategy for smart, sustainable and inclusive growth by providing a common strategic framework for the Union's research and innovation funding, thus acting as a vehicle for leveraging **public and** private investment, creating new job opportunities, **promoting economic, social and territorial cohesion and** ensuring Europe's long-term sustainable growth and competitiveness.

Or. en

**Amendment 62**  
**Nessa Childers**

**Proposal for a regulation**  
**Article 5 – paragraph 1**

*Text proposed by the Commission*

1. Horizon 2020 shall contribute to building ***an economy*** based on knowledge and innovation across the whole Union by leveraging sufficient additional research, development and innovation funding. Thereby, it shall support the implementation of the Europe 2020 strategy and other Union policies, as well as the achievement and functioning of the European Research Area (ERA). The relevant performance indicators are set out in the introduction of Annex I.

*Amendment*

1. Horizon 2020 shall contribute to building ***a society*** based on knowledge and innovation across the whole Union by leveraging sufficient additional research, development and innovation funding. Thereby, it shall support the implementation of the Europe 2020 strategy and other Union policies, as well as the achievement and functioning of the European Research Area (ERA) ***through specific and exemplary actions fostering structural changes in European research and innovation systems***. The relevant performance indicators are set out in the introduction of Annex I.

Or. en

**Amendment 63**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Article 5 – paragraph 2 – subparagraph 1 – point a**

*Text proposed by the Commission*

(a) excellent science;

*Amendment*

(a) excellent science ***including basic and applied research in the Humanities***;

Or. en

**Amendment 64**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Article 5 – paragraph 2 – subparagraph 1 – point c**

*Text proposed by the Commission*

(c) societal challenges.

*Amendment*

(c) societal challenges ***including basic and applied research in Social Sciences***.

**Amendment 65**

**Emil Stoyanov**

**Proposal for a regulation**

**Article 5 – paragraph 5 a (new)**

*Text proposed by the Commission*

*Amendment*

***5a. Horizon 2020 shall contribute to the attractiveness of researchers' career across Europe and mitigate the effects of brain-drain. As a result, it shall be implemented in a manner to promote the creation of a single market for researchers, in particular by enabling for appropriate mechanisms to decrease the disparities in researcher's remuneration under this programme.***

Or. en

**Amendment 66**

**Nessa Childers**

**Proposal for a regulation**

**Article 6 – paragraph 2 – subparagraph 3**

*Text proposed by the Commission*

*Amendment*

The ***indicative*** breakdown for the specific objectives within the priorities and the maximum overall amount of the contribution to the non-nuclear direct actions of the Joint Research Centre are set out in Annex II.

The breakdown for the specific objectives within the priorities and the maximum overall amount of the contribution to the non-nuclear direct actions of the Joint Research Centre are set out in Annex II.

Or. en

**Amendment 67**

**Nessa Childers**

**Proposal for a regulation**  
**Article 6 – paragraph 3 – subparagraph 1**

*Text proposed by the Commission*

The European Institute of Innovation and Technology shall be financed through a maximum contribution from Horizon 2020 of EUR **3194** million as set out in Annex II. A first allocation of EUR **1542** million shall be provided to the European Institute of Innovation and Technology for activities under Title XVII of the Treaty on the Functioning of the European Union. A second allocation of **up to** EUR **1652** million shall be provided, subject to the review set out in Article 26 (1). This additional amount shall be provided on a pro-rata basis, as indicated in Annex II, from the amount for the specific objective ‘Leadership in enabling and industrial technologies’ within the priority on industrial leadership set out in paragraph 2(b) and from the amount for the priority on societal challenges set out in 2(c).

*Amendment*

The European Institute of Innovation and Technology shall be financed through a maximum contribution from Horizon 2020 of EUR **2500** million as set out in Annex II. A first allocation of EUR **1500** million shall be provided to the European Institute of Innovation and Technology for activities under Title XVII of the Treaty on the Functioning of the European Union. A second allocation of EUR **1000** million shall be provided, subject to the review set out in Article 26 (1). This additional amount shall be provided on a pro-rata basis, as indicated in Annex II, from the amount for the specific objective ‘Leadership in enabling and industrial technologies’ within the priority on industrial leadership set out in paragraph 2 *point* (b) and from the amount for the priority on societal challenges set out in *paragraph 2 point* (c).

Or. en

*Justification*

*3000 million euro is a huge budget increase for the EIT when it can only, as a maximum, provide one third of the funding for any project. At least 500 million of this money would be better spent on Marie Curie actions, which is underfunded and provides considerably more added value to the Horizon 2020 programme. As such, the budget is amended here from 3194 million to 2500 million, on the understanding that the additional 500+ million will be allocated to Marie Curie actions.*

**Amendment 68**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Article 12 – paragraph 1**

*Text proposed by the Commission*

1. For the implementation of Horizon 2020, account shall be taken of advice and inputs provided by: advisory groups of independent, high level experts set up by the Commission; dialogue structures created under international science and technology agreements; forward looking activities; targeted public consultations; and transparent and interactive processes that ensure responsible research and innovation is supported.

*Amendment*

1. For the implementation of Horizon 2020, account shall be taken of advice and inputs provided by: advisory groups of independent, high level experts set up by the Commission; dialogue structures created under international science and technology agreements; forward looking activities; targeted public consultations; and transparent and interactive processes that ensure responsible research and innovation is supported, ***in particular by facilitating the circulation and exploitation of knowledge and open online access to the data and results produced by research funded under Horizon 2020 and ensuring that the results of research involving human subjects are made publicly available.***

Or. fr

**Amendment 69**  
**Marie-Christine Vergiat**

**Proposal for a regulation**  
**Article 14**

*Text proposed by the Commission*

Horizon 2020 shall be implemented in a manner ensuring that the priorities and actions supported ***are relevant to*** changing needs and take account of the evolving nature of science, technology, innovation, markets and society, where innovation includes ***business***, organisational ***and social*** aspects.

*Amendment*

Horizon 2020 shall be implemented in a manner ensuring that the priorities and actions supported ***are in keeping with the current teaching and research set-up and can also be adjusted in line with*** changing needs and take account of the evolving nature of science, technology, innovation, ***labour*** markets and society, where innovation includes ***socio-economic, cultural and*** organisational aspects.

Or. fr

**Amendment 70**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Article 14**

*Text proposed by the Commission*

Horizon 2020 shall be implemented in a manner ensuring that the priorities and actions supported are relevant to changing needs and take account of the evolving nature of science, technology, innovation, markets and society, where innovation includes business, organisational and social aspects.

*Amendment*

Horizon 2020 shall be implemented in a manner ensuring that the priorities and actions supported are relevant to changing needs and take account of the evolving nature of science, technology, innovation, markets and society, where ***science includes any field of academic research and*** innovation includes business, organisational and social aspects.

Or. en

**Amendment 71**  
**Nessa Childers**

**Proposal for a regulation**  
**Article 15**

*Text proposed by the Commission*

Horizon 2020 shall ensure the effective promotion of gender ***equality*** and ***the gender dimension*** in ***research*** and ***innovation content***.

*Amendment*

Horizon 2020 shall ensure the effective promotion of gender ***balance in all programmes, in evaluation committees, in expert and advisory groups and in any decision making body existing or created for its implementation. To this end, targets will be developed, and appropriate actions designed to reach those targets will be implemented.***

Or. en

**Amendment 72**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Article 16 – paragraph 1 – subparagraph 2**

*Text proposed by the Commission*

Particular attention shall be paid to the principle of proportionality, the right to privacy, the right to the protection of personal data, the right to the physical and mental integrity of a person, the right to non-discrimination and the need to ensure high levels of human health protection.

