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Committee on Regional Development

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AMENDMENTS

6 - 59

Draft opinion
Oldřich Vlasák
(PE492.563v01-00)

on the proposal for a regulation of the European Parliament and of the Council
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 6
Petru Constantin Luhan

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's regions individually and the Union as a whole*** 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.

Or. ro

Amendment 7
Jens Nilsson

Proposal for a regulation
Recital 15

Text proposed by the Commission

(15) Simplification 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

Amendment

(15) Simplification 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, ***public sector research and innovation agencies, social economy organisations, and*** specifically SMEs and be open to new participants, as it brings

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.

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.

Or. en

Justification

In some member states research and innovation activities are carried out in partnership with public authorities, but without the involvement of a university or an academic institution. The amendment clarifies that the regulation also covers such research and innovation activities. Secondly, it is important to enable the involvement of social economy partners, especially in the field of social innovation.

Amendment 8 **Salvatore Caronna**

Proposal for a regulation **Recital 19 a (new)**

Text proposed by the Commission

Amendment

(19a) Europe's regional and local authorities play an important role in developing the European Research Area and ensuring that the Union's various financial instruments are coordinated effectively. In particular, they should encourage linkage between the Horizon 2020 programme and the Structural Funds in connection with regional innovation strategies based on smart specialisation. The regions also play a crucial role in the dissemination and application of the results of the Horizon 2020 programme by providing complementary funding possibilities, including public sector contracts.

Amendment 9
Heide Rühle

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 Horizon 2020 should: **promote active participation and** informed engagement of citizens, civil society **and societal actors (researchers, policy makers and industry) in the** research and innovation **process; ensure the uptake of the gender dimension; promote excellent** science education; **guarantee the respect of ethical legislation and promoting the emergence of and adherence to the highest ethical standards worldwide; increase the accessibility and re-use of the results of publicly funded research, in particular scientific publications and data; develop** responsible research and innovation **and governance framework** agendas that meet citizens' and civil society's concerns and expectations and by **reinforcing** their participation in **the setting of research priorities of** Horizon 2020 activities.

Amendment 10
Jens Nilsson

Proposal for a regulation
Recital 20

Text proposed by the Commission

(20) With the aim of deepening the

Amendment

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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.

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 promoting research and innovation activities at smaller universities and research centres too**, 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. sv

Justification

Through the use of smart specialisation many smaller European universities are today centres of excellence. These should not be disadvantaged in any way by Horizon 2020.

Amendment 11 **Petru Constantin Luhan**

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 ***be supported by a powerful information campaign for*** 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 12
Petru Constantin Luhan

Proposal for a regulation
Recital 22

Text proposed by the Commission

(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 Research Area, while respecting their voluntary nature.

Amendment

(22) Horizon 2020 should contribute to the attractiveness of the research profession in the Union **and lead to fresh job creation in this area**. 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 Research Area, while respecting their voluntary nature.

Amendment 13
Miroslav Mikolášik

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

Amendment

(24) Research and innovation activities supported by Horizon 2020 should respect **human rights and** 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. **Research activities funded by Horizon 2020 should respect the legal provisions**

with Article 168 TFEU.

and customs of the Member States. All activities should be carried out ensuring a high level of human health protection in accordance with Article 168 TFEU.

Or. en

Amendment 14
Tomasz Piotr Poręba

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.

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Or. en

Amendment 15
Miroslav Mikolášik

Proposal for a regulation
Recital 25

Text proposed by the Commission

(25) ***The European Commission does not explicitly solicit the use*** of human

Amendment

(25) ***Attention should be paid to the considerable differences between national***

embryonic stem cells. The *use of human stem cells, be they adult or embryonic, if any, depends on the judgement of the scientists in view of the objectives they want to achieve and is subject to stringent Ethics Review. No project involving the use of human embryonic stem cells should be funded that does not obtain the necessary approvals from the Member States. No activity should be funded that is forbidden in all Member States. No activity should be funded in a Member State where such activity is forbidden.*

legislations of Member States with regard to research using human embryos and human embryonic stem cells. Union research policy should not lead to harmonisation of national legislation of Member States. The Commission should remind its declaration, with regard to the Seventh Framework Programme, to continue the current practice and not submit to the Regulatory Committee proposals for projects which destroy human embryos, including for the procurement of stem cells.¹ This commitment should be included in this Regulation in order to ensure legal certainty and continuity.