*Amendment*

Particular attention shall be paid to the principle of proportionality, the right to privacy, the right to the protection of personal data, the right to the physical and mental integrity of a person, the right to non-discrimination and the need to ensure high levels of human health protection ***and to make the results of research involving human subjects publicly available.***

Or. fr

**Amendment 73**  
**Marco Scurria**

**Proposal for a regulation**  
**Article 16 – paragraph 3 – point a**

*Text proposed by the Commission*

(a) research activity aiming at human cloning ***for reproductive purposes;***

*Amendment*

(a) research activity aiming at human cloning,

Or. it

**Amendment 74**  
**Marco Scurria, Marie-Thérèse Sanchez-Schmid**

**Proposal for a regulation**  
**Article 16 – paragraph 3 – point b**

*Text proposed by the Commission*

(b) research activity intended to modify the genetic heritage of human beings ***which could make such changes heritable;***

*Amendment*

(b) research activity intended to modify the genetic heritage of human beings;

Or. it

**Amendment 75**  
**Nessa Childers**

**Proposal for a regulation**  
**Article 19 – paragraph 3 – point b**

*Text proposed by the Commission*

(b) the scale of impact on industrial competitiveness, sustainable growth and socio-economic issues;

*Amendment*

(b) the scale of impact on industrial competitiveness, sustainable growth and socio-economic issues ***through the definition of clear and measurable societal and competitiveness objectives, including job creation and educational/training targets, and accountability on reaching these objectives;***

Or. en

**Amendment 76**  
**Marie-Christine Vergiat**

**Proposal for a regulation**  
**Article 19 – paragraph 3 – point e a (new)**

*Text proposed by the Commission*

*Amendment*

***(ea) compliance with the ethical research principles referred to in Article 16 of this Regulation.***

Or. fr

**Amendment 77**  
**Marco Scurria, Marie-Thérèse Sanchez-Schmid**

**Proposal for a regulation**  
**Article 19 – paragraph 3 – point e a (new)**

*Text proposed by the Commission*

*Amendment*

***(ea) partner-based research and the establishment of networks to ensure better-quality planning;***

Or. it

**Amendment 78**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Article 20 – paragraph 2 – subparagraph 1 – point a**

*Text proposed by the Commission*

*Amendment*

(a) an ERA-NET instrument using grants to support public-public partnerships in their preparation, establishment of networking structures, design, implementation and coordination of joint activities as well as topping up of individual joint calls and of actions of a transnational nature;

(a) an ERA-NET instrument using grants to support public-public partnerships in their preparation, establishment of networking structures, design, implementation and coordination of joint activities as well as topping up of individual joint calls and of actions of a ***local, regional, national or a*** transnational nature;

Or. en

**Amendment 79**  
**Marie-Christine Vergiat**

**Proposal for a regulation**  
**Article 21 – point a**

*Text proposed by the Commission*

*Amendment*

(a) strengthening the Union's excellence and attractiveness in research and innovation ***as well as its economic and industrial competitiveness;***

(a) strengthening the Union's ***capabilities, diversity,*** excellence and attractiveness in research and innovation;

Or. fr

**Amendment 80**  
**Marie-Christine Vergiat**

**Proposal for a regulation**  
**Article 21 – point c**

*Text proposed by the Commission*

(c) supporting the Union's external and development policy objectives, complementing external and development programmes.

*Amendment*

(c) supporting the Union's external and development policy objectives, complementing external and development programmes, ***in keeping with the interests of all stakeholders.***

Or. fr

**Amendment 81**  
**Iosif Matula**

**Proposal for a regulation**  
**Article 22 – paragraph 3 – point e a (new)**

*Text proposed by the Commission*

*Amendment*

***(ea) initiatives to encourage an interest in the sciences from an early age, through the organisation of open days at research centres for example;***

Or. ro

**Amendment 82**  
**Iosif Matula**

**Proposal for a regulation**  
**Article 22 – paragraph 3 – point e b (new)**

*Text proposed by the Commission*

*Amendment*

***(eb) action to raise the profile of European awards in the fields of science and research.***

**Amendment 83**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Article 22 – paragraph 3 a (new)**

*Text proposed by the Commission*

*Amendment*

*Academic and scientific publications are a key research infrastructure component. They are a resource that plays a crucial role in the generation of new knowledge and innovation. It is therefore essential for research findings produced and validated as a result of work carried out by researchers in receipt of EU funding to be made available to the whole of the scientific community.*

**Amendment 84**  
**Iosif Matula**

**Proposal for a regulation**  
**Article 24 – paragraph 1**

*Text proposed by the Commission*

*Amendment*

1. The Commission shall take appropriate measures ensuring that, when actions financed under this Regulation are implemented, the financial interests of the Union are protected by the application of preventive measures against fraud, corruption and any other illegal activities, by effective checks and, if irregularities are detected, by the recovery of the amounts wrongly paid and, where appropriate, by effective, proportionate and deterrent

1. The Commission shall take appropriate measures ensuring that, when actions financed under this Regulation are implemented, the financial interests of the Union are protected by ***the efficient management of research centres***, the application of preventive measures against fraud, corruption and any other illegal activities, by effective checks and, if irregularities are detected, by the recovery of the amounts wrongly paid and, where

penalties.

appropriate, by effective, proportionate and deterrent penalties.

Or. ro

**Amendment 85**  
**Nessa Childers**

**Proposal for a regulation**  
**Article 25 – paragraph 1**

*Text proposed by the Commission*

1. The Commission shall annually monitor the implementation of Horizon 2020, its specific programme and the activities of the European Institute of Innovation and Technology. This shall include information on cross-cutting topics such as sustainability and climate change, including information on the amount of climate related expenditure.

*Amendment*

1. The Commission shall annually monitor the implementation of Horizon 2020, its specific programme and the activities of the European Institute of Innovation and Technology. This shall include information **and indicators** on cross-cutting topics such as **gender**, sustainability and climate change, including information on the amount of climate related expenditure.

Or. en

**Amendment 86**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – paragraph 7 – point a**

*Text proposed by the Commission*

(a) The European Research Council (ERC) shall provide attractive and flexible funding to enable talented and creative individual researchers and their teams to pursue the most promising avenues at the frontier of science, on the basis of Union-wide competition.

*Amendment*

(a) The European Research Council (ERC) shall provide attractive and flexible funding to enable talented and creative individual researchers and their teams **working in any field of knowledge** to pursue the most promising avenues at the frontier of science, on the basis of Union-wide competition.

**Amendment 87**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – paragraph 7 – point b**

*Text proposed by the Commission*

(b) Future and emerging technologies shall support collaborative research in order to extend Europe's capacity for advanced and paradigm-changing innovation. It shall foster scientific collaboration across disciplines on radically new, high-risk ideas and accelerate development of the most promising emerging areas of science and technology as well as the Union wide structuring of the corresponding scientific communities.

*Amendment*

(b) Future and emerging technologies shall support collaborative ***or cross-disciplinary*** research in order to extend Europe's capacity for advanced and paradigm-changing innovation. It shall foster scientific collaboration across disciplines on radically new, high-risk ideas and accelerate development of the most promising emerging areas of science and technology as well as the Union wide structuring of the corresponding scientific communities.

**Amendment 88**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – paragraph 7 – point d**

*Text proposed by the Commission*

(d) Research infrastructure shall develop European research infrastructure for 2020 and beyond, foster their innovation potential and human capital, and complement this with the related Union policy and international cooperation.

*Amendment*

(d) Research infrastructure shall develop European research infrastructure for 2020 and beyond, foster their innovation potential and human capital, and complement this with the related Union policy and international cooperation ***in order to retain and attract talented people to live and work in the Union.***

**Amendment 89**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – paragraph 14 – point f**

*Text proposed by the Commission*

(f) Inclusive, innovative and secure societies.

*Amendment*

(f) Inclusive, ***educated***, innovative and secure societies.

Or. en

**Amendment 90**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Annex 1 – paragraph 15**

*Text proposed by the Commission*

All the activities shall take a challenge-based approach, focusing on policy priorities without predetermining the precise choice of technologies or solutions that should be developed. The emphasis shall be on bringing together a critical mass of resources and knowledge across different fields, technologies and scientific disciplines in order to address the challenges. The activities shall cover the full cycle from research to market, with a new focus on innovation-related activities, such as piloting, demonstration, test-beds, support for public procurement, design, end-user driven innovation, social innovation and market take-up of innovations.

*Amendment*

All the activities shall take a challenge-based approach, focusing on policy priorities without predetermining the precise choice of technologies or solutions that should be developed. The emphasis shall be on bringing together a critical mass of resources and knowledge across different fields, technologies and scientific disciplines in order to address the challenges. The activities shall cover the full cycle from research to market, with a new focus on innovation-related activities, such as piloting, demonstration, test-beds, support for public procurement, design, end-user driven innovation, ***the use of innovative research funding tools, such as innovation awards, particularly in cases where the market fails to perform its proper function, securing the best possible social return on public investment***, social innovation and market take-up of innovations.

**Amendment 91**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Annex 1 – paragraph 16**

*Text proposed by the Commission*

Social sciences and humanities shall be ***an integral part of*** the activities to address all the challenges. In addition, the underpinning development of these disciplines shall be supported under the specific objective ‘Inclusive, innovative and secure societies’. Support will also focus on providing a strong evidence base for policy making at international, Union, national and regional levels. Given the global nature of many of the challenges, strategic cooperation with third countries shall be an integral part of each challenge. In addition, cross-cutting support for international cooperation shall be provided under the specific objective ‘Inclusive, innovative and secure societies’.

*Amendment*

Social sciences and humanities ***are a discrete field of research and shall be one of the bases for*** the activities to address all the challenges ***facing the EU, as regards both the inclusion of people of all origins and their access to education and to social and cultural rights***. In addition, the underpinning development of these disciplines shall be supported under the specific objective ‘Inclusive, innovative and secure societies’. Support will also focus on providing a strong evidence base for policy making at international, Union, national and regional levels. Given the global nature of many of the challenges, strategic cooperation with third countries shall be an integral part of each challenge. In addition, cross-cutting support for international cooperation shall be provided under the specific objective ‘Inclusive, innovative and secure societies’.

**Amendment 92**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – paragraph 16**

*Text proposed by the Commission*

Social sciences and humanities shall be an integral part of the activities to address all

*Amendment*

Social sciences and humanities shall be an integral part of the activities to address all

the challenges. In addition, the underpinning development of these disciplines shall be supported under the specific objective ‘Inclusive, innovative and secure societies’. Support will also focus on providing a strong evidence base for policy making at international, Union, national and regional levels. Given the global nature of many of the challenges, strategic cooperation with third countries shall be an integral part of each challenge. In addition, cross-cutting support for international cooperation shall be provided under the specific objective ‘Inclusive, innovative and secure societies’.

the challenges. In addition, the underpinning development of these disciplines shall be supported under the specific objective ‘Inclusive, **educated**, innovative and secure societies’. Support will also focus on providing a strong evidence base for policy making at international, Union, national and regional levels. Given the global nature of many of the challenges, strategic cooperation with third countries shall be an integral part of each challenge. In addition, cross-cutting support for international cooperation shall be provided under the specific objective ‘Inclusive, **educated**, innovative and secure societies’.

Or. en

### **Amendment 93**

**Nessa Childers**

#### **Proposal for a regulation**

#### **Annex 1 – paragraph 17**

##### *Text proposed by the Commission*

The specific objective ‘Inclusive, innovative and secure societies’ also includes an activity to close the research and innovation divide with specific measures to unlock excellence in less developed regions of the Union.

##### *Amendment*

The specific objective ‘Inclusive, innovative and secure societies’ also includes an activity to close the research and innovation divide with specific measures to unlock excellence in less developed regions of the Union. ***It also includes activities, strategies, methodologies and tools needed to enable a dynamic and sustainable cultural heritage for Europe.***

Or. en

### **Amendment 94**

**Malika Benarab-Attou**

**Proposal for a regulation**  
**Annex 1 – paragraph 17**

*Text proposed by the Commission*

The specific objective ‘Inclusive, innovative and secure societies’ also includes an activity to close the research and innovation divide with specific measures to unlock excellence in less developed regions of the Union.

*Amendment*

The specific objective ‘Inclusive, innovative and secure societies’ also includes an activity to close the research and innovation divide with specific measures to unlock excellence in less developed regions of the Union, ***requiring, in particular, the broadest possible access to scientific and academic publications and to research data in those regions.***

Or. fr

**Amendment 95**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – paragraph 17**

*Text proposed by the Commission*

The specific objective ‘Inclusive, innovative and secure societies’ also includes an activity to close the research and innovation divide with specific measures to unlock excellence in less developed regions of the Union.

*Amendment*

The specific objective ‘Inclusive, ***educated,*** innovative and secure societies’ also includes an activity to close the research and innovation divide with specific measures to unlock excellence in less developed regions of the Union.

Or. en

**Amendment 96**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – part I – point 1 – point 1.1 – paragraph 6**

*Text proposed by the Commission*

Furthermore, these factors compound Europe's relative unattractiveness in the

*Amendment*

Furthermore, these factors compound Europe's relative unattractiveness in the

global competition for scientific talent. The ability of the US system to offer more resources per researcher and better career prospects explains how it continues to attract the best researchers from across the world, including tens of thousands from the Union.

global competition for scientific talent. The ability of the US system to offer more resources per researcher, ***better research infrastructures*** and better career prospects explains how it continues to attract the best researchers from across the world, including tens of thousands from the Union.

Or. en

**Amendment 97**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – part I – point 1 – point 1.1 – paragraph 6 a (new)**

*Text proposed by the Commission*

*Amendment*

***If innovation is to be conceived as a term for economic growth, the long cultural European tradition should not be excluded from its parameters. Since Europe and its cultural heritage still predominate world-wide tourism, further expanded to new markets from the East, excellence in science should also include research in certain fields of the Humanities, which do not only promote knowledge of European cultural past, but create new scientific fields and thus expand the employability of young researchers. From this point of view the Union should invest in innovative research projects, mainly undertaken by university research teams and rarely attracting the interest of private investors, which focus to the discovery, preservation and multi-faceted exploitation of ancient sites and monuments, and support excavations, conservation, physical and digital reconstructions, as a precondition for SMEs and local societies to invest to and profit from the results of research in the Humanities.***

**Amendment 98**  
**Lorenzo Fontana**

**Proposal for a regulation**  
**Annex 1 – part I – point 1 – point 1.2 – paragraph 1**

*Text proposed by the Commission*

The ERC was created to provide Europe's best researchers, both women and men, with the resources they need to allow them to compete better at global level, by funding individual teams on the basis of pan-European competition. It operates autonomously: an independent Scientific Council made up of scientists, engineers and scholars of the highest repute and expertise establishes the overall scientific strategy and has full authority over decisions on the type of research to be funded. ***These are essential features of the ERC, guaranteeing the effectiveness of its scientific programme, the quality of its operations and peer-review process and its credibility in the scientific community.***