¹ *Point 12 of the Commission statement regarding Article 6 annexed to Decision No 1982/2006/EC of the European Parliament and of the Council of 18 December 2006 concerning the Seventh Framework Programme of the European Community for research, technological development and demonstration activities (OJ L 412, 30.12.2006, p. 1).*

Or. en

Amendment 16
Miroslav Mikolášik

Proposal for a regulation
Recital 25 a (new)

Text proposed by the Commission

Amendment

(25a) Union research policy and research funding should ensure that scientists whose research is funded from the European Union budget, would patent their inventions in the Union. Not patentable research should be excluded from the EU funding in order to ensure responsible use of the European Union

budget.

Or. en

Amendment 17

Jens Nilsson

Proposal for a regulation

Recital 26

Text proposed by the Commission

(26) ***To achieve maximum impact,*** Horizon 2020 should develop close synergies with other Union programmes in areas such as education, space, environment, competitiveness and SMEs, the internal security, culture and media and with the Cohesion Policy funds and Rural Development Policy, which can specifically help to strengthen national ***and*** regional research and innovation capabilities in the context of smart specialisation strategies.

Amendment

(26) Horizon 2020 should develop close synergies with other Union programmes in areas such as education, space, environment, competitiveness and SMEs, the internal security, culture and media and with the Cohesion Policy funds and Rural Development Policy ***through the regional partnerships,*** which can specifically help to strengthen national, regional ***and local*** research and innovation capabilities in the context of smart specialisation strategies.

Or. sv

Justification

Regions and regional partnerships should be involved in the planning and development of research and innovation systems in the context of smart specialisation strategies.

Amendment 18

Nuno Teixeira

Proposal for a regulation

Recital 26

Text proposed by the Commission

(26) To achieve maximum impact, Horizon 2020 should develop close synergies with other Union programmes in areas such as education, space, environment,

Amendment

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competitiveness and SMEs, the internal security, culture and media and with the Cohesion Policy funds and Rural Development Policy, which can specifically help to strengthen national and regional research and innovation capabilities in the context of smart specialisation strategies.

competitiveness and SMEs, the internal security, culture and media and with the Cohesion Policy funds and Rural Development Policy, which can specifically help to strengthen national and regional research and innovation capabilities in the context of smart specialisation strategies. ***Appropriate articulation with Cohesion Policy funds, and coordinated action, will help reduce the research and innovation gap in the European Union, by taking account of the specific characteristics of the regions referred to in Articles 174, 349 and 355(1) TFEU.***

Or. pt

Justification

An appropriate structure is necessary to link regional and cohesion policy funds with the funding of the Horizon 2020 programme, without forgetting the specific characteristics of the regions referred to in Articles 174, 349 and 355(1) of the Treaty on the Functioning of the European Union.

Amendment 19 **Miroslav Mikolášik**

Proposal for a regulation **Recital 26**

Text proposed by the Commission

(26) To achieve maximum impact, Horizon 2020 should develop close synergies with other Union programmes in areas such as education, space, environment, competitiveness and SMEs, the internal security, culture and media and with the Cohesion Policy funds and Rural Development Policy, which can specifically help to strengthen national and regional research and innovation capabilities in the context of smart specialisation strategies.

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(26) To achieve maximum impact, Horizon 2020 should develop close synergies with other Union programmes in areas such as education, space, environment, competitiveness and SMEs, the internal security, culture and media and with the Cohesion Policy funds and Rural Development Policy, which can specifically help to strengthen national and regional research and innovation capabilities in the context of smart specialisation strategies; ***therefore in the***

Commission's working document of 22 March 2012 on synergies between Horizon 2020 and Cohesion Policy funds, the principles of excellence to which both the research and development as well as regional development policy ought to adhere, are laid down;

Or. en

Amendment 20
Petru Constantin Luhan

Proposal for a regulation
Recital 26

Text proposed by the Commission

(26) To achieve maximum impact, Horizon 2020 should develop close synergies with other Union programmes in areas such as education, space, environment, competitiveness and SMEs, the internal security, culture and media and with the Cohesion Policy funds and Rural Development Policy, which can specifically help to strengthen national and regional research and innovation capabilities in the context of smart specialisation strategies.