*Amendment*

The ERC was created to provide Europe's best researchers, both women and men, with the resources they need to allow them to compete better at global level, by funding individual teams on the basis of pan-European competition. It operates autonomously: an independent Scientific Council made up of scientists, engineers and scholars of the highest repute and expertise establishes the overall scientific strategy and has full authority over decisions on the type of research to be funded. ***When developing the overall scientific strategy, however, the Scientific Council should take account of current policy guidelines to ensure the programme is fully implemented with a view to achieving an inclusive and participatory Europe in which all European citizens can play their part.***

Or. it

**Amendment 99**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – part I – point 1 – point 1.3 – paragraph 1**

*Text proposed by the Commission*

The fundamental activity of the ERC shall be to provide attractive long-term funding to support excellent investigators and their

*Amendment*

The fundamental activity of the ERC shall be to provide attractive long-term funding to support excellent investigators and their

research teams to pursue ground-breaking, high-gain/high-risk research.

research teams to pursue ground-breaking, high-gain/high-risk research. ***From this point of view research as a scientific procedure should be recognized without exceptions in all fields of human knowledge.***

Or. en

**Amendment 100**  
**Nessa Childers**

**Proposal for a regulation**  
**Annex 1 – part I – point 1 – point 1.3 – paragraph 2**

*Text proposed by the Commission*

ERC funding shall be awarded in accordance with the following well-established principles. Scientific excellence shall be the sole criterion on which ERC grants are awarded. The ERC shall operate on a 'bottom-up' basis without predetermined priorities. The ERC grants shall be open to individual teams of researchers of any age and from any country in the world, working in Europe. ***And the*** ERC shall aim to foster healthy competition across Europe.

*Amendment*

ERC funding shall be awarded in accordance with the following well-established principles. Scientific excellence ***in any field of knowledge*** shall be the sole criterion on which ERC grants are awarded. The ERC shall operate on a 'bottom-up' basis without predetermined priorities. The ERC grants shall be open to individual teams of researchers of any age and from any country in the world, working in Europe. ***The*** ERC shall aim to foster healthy competition across Europe ***and will ensure unconscious gender bias is properly tackled in evaluation procedures.***

Or. en

**Amendment 101**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – part I – point 1 – point 1.3 – paragraph 2**

*Text proposed by the Commission*

ERC funding shall be awarded in

*Amendment*

ERC funding shall be awarded in

accordance with the following well-established principles. Scientific excellence shall be the sole criterion on which ERC grants are awarded. The ERC shall operate on a ‘bottom-up’ basis without predetermined priorities. The ERC grants shall be open to individual teams of researchers of any age and from any country in the world, working in Europe. And the ERC shall aim to foster healthy competition across Europe.

accordance with the following well-established principles. Scientific excellence ***in any field of knowledge*** shall be the sole criterion on which ERC grants are awarded. The ERC shall operate on a ‘bottom-up’ basis without predetermined priorities. The ERC grants shall be open to individual teams of researchers of any age and from any country in the world, working in Europe. And the ERC shall aim to foster healthy competition across Europe.

Or. en

**Amendment 102**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – part I – point 1 – point 1.3 – paragraph 5**

*Text proposed by the Commission*

By 2020, the ERC therefore shall aim to demonstrate: that the best researchers are participating in the ERC's competitions, that ERC funding has led directly to scientific publications of the highest quality and ***to the commercialisation and application of innovative technologies and ideas and*** that the ERC has contributed significantly to making Europe a more attractive environment for the world's best scientists. In particular, the ERC shall target a measurable improvement in the Union's share of the world's top 1 % most highly cited publications. In addition it shall aim at a substantial increase in the number of excellent researchers from outside Europe whom it funds and specific improvements in institutional practices and national policies to support top researchers.

*Amendment*

By 2020, the ERC therefore shall aim to demonstrate: that the best researchers are participating in the ERC's competitions, that ERC funding has led directly to scientific publications of the highest quality and that the ERC has contributed significantly to making Europe a more attractive environment for the world's best scientists. In particular, the ERC shall target a measurable improvement in the Union's share of the world's top 1 % most highly cited publications. ***It shall also try to introduce new criteria, reflecting the European idea of excellence, whose scientific credibility will not be questioned.*** In addition it shall aim at a substantial increase in the number of excellent researchers from outside Europe whom it funds and specific improvements in institutional practices and national policies to support top researchers.

Or. en

**Amendment 103**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Annex 1 – part I – point 3 – point 3.1 – paragraph 4**

*Text proposed by the Commission*

The necessary reform must start at the first stages of the researchers' careers, during their doctoral studies or comparable post-graduate training. Europe must develop state-of-the-art, innovative training schemes, consistent with the highly competitive and increasingly interdisciplinary requirements of research and innovation. Strong involvement of businesses, including SMEs and other socio-economic actors, will be needed to equip researchers with the innovation skills demanded by the jobs of tomorrow. It will also be important to enhance the mobility of these researchers, as it currently remains at too modest a level: in 2008, only 7 % of European doctoral candidates were trained in another Member State, whereas the target is 20 % by 2030.

*Amendment*

The necessary reform must start at the first stages of the researchers' careers, during their doctoral studies or comparable post-graduate training. Europe must develop state-of-the-art, innovative training schemes, consistent with the highly competitive and increasingly interdisciplinary requirements of research and innovation. Strong involvement of businesses, including SMEs and other socio-economic actors, will be needed to equip researchers with the innovation skills demanded by the jobs of tomorrow. It will also be important to enhance the mobility of these researchers, as it currently remains at too modest a level: in 2008, only 7 % of European doctoral candidates were trained in another Member State, whereas the target is 20 % by 2030. ***Accordingly, doctoral candidates in all fields must be clearly identified as one of the key target groups of the new programme for education, training, youth and sport, and care must be taken to ensure the necessary complementarity with Horizon 2020.***

Or. fr

**Amendment 104**  
**Marie-Christine Vergiat**

**Proposal for a regulation**  
**Annex 1 – part I – point 3 – point 3.3 – point a – paragraph 2**

*Text proposed by the Commission*

Key activities shall be to provide excellent and innovative training to early-stage researchers at post-graduate level via interdisciplinary projects or doctoral programmes involving universities, research institutions, businesses, SMEs and other socio-economic groups from different countries. This will improve career prospects for young post-graduate researchers in both the public and private sectors.

*Amendment*

Key activities shall be to provide excellent and innovative training to early-stage researchers at post-graduate level via interdisciplinary projects or doctoral programmes involving universities, research institutions, ***civil society stakeholders*** businesses, SMEs, ***stakeholders in the cooperative, mutual and non-profit sector*** and other socio-economic groups from different countries. This will improve career prospects for young post-graduate researchers in both the public and private sectors.

Or. fr

**Amendment 105**  
**Nessa Childers**

**Proposal for a regulation**  
**Annex 1 – part I – point 3 – point 3.3 – point a – paragraph 2**

*Text proposed by the Commission*

Key activities shall be to provide excellent and innovative training to early-stage researchers at post-graduate level via interdisciplinary projects or doctoral programmes involving universities, research institutions, businesses, SMEs and other socio-economic groups from different countries. This will improve career prospects for young post-graduate researchers in both the public and private sectors.

*Amendment*

Key activities shall be to provide excellent and innovative training to early-stage researchers at post-graduate level via interdisciplinary projects or doctoral programmes ***allowing researchers to develop their research curriculum and*** involving universities, research institutions, businesses, SMEs and other socio-economic groups from different countries. This will ***develop and*** improve career prospects for young post-graduate researchers in both the public and private sectors.

Or. en

**Amendment 106**  
**Nessa Childers**

**Proposal for a regulation**  
**Annex 1 – part I – point 3 – point 3.3 – point b – paragraph 2**

*Text proposed by the Commission*

Key activities shall be to encourage experienced researchers to broaden or deepen their skills by means of mobility by opening attractive career opportunities in universities, research institutions, businesses, SMEs and other socio-economic groups all over Europe and beyond. Opportunities to restart a research career after a break shall also be supported.

*Amendment*

Key activities shall be to encourage experienced researchers to broaden or deepen their skills by means of mobility by opening attractive career opportunities in universities, research institutions, businesses, SMEs and other socio-economic groups all over Europe and beyond, ***offering researchers the opportunity to be trained and to acquire new knowledge in a third-country high-level research organisation, and subsequently return. Key regard shall be taken of the role of women in science, and potential barriers to their entry into the field.*** Opportunities to restart a research career after a break ***and flexible working arrangements*** shall also be supported.

Or. en

**Amendment 107**  
**Marco Scurria, Marie-Thérèse Sanchez-Schmid**

**Proposal for a regulation**  
**Annex 1 – part I – point 3 – point 3.3 – point b – paragraph 2**

*Text proposed by the Commission*

Key activities shall be to encourage experienced researchers to broaden or deepen their skills by means of mobility by opening attractive career opportunities in universities, research institutions, businesses, SMEs and other socio-economic groups all over Europe and beyond. Opportunities to restart a research career after a break shall also be supported.

*Amendment*

Key activities shall be to encourage experienced researchers to broaden or deepen their skills by means of mobility by opening attractive career opportunities in universities, research institutions, businesses, SMEs and other socio-economic groups all over Europe and beyond, ***while taking account of the role of young people in the science sector.*** Opportunities to restart a research career

after a break shall also be supported.

Or. it

#### **Amendment 108**

**Malika Benarab-Attou**

#### **Proposal for a regulation**

**Annex 1 – part I – point 3 – point 3.3 – point c – paragraph 2**

##### *Text proposed by the Commission*

Key activities shall be to support short-term exchanges of research and innovation staff among a partnership of universities, research institutions, businesses, SMEs and other socio-economic groups, both within Europe and worldwide. This will include fostering cooperation with third countries.

##### *Amendment*

Key activities shall be to support short-term exchanges of research and innovation staff among a partnership of universities, research institutions, businesses, SMEs and other socio-economic groups, both within Europe and worldwide. This will include fostering cooperation with third countries ***and, in particular, strengthening scientific partnerships between the two sides of the Mediterranean and making Euro-Mediterranean research, innovation and technological development programmes more effective.***

Or. fr

#### **Amendment 109**

**Nessa Childers**

#### **Proposal for a regulation**

**Annex 1 – part I – point 3 – point 3.3 – point e – paragraph 1**

##### *Text proposed by the Commission*

The goals are to monitor progress, ***identify*** gaps in the Marie Curie Actions and to increase their impact. In this context, indicators shall be developed and data related to researchers' mobility, skills and careers analysed, seeking synergies and close coordination with the policy support actions on researchers, their employers and

##### *Amendment*

The goals are to monitor progress, ***identifying*** gaps ***and barriers*** in the Marie Curie Actions and to increase their impact. In this context, indicators shall be developed and data related to researchers' mobility, skills and careers ***as well as gender equality*** analysed, seeking synergies and close coordination with the

funders carried out under the specific objective '**Inclusive, innovative and secure societies**'. The activity shall further aim at raising awareness of the importance and attractiveness of a research career and at disseminating research and innovation results emanating from work supported by Marie Curie actions.

policy support actions on researchers, their employers and funders carried out under the specific objective '**Responsible research and innovation**'. The activity shall further aim at raising awareness of the importance and attractiveness of a research career and at disseminating research and innovation results emanating from work supported by Marie Curie actions. **It shall also include specific measures targeted to remove barriers to women's mobility.**

Or. en

**Amendment 110**  
**Lorenzo Fontana**

**Proposal for a regulation**  
**Annex 1 – part I – point 4 – point 4.1 – paragraph 1**

*Text proposed by the Commission*

The specific objective **is to endow Europe with world-class** research infrastructures **which are accessible to all researchers in Europe and beyond and fully exploit their potential for scientific advance and innovation.**

*Amendment*

This specific objective **addresses a core commitment of the Innovation Union flagship initiative, which highlights the crucial role played by ground-breaking innovation and** research infrastructures. **The initiative underlines the need to pool resources at European and international level with a view to improving the management – and making optimum use – of existing research infrastructures (such as ICT infrastructures and university, hospital, physics and industrial laboratories, for example). Equally, the Digital Agenda for Europe flagship initiative emphasises the need to reinforce Europe's digital networks and the importance of exchanging information and circulating new ideas in pursuit of 'Creative Europe'.**

Or. it

**Amendment 111**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – part I – point 4 – point 4.1 – paragraph 2**

*Text proposed by the Commission*

Research infrastructures are key determinants of Europe's competitiveness across the full breadth of scientific domains and essential to science-based innovation. In many fields research is impossible without access to supercomputers, radiation sources for new materials, clean rooms for nanotechnologies, databases for genomics **and** social sciences, observatories for Earth sciences, broadband networks for transferring data, etc. Research infrastructures are necessary to carry out the research needed to address grand societal challenges — energy, climate change, bio-economy and lifelong health and wellbeing for all. They propel collaboration across borders and disciplines and create a seamless and open European space for online research. They promote mobility of people and ideas, bring together the best scientists from across Europe and the world and enhance scientific education. They drive excellence within the European research and innovation communities and can be outstanding showcases of science for society at large.

*Amendment*

Research infrastructures are key determinants of Europe's competitiveness across the full breadth of scientific domains and essential to science-based innovation. In many fields research is impossible without access to supercomputers, radiation sources for new materials, clean rooms for nanotechnologies, databases for genomics, social sciences **and humanities**, observatories for Earth sciences, broadband networks for transferring data, etc. Research ***infrastructures are necessary to carry out the research needed in the field of human sciences such as archaeology, archaeometry, palaeography, anthropology, palaeobotany. They are also a necessary prerequisite for the conduct of research for the preservation of cultural heritage (e.g conservation laboratories).*** Moreover, research infrastructures are necessary to carry out the research needed to address grand societal challenges – energy, climate change, bio-economy and lifelong health and wellbeing for all. They propel collaboration across borders and disciplines and create a seamless and open European space for online research. They promote mobility of people and ideas, bring together the best scientists from across Europe and the world and enhance scientific education. They drive excellence within the European research and innovation communities and can be outstanding showcases of science for society at large.

Or. en

**Amendment 112**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Annex 1 – part I – point 4 – point 4.1 – paragraph 4 a (new)**

*Text proposed by the Commission*

*Amendment*

***Academic and scientific publications are a key research infrastructure component. They are a resource that plays a crucial role in the generation of new knowledge and innovation. It is therefore essential for research findings produced and validated as a result of work carried out by researchers in receipt of EU funding to be made available to the whole of the scientific community.***

Or. fr

**Amendment 113**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – part I – point 4 – point 4.3 – point b**

*Text proposed by the Commission*

*Amendment*

The aims shall be to encourage research infrastructures to act as early adopters of technology, to promote R&D partnerships with industry, to facilitate industrial use of research infrastructures and to stimulate the creation of innovation clusters. This activity shall also support training and/or exchanges of staff managing and operating research infrastructures.