Amendment

(26) To achieve maximum impact, Horizon 2020 should develop close synergies with other Union programmes in areas such as education, space, environment, competitiveness and SMEs, the internal security, culture and media and with the Cohesion Policy funds and Rural Development Policy, which can specifically help to strengthen national and regional research and innovation capabilities in the context of smart specialisation strategies. ***Synergy should not be limited to supplementary project funding alone, given that the cultivation of professional relations, the development of capacities and in particular the transfer of know-how could represent a significant form of synergy.***

Or. ro

Amendment 21
Petru Constantin Luhan

Proposal for a regulation
Recital 26 a (new)

Text proposed by the Commission

Amendment

(26a) Similarly, in order to optimize the results of Horizon 2020, the Commission should encourage regional stakeholders to formulate regional strategies so as to combine existing forms of public or private funding at EU level.

Or. ro

Amendment 22
Jens Nilsson

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, Horizon 2020 is to develop closer synergies, which may also take the form of public-public partnerships, with national, regional ***and local*** programmes that support research and innovation.

Or. en

Justification

In some member states research and innovation activities are carried out in partnership with public authorities, but without the involvement of a university or an academic institution. The amendment clarifies that the regulation also covers such research and innovation activities.

Amendment 23
Salvatore Caronna

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. it

Amendment 24

Lambert van Nistelrooij

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 **minimum** contribution from Horizon 2020 of **3,64 percent of the total budget as set out in Annex II.**

Amendment 25
Nuno Teixeira

Proposal for a regulation
Article 7 – paragraph 1 – point b – point iii

Text proposed by the Commission

(iii) have close economic and geographical links to the Union;

Amendment

(iii) have close economic and geographical links to the Union *or maintain special historical and cultural ties with Member States of the Union*;

Or. pt

Justification

Historical and cultural ties should also be included in relation to associating third countries, alongside purely economic and geographical links, as Member State relations can offer benefits for international cooperation in this area.

Amendment 26
Heide Rühle

Proposal for a regulation
Article 12 – paragraph 1 a (new)

Text proposed by the Commission

Amendment

1a. To further attract citizens' and civil society's involvement and participation in research, the programmes promoting citizens' and civil society's participation initiated under the Seventh Framework Programme shall be continued in Horizon 2020 both as a stand-alone programme and as specific activities in particular under the societal challenges. Specific calls for participatory research shall be implemented where research and innovation activities are led by civil society organisations or where those

organisations and citizens are actively involved as part of the project.

Or. en

Amendment 27
Heide Rühle

Proposal for a regulation
Article 12 – paragraph 1 b (new)

Text proposed by the Commission

Amendment

1b. Civil society organisations' and citizens' participation in the definition, execution and evaluation of research programmes shall be crucial for tackling societal challenges and shall be supported throughout Horizon 2020, including in drafting of the annual work programmes. Under each societal challenge, a specific platform for dialogue between civil society, citizens and researchers shall be established for discussing research priorities in the specific sectors areas.

Or. en

Amendment 28
Heide Rühle

Proposal for a regulation
Article 12 – paragraph 2

Text proposed by the Commission

Amendment

2. Full account shall also be taken of relevant aspects of the research and innovation agendas established by European Technology Platforms, Joint Programming Initiatives and European Innovation Partnerships.

2. Full account shall also be taken of relevant aspects of the research and innovation agendas established by European Technology Platforms, Joint Programming Initiatives and European Innovation Partnerships, *provided that these agendas have been drafted in consultation with a wide range of experts*

and stakeholders.

Or. en

Amendment 29
Salvatore Caronna

Proposal for a regulation
Article 12 – paragraph 2 a (new)

Text proposed by the Commission

Amendment

2a. Activities in the area of Corporate Social Responsibility (CSR) must be multidisciplinary and multicultural, with a strong regional input. This requires regional cooperation at European level and the pursuit of excellence at regional level through specific programmes.