The aims shall be to encourage research infrastructures to act as early adopters of technology, to promote R&D partnerships with industry, to facilitate industrial use of research infrastructures, ***to support the creation of datasets in any field of knowledge, especially in the area of the humanities, as a precondition for the commercialization of European cultural heritage***, and to stimulate the creation of innovation clusters. This activity shall also support ***employability***, training and/or exchanges of staff managing and operating research infrastructures.

**Amendment 114**

**Marco Scurria, Marie-Thérèse Sanchez-Schmid**

**Proposal for a regulation**

**Annex 1 – part II – point 1 – point 1.2 – point 1.2.3 – point b**

*Text proposed by the Commission*

Advancing scientific knowledge of the potential impact of nanotechnologies and nanosystems on health or on the environment, and providing tools for risk assessment and management along the entire life cycle.

*Amendment*

Advancing scientific knowledge of the potential impact of nanotechnologies and nanosystems on health or on the environment, and providing tools for risk assessment and management along the entire life cycle, ***and to enable people with disabilities to be more fully integrated into society.***

Or. it

**Amendment 115**

**Nessa Childers**

**Proposal for a regulation**

**Annex 1 – part II – point 3 – point 3.2 – paragraph 2**

*Text proposed by the Commission*

SMEs can be found in all sectors of the economy. They form a more important part of the European economy than of other regions such as the United States of America. All types of SMEs can innovate. They need to be encouraged and supported to invest in research and innovation. In doing so they should be able to draw on the full innovative potential of the internal market and the ERA so as to create new business opportunities in Europe and beyond and to contribute to find solutions to key societal challenges.

*Amendment*

SMEs can be found in all sectors of the economy. They form a more important part of the European economy than of other regions such as the United States of America. All types of SMEs can innovate. They need to be encouraged and supported to invest in research and innovation ***and to increase links and partnerships with universities and other research institutions.*** In doing so they should be able to draw on the full innovative potential of the internal market and the ERA so as to create new business opportunities in Europe and beyond and to contribute to find solutions to key societal

challenges.

Or. en

### **Amendment 116**

**Malika Benarab-Attou**

#### **Proposal for a regulation**

##### **Annex 1 – part III – point 1 – point 1.1 – paragraph 4**

###### *Text proposed by the Commission*

Chronic conditions such as cardiovascular disease (CVD), cancer, diabetes, neurological and mental health disorders, overweight and obesity and various functional limitations are major causes of disability, ill-health and premature death, and present considerable social and economic costs.

###### *Amendment*

Chronic conditions such as cardiovascular disease (CVD), cancer, diabetes, neurological and mental health disorders, overweight and obesity and various functional limitations are major causes of disability, ill-health and premature death, and present considerable social and economic costs. ***Innovative models for funding and disseminating the results of research work, such as innovation awards, are of essential importance in addressing these societal challenges and enabling the European research community to play an active and effective part in doing so.***

Or. fr

### **Amendment 117**

**Silvia Costa**

#### **Proposal for a regulation**

##### **Annex 1 – part III – point 1 – point 1.3 – paragraph 2**

###### *Text proposed by the Commission*

Successful efforts to prevent, manage, treat and cure disease, disability and reduced functionality are underpinned by the fundamental understanding of their determinants and causes, processes and impacts, as well as factors underlying good

###### *Amendment*

Successful efforts to prevent, manage, treat and cure disease, disability and reduced functionality are underpinned by the fundamental understanding of their determinants and causes, processes and impacts, as well as factors underlying good

health and wellbeing. Effective sharing of data and the linkage of these data with large scale cohort studies is also essential, as is the translation of research findings into the clinic, in particular through the conduct of clinical trials.

health and wellbeing, *including the impact of social and cultural factors and creative activities on individuals' daily lives.*

Effective sharing of data and the linkage of these data with large scale cohort studies is also essential, as is the translation of research findings into the clinic, in particular through the conduct of clinical trials.

Or. it

## **Amendment 118**

**Malika Benarab-Attou**

### **Proposal for a regulation**

#### **Annex 1 – part III – point 1 – point 1.3 – paragraph 5**

##### *Text proposed by the Commission*

Specific activities shall include: understanding the determinants of health (including environmental and climate related factors), improving health promotion and disease prevention; understanding disease and improving diagnosis; developing effective screening programmes and improving the assessment of disease susceptibility; improving surveillance and preparedness; developing better preventive vaccines; using in-silico medicine for improving disease management and prediction; treating disease; transferring knowledge to clinical practice and scalable innovation actions; better use of health data; active ageing, independent and assisted living; individual empowerment for self-management of health; promotion of integrated care; improving scientific tools and methods to support policy making and regulatory needs; and optimising the efficiency and effectiveness of healthcare systems and reducing inequalities by evidence based decision making and dissemination of best practice, and innovative technologies and

##### *Amendment*

Specific activities shall include: understanding the determinants of health (including environmental and climate related factors), improving health promotion and disease prevention; understanding disease and improving diagnosis; developing effective screening programmes and improving the assessment of disease susceptibility; improving surveillance and preparedness; developing better preventive vaccines; using in-silico medicine for improving disease management and prediction; treating disease; transferring knowledge to clinical practice and scalable innovation actions; better use of health data; active ageing, independent and assisted living; individual empowerment for self-management of health; promotion of integrated care; improving scientific tools and methods to support policy making and regulatory needs; and optimising the efficiency and effectiveness of healthcare systems and reducing inequalities by evidence based decision making and dissemination of best practice, and innovative technologies and

approaches.

approaches, *in particular in relation to funding research and disseminating research results in order to share knowledge that will facilitate and speed up innovation in these areas.*

Or. fr

**Amendment 119**  
**Lorenzo Fontana**

**Proposal for a regulation**  
**Annex 1 – part III – point 3 – point 3.1 – paragraph 4**

*Text proposed by the Commission*

To achieve these reductions, significant investments need to be made in research, development, demonstration and market roll-out of efficient, safe and reliable low-carbon energy technologies and services. These must go hand in hand with non-technological solutions on both the supply and demand sides. All this must be part of an integrated low-carbon policy, including mastering key enabling technologies, in particular ICT solutions and advanced manufacturing, processing and materials. The goal is to produce efficient energy technologies and services that can be taken up widely on European and international markets and to establish intelligent demand-side management based on an open and transparent energy trade market and intelligent energy efficiency management systems.

*Amendment*

To achieve these reductions, significant investments need to be made in research, development, demonstration and market roll-out of efficient, safe and reliable low-carbon energy technologies and services. These must go hand in hand with non-technological solutions on both the supply and demand sides. ***Furthermore, these investments must be accompanied by a high-profile public awareness campaign to ensure that European citizens lead the way in introducing the necessary environmental, social and cultural changes.*** All this must be part of an integrated low-carbon policy, including mastering key enabling technologies, in particular ICT solutions and advanced manufacturing, processing and materials. The goal is to produce efficient energy technologies and services that ***benefit society and*** can be taken up widely on European and international markets and to establish intelligent demand-side management based on an open and transparent energy trade market and intelligent energy efficiency management ***and monitoring*** systems.