Or. it

Amendment 30
Jens Nilsson

Proposal for a regulation
Article 13 – paragraph 1

Text proposed by the Commission

Amendment

1. Linkages and interfaces shall be implemented across and within the priorities of Horizon 2020. Particular attention shall be paid in this respect to the development and application of key enabling and industrial technologies, to bridging from discovery to market application, to cross-disciplinary research and innovation, to social and economic sciences and humanities, to fostering the functioning and achievement of the ERA, to cooperation with third countries, to responsible research and innovation including gender, and to enhancing the

1. Linkages and interfaces shall be implemented across and within the priorities of Horizon 2020. Particular attention shall be paid in this respect to the development and application of key enabling and industrial technologies, to bridging from discovery to market application, to cross-disciplinary research and innovation, to social and economic sciences and humanities, to fostering the functioning and achievement of the ERA, to cooperation with third countries, to responsible research and innovation including gender, and to enhancing the

attractiveness of the research profession and to **facilitating** cross-border and cross-sector mobility of researchers.

attractiveness of the research profession, **enabling research and innovation activities to be carried out also at smaller local and regional research centres, and to facilitate** cross-border and cross-sector mobility of researchers.

Or. en

Justification

Through the use of smart specialisation many smaller European universities are today centres of excellence. These should not be disadvantaged in any way by Horizon 2020.

Amendment 31 **Petru Constantin Luhan**

Proposal for a regulation **Article 13 – paragraph 1**

Text proposed by the Commission

1. Linkages and interfaces shall be implemented across and within the priorities of Horizon 2020. Particular attention shall be paid in this respect to the development and application of key enabling and industrial technologies, to bridging from discovery to market application, to cross-disciplinary research and innovation, to social and economic sciences and humanities, to fostering the functioning and achievement of the ERA, to cooperation with third countries, to responsible research and innovation including gender, and to enhancing the attractiveness of the research profession and to facilitating cross-border and cross-sector mobility of researchers.

Amendment

1. Linkages and interfaces shall be implemented across and within the priorities of Horizon 2020. Particular attention shall be paid in this respect to the development and application of key enabling and industrial technologies, to bridging from discovery to market application, to cross-disciplinary research and innovation, to social and economic sciences and humanities, to fostering the functioning and achievement of the ERA, to cooperation with third countries, to responsible research and innovation including gender, and to enhancing the attractiveness of the research profession and to facilitating cross-border and cross-sector mobility of researchers, **as well as to the reduction of technological dependence on third countries.**

Or. ro

Amendment 32
Miroslav Mikolášik

Proposal for a regulation
Article 13 – paragraph 1

Text proposed by the Commission

1. Linkages and interfaces shall be implemented across and within the priorities of Horizon 2020. Particular attention shall be paid in this respect to the development and application of key enabling and industrial technologies, to bridging from discovery to market application, to cross-disciplinary research and innovation, to social and economic sciences and humanities, to fostering the functioning and achievement of the ERA, to cooperation with third countries, to responsible research and innovation including gender, and to enhancing the attractiveness of the research profession and to facilitating cross-border and cross-sector mobility of researchers.

Amendment

1. Linkages and interfaces shall be implemented across and within the priorities of Horizon 2020. Particular attention shall be paid in this respect to the development and application of key enabling and industrial technologies, to bridging from discovery to market application, to cross-disciplinary research and innovation, to social and economic sciences and humanities, to fostering the functioning and achievement of the ERA, ***to the development of the research into European legal systems***, to cooperation with third countries, to ***ethically*** responsible research and innovation including gender, and to enhancing the attractiveness of the research profession and to facilitating cross-border and cross-sector mobility of researchers.

Or. en

Amendment 33
Lambert van Nistelrooij

Proposal for a regulation
Article 15 a (new)

Text proposed by the Commission

Amendment

Article 15a

Researchers' Careers

Horizon 2020 shall be implemented in accordance with the Regulation (EU) No xx/2013 [Rules for Participation], which shall contribute to the reinforcement of a single market for researchers and to

attractiveness of researchers' careers across the Union in the context of the European Research Area, by taking into account the transnational character of the actions supported under it.

Or. en

Amendment 34
Miroslav Mikolášik

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 for reproductive, *therapeutic or scientific* purposes;

Or. en

Amendment 35
Tomasz Piotr Poręba

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 *human genome for purposes other than preventive, diagnostic or therapeutic; as well as research activity intended to modify the* genetic heritage of human beings which could make such changes heritable;

Or. en

Justification

Interventions in the human genome for purposes of enhancement infringe relevant principles

such as the principle of equality and are ruled out by international legal instruments such as the Convention of Oviedo (cf. Article 13).

Amendment 36
Miroslav Mikolášik

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 **and animals** which could make such changes heritable;

Or. en

Amendment 37
Miroslav Mikolášik

Proposal for a regulation
Article 16 – paragraph 3 – point c a (new)

Text proposed by the Commission

Amendment

(ca) research involving the destruction of human embryos.