**Amendment 120**  
**Nessa Childers**

**Proposal for a regulation**  
**Annex 1 – part III – point 5 – point 5.3 – point e a (new)**

*Text proposed by the Commission*

*Amendment*

***(ea) Enabling sustainable cultural heritage in response to climate change***

***The aim is to research into the strategies, methodologies and tools needed to enable a dynamic and sustainable cultural heritage for Europe in response to climate change. Activities shall also focus on providing a better understanding of how communities perceive, adapt and respond to changing environments and more frequent extreme events.***

Or. en

**Amendment 121**  
**Nessa Childers**

**Proposal for a regulation**  
**Annex 1 – part III – point 6 – point 6.1 – paragraph 2**

*Text proposed by the Commission*

*Amendment*

Europe is confronted with major socio-economic challenges which significantly affect its future - such as growing economic and cultural interdependencies, ageing, social exclusion and poverty, inequalities and migration flows, closing the digital divide, fostering a culture of innovation and creativity in society and enterprises, as well ensuring ***security and freedom***, trust in democratic institutions and between citizens within and across borders. These challenges are enormous

Europe is confronted with major socio-economic challenges which significantly affect its future, such as growing economic and cultural interdependencies, ageing ***and demographic change***, social exclusion and poverty, inequalities and migration flows, closing the digital divide, fostering a culture of innovation and creativity in society and enterprises, as well ***as*** ensuring trust in democratic institutions and between citizens within and across borders.  
***Moreover the role of public social policies***

and they call for *a* common European approach.

*in Europe is increasingly perceived as a critical element for the sustainability of the European social model itself.*

These challenges are enormous and they call for *an increasingly complex mix of diverse as well as* common European approaches, based upon shared scientific knowledge that only the social sciences and humanities can provide.

Or. en

**Amendment 122**  
**Hannu Takkula**

**Proposal for a regulation**  
**Annex 1 – part III – point 6 – point 6.1 – paragraph 2**

*Text proposed by the Commission*

Europe is confronted with major socio-economic challenges which significantly affect its future - such as growing economic and cultural interdependencies, ageing, social exclusion and poverty, inequalities and migration flows, closing the digital divide, fostering a culture of innovation and creativity in society and enterprises, as well ensuring security and freedom, trust in democratic institutions and between citizens within and across borders. These challenges are enormous and they call for a common European approach.

*Amendment*

Europe is confronted with major socio-economic challenges which significantly affect its future - such as growing economic and cultural interdependencies, ageing, social exclusion and poverty, inequalities and migration flows, closing the digital divide, fostering a culture of innovation and creativity in society and enterprises, as well ensuring *culturally sustainable development*, security and freedom, trust in democratic institutions and between citizens within and across borders. These challenges are enormous and they call for a common European approach.

Or. en

**Amendment 123**  
**Nessa Childers**

**Proposal for a regulation**  
**Annex 1 – part III – point 6 – point 6.1 – paragraph 7**

*Text proposed by the Commission*

The in-built complexity of these challenges and the evolutions of demands thus make it essential to develop innovative research and new smart technologies, processes and methods, social innovation mechanisms, coordinated actions and policies that will anticipate or influence major evolutions for Europe. It calls for understanding the underlying trends and impacts at play in these challenges and rediscovering or reinventing successful forms of solidarity, coordination and creativity that make Europe a distinctive model of inclusive, innovative and secure societies compared to other world regions. It requires a more strategic approach to cooperation with third countries. Finally, as security policies should interact with different social policies, enhancing the societal dimension of security research will be an important aspect of this challenge.

*Amendment*

The in-built complexity of these challenges and the evolutions of demands thus make it essential to develop innovative research and new smart technologies, processes and methods, social innovation mechanisms, coordinated actions and policies that will anticipate or influence major evolutions for Europe. It calls for understanding the underlying trends and impacts at play in these challenges and rediscovering or reinventing successful forms of solidarity, coordination and creativity that make Europe a distinctive model of inclusive, innovative and secure societies compared to other world regions. ***This requires a specific focus on the cultural heritage of Europe, and an approach which identifies activities which rejuvenate and bring people together across communities.*** It also requires a more strategic approach to cooperation with third countries. Finally, as security policies should interact with different social policies, enhancing the societal dimension of security research will be an important aspect of this challenge.

Or. en

**Amendment 124**  
**Nessa Childers**

**Proposal for a regulation**

**Annex 1 – part III – point 6.3 – point 6.3.1 – paragraph 1**

*Text proposed by the Commission*

The aim is to ***enhance solidarity as well as*** social, economic and political inclusion and ***positive inter-cultural dynamics*** in ***Europe*** and ***with international partners, through cutting-edge science and interdisciplinarity, technological advances and organisational innovations.***

*Amendment*

The aim is to ***gain a greater understanding of societal changes in Europe, their impact on*** social, economic and political inclusion and ***the main consequences for the well-being and quality of life of individuals, families and societies. The main challenges to be***

**Humanities** research can play an important role here. Research shall support policymakers in designing policies that combat poverty and prevent the development of various forms of divisions, discriminations and inequalities in European societies, such as gender inequalities or digital or innovation divides, and with other world regions. It shall in particular feed into the implementation and the adaptation of the Europe 2020 strategy **and the broad external action of the Union. Specific measures shall be taken to unlock excellence in less developed regions, thereby widening participation in Horizon 2020.**

**tackled will address the European models for social cohesion and well-being and the need for a considerable knowledge base in the areas of inequalities and social exclusion, demographic change and the ageing society, life course and family transitions, working and living conditions, shared history and cultural heritage, migration and mobility, education and lifelong learning, multilingualism, social policies and governance dynamics, while also taking into account the economic and social European diversity.** Social sciences and humanities research can play an important role here. Research shall support policymakers in designing policies that combat poverty and prevent the development of various forms of divisions, discriminations and inequalities in European societies, such as gender inequalities or digital or innovation divides, and with other world regions. It shall in particular feed into the implementation and the adaptation of the Europe 2020 strategy.

Or. en

**Amendment 125**  
**Lorenzo Fontana**

**Proposal for a regulation**  
**Annex 1 – part III – point 6.3 – point 6.3.1 – paragraph 1**

*Text proposed by the Commission*

The aim is to enhance solidarity **as well as** social, economic **and** political inclusion **and positive inter-cultural dynamics** in Europe and with international partners, through cutting-edge science and interdisciplinarity, technological advances and organisational innovations. Humanities research can play an important role here. Research shall support policymakers in designing policies that combat poverty and

*Amendment*

The aim is to enhance solidarity, **intercommunication and** social, economic, political **and cultural** inclusion in Europe and with international partners, through cutting-edge science and interdisciplinarity, technological advances and organisational innovations. Humanities research can play an important role here. Research shall support policymakers in designing policies that combat poverty and

prevent the development of various forms of divisions, *discriminations and inequalities in European societies, such as* gender inequalities or digital or innovation divides, and *with* other world regions. *It shall in particular feed into the implementation and the adaptation of the Europe 2020 strategy and the broad external action of the Union. Specific measures shall be taken to unlock excellence in less developed regions, thereby widening participation in Horizon 2020.*

prevent the development of various forms of divisions, *discrimination, ignorance, illiteracy*, gender inequalities or digital or innovation divides, *in European societies* and other world regions.

Or. it

**Amendment 126**  
**Chrysoula Paliadeli**

**Proposal for a regulation**  
**Annex 1 – part III – point 6.3 – point 6.3.1 – paragraph 1**

*Text proposed by the Commission*

The aim is to enhance solidarity as well as social, economic and political inclusion and positive inter-cultural dynamics in Europe and with international partners, through cutting-edge science and interdisciplinarity, technological advances and organisational innovations. *Humanities research* can play an important role here. Research shall support policymakers in designing policies that combat poverty and prevent the development of various forms of divisions, discriminations and inequalities in European societies, such as gender inequalities or digital or innovation divides, and with other world regions. It shall in particular feed into the implementation and the adaptation of the Europe 2020 strategy and the broad external action of the Union. Specific measures shall be taken to unlock excellence in less developed regions,

*Amendment*

The aim is to enhance solidarity as well as social, economic and political inclusion and positive inter-cultural dynamics in Europe and with international partners, through cutting-edge science and interdisciplinarity, technological advances and organisational innovations. *Research in the field of human and social sciences* can play an important role here. Research *in the field of humanites* shall *reveal, develop, preserve and designate the multidimensional European cultural heritage by creating new scientific disciplines, thus new innovation fields and jobs. Research in social sciences shall* support policymakers in designing policies that combat poverty and prevent the development of various forms of divisions, discriminations and inequalities in European societies, such as gender inequalities or digital or innovation divides, and with other world regions. It

thereby widening participation in Horizon 2020.

shall in particular feed into the implementation and the adaptation of the Europe 2020 strategy and the broad external action of the Union. Specific measures shall be taken to unlock excellence in less developed regions, thereby widening participation in Horizon 2020.

Or. en

#### **Amendment 127**

**Silvia Costa**

#### **Proposal for a regulation**

#### **Annex 1 – part III – point 6.3 – point 6.3.1 – paragraph 1**

##### *Text proposed by the Commission*

The aim is to enhance solidarity as well as social, economic and political inclusion and positive inter-cultural dynamics in Europe and with international partners, through cutting-edge science and interdisciplinarity, technological advances and organisational innovations. Humanities research *can* play an *important* role here. Research shall support policymakers in designing policies that combat poverty and prevent the development of various forms of divisions, discriminations and inequalities in European societies, such as gender inequalities or digital or innovation divides, and with other world regions. It shall in particular feed into the implementation and the adaptation of the Europe 2020 strategy and the broad external action of the Union. Specific measures shall be taken to unlock excellence in less developed regions, thereby widening participation in Horizon 2020.

##### *Amendment*

The aim is to enhance solidarity as well as social, economic and political inclusion and positive inter-cultural dynamics in Europe and with international partners, through cutting-edge science and interdisciplinarity, technological advances and organisational innovations. Humanities research *should* play *a crucial* role here. Research shall support policymakers in designing policies that combat poverty and prevent the development of various forms of divisions, discriminations and inequalities in European societies, such as gender inequalities or digital or innovation divides, and with other world regions, *for example on the basis of comparative studies of cultural and linguistic diversity and intercultural interaction*. It shall in particular feed into the implementation and the adaptation of the Europe 2020 strategy and the broad external action of the Union. Specific measures shall be taken to unlock excellence in less developed regions, thereby widening participation in Horizon 2020.

Or. it

**Amendment 128**  
**Malika Benarab-Attou**

**Proposal for a regulation**  
**Annex 1 – part III – point 6.3 – point 6.3.1 – paragraph 1**

*Text proposed by the Commission*

The aim is to enhance solidarity as well as social, economic and political inclusion and positive inter-cultural dynamics in Europe and with international partners, through cutting-edge science and interdisciplinarity, technological advances and organisational innovations. Humanities research can play an important role here. Research shall support policymakers in designing policies that combat poverty and prevent the development of various forms of divisions, discriminations and inequalities in European societies, such as gender inequalities or digital or innovation divides, and with other world regions. It shall in particular feed into the implementation and the adaptation of the Europe 2020 strategy and the broad external action of the Union. Specific measures shall be taken to unlock excellence in less developed regions, thereby widening participation in Horizon 2020.

*Amendment*

The aim is to enhance solidarity as well as social, economic and political inclusion and positive inter-cultural dynamics in Europe and with international partners, through cutting-edge science and interdisciplinarity, technological advances and organisational innovations. Humanities research can play an important role here, ***and must therefore be properly funded.*** Research shall support policymakers in designing policies that combat poverty and prevent the development of various forms of divisions, discriminations and inequalities in European societies, such as gender inequalities or digital or innovation divides, and with other world regions. It shall in particular feed into the implementation and the adaptation of the Europe 2020 strategy and the broad external action of the Union. Specific measures shall be taken to unlock excellence in less developed regions, thereby widening participation in Horizon 2020.

Or. fr

**Amendment 129**  
**Silvia Costa**

**Proposal for a regulation**  
**Annex 1 – part III – point 6.3 – point 6.3.1 – paragraph 2 – point b a (new)**

*Text proposed by the Commission*

*Amendment*

***(ba) develop mutual knowledge and understanding through intercultural***

*dialogue;*

Or. it

**Amendment 130**

**Marco Scurria, Marie-Thérèse Sanchez-Schmid**

**Proposal for a regulation**

**Annex 1 – part III – point 6.3 – point 6.3.3 – paragraph 2 – point a**

*Text proposed by the Commission*

*Amendment*

(a) fight crime and terrorism;

(a) fight crime, terrorism ***and illegal immigration;***

Or. it

**Amendment 131**

**Marco Scurria, Marie-Thérèse Sanchez-Schmid**

**Proposal for a regulation**

**Annex 1 – part IV – point 3 – paragraph 2**

*Text proposed by the Commission*

*Amendment*

The JRC's key competence areas will be energy, transport, environment and climate change, agriculture and food security, health and consumer protection, information and communication technologies, reference materials, and safety and security (including nuclear in the Euratom programme).

The JRC's key competence areas will be energy, transport, environment and climate change, agriculture and food security, health and consumer protection, ***the protection of the historical, artistic and cultural heritage,*** information and communication technologies, reference materials, and safety and security (including nuclear in the Euratom programme).

Or. it

**Amendment 132**

**Zoltán Bagó**

**Proposal for a regulation**  
**Annex 1 – part V – point 2 – paragraph 2**

*Text proposed by the Commission*

The EIT will address these issues by promoting structural changes in the European innovation landscape. It will do so by fostering the integration of higher education, research and innovation of the highest standards, thereby creating new environments conducive to innovation, and by promoting and supporting a new generation of entrepreneurial people. In doing so, the EIT will contribute fully to the objectives of Europe 2020 and notably the Innovation Union and Youth on the Move flagship initiatives.

*Amendment*

The EIT will address these issues by promoting structural changes in the European innovation landscape ***which encourages the Union to become more competitive***. It will do so by fostering the integration of higher education, research and innovation of the highest standards, thereby creating new environments conducive to innovation, and by promoting and supporting a new generation of entrepreneurial people. In doing so, the EIT will contribute fully to the objectives of Europe 2020 and notably the Innovation Union and Youth on the Move flagship initiatives, ***therefore the financial contribution set out in Annex II is crucial***.

Or. en

**Amendment 133**  
**Nessa Childers**

**Proposal for a regulation**  
**Annex 1 – part V – point 2 – paragraph 3**

*Text proposed by the Commission*

The specific feature of the EIT is to ***integrate*** education and entrepreneurship with research and innovation as links in a single innovation chain across the Union and beyond.

*Amendment*

The specific feature of the EIT is to ***join*** education and entrepreneurship with research and innovation as links in a single innovation chain across the Union and beyond, ***leading to an increase of innovative services, products and processes brought to society and the market***.

Or. en