Or. en

Amendment 38
Miroslav Mikolášik

Proposal for a regulation
Article 16 – paragraph 4

Text proposed by the Commission

4. Research on human stem cells, **both adult and embryonic**, may be financed, depending both on the contents of the

Amendment

4. Research on **other types of** human stem cells may be financed, depending both on the contents of the scientific proposal and

scientific proposal and the legal framework of the Member States involved. No funding shall be granted for research activities that are prohibited in all the Member States. No activity shall be funded in a Member State where such activity is forbidden.

the legal framework of the Member States involved. No funding shall be granted for research activities that are prohibited in all the Member States. No activity shall be funded in a Member State where such activity is forbidden.

Or. en

Amendment 39
Salvatore Caronna

Proposal for a regulation
Article 17

Text proposed by the Commission

Horizon 2020 shall be implemented in a way which is complementary to other Union funding programmes, ***including the Structural Funds.***

Amendment

Horizon 2020 shall be implemented in a way which is complementary to other Union funding programmes.

Or. it

Amendment 40
Nuno Teixeira

Proposal for a regulation
Article 17

Text proposed by the Commission

Horizon 2020 shall be implemented in a way which is complementary to other Union funding programmes, including the Structural Funds.

Amendment

Horizon 2020 shall be implemented in a way which is complementary to other Union funding programmes, including the Structural Funds ***and the specific support and compensation programmes and measures under regional and cohesion policy.***

Or. pt

Justification

In the interests of consistency and efficiency, there should be complementarity between the Horizon 2020 programme and Union funding programmes under the Structural Funds, including specific programmes and measures.

Amendment 41 **Lambert van Nistelrooij**

Proposal for a regulation **Article 17**

Text proposed by the Commission

Horizon 2020 shall be implemented in a way which is complementary to other Union funding programmes, including the Structural Funds.

Amendment

Horizon 2020 shall be implemented in a way which is complementary to other Union funding programmes, including the Structural Funds. ***Close synergies shall be developed between the Structural Funds and Horizon 2020 with a view to strengthening the research and innovation capacities of national and regional actors in the context of smart specialisation strategies and the goal of building a 'Stairway to excellence'. The principle of excellence shall be a key element in developing synergies between cohesion policy and research and development, and innovation policies;***

Or. en

Amendment 42 **Salvatore Caronna**

Proposal for a regulation **Article 17 – paragraph 1 a (new)**

Text proposed by the Commission

Amendment

Synergies and complementarity between the Structural Funds and Horizon 2020 should be developed so as to encourage all the regional stakeholders in the research

and development sector to participate in Horizon 2020 programmes and subsequently to disseminate the results thereof across regional and supra-regional markets. Investment in research, on the other hand, will potentially provide a basis for the programmes funded under the Structural Funds to be implemented as effectively as possible.

Or. it

Amendment 43
Lambert van Nistelrooij

Proposal for a regulation
Article 17 – paragraph 1 a (new)

Text proposed by the Commission

Amendment

The total amount allocated under the programme to operations located outside the programme area shall be not less than 1 % but not more than 10 % of the support from the ERDF, Cohesion Fund and EMFF at the level of the priority, or 3% of the support from the EAFRD at the level of the programme.

Or. en

Amendment 44
Lambert van Nistelrooij

Proposal for a regulation
Article 18 – paragraph 1

Text proposed by the Commission

Amendment

1. Particular attention shall be paid to ensuring the **adequate** participation of, and innovation impact on, small and medium-sized enterprises (SME) in Horizon 2020. Quantitative and qualitative assessments of

1. Particular attention shall be paid to ensuring the **increased** participation of, and innovation impact on, **the private sector, particularly** small and medium-sized enterprises (SME) in Horizon 2020.

SME participation shall be undertaken as part of the evaluation and monitoring arrangements.

Quantitative and qualitative assessments of *private sector, and particularly* SME participation shall be undertaken as part of the evaluation and monitoring arrangements.

Or. en

Amendment 45
Lambert van Nistelrooij

Proposal for a regulation
Article 18 – paragraph 2

Text proposed by the Commission

2. Specific actions shall be undertaken within the specific objective ‘Leadership in enabling and industrial technologies’ set out in Point 1 of Part II of Annex I and each of the specific objectives under the priority ‘Societal challenges’ set out in Points 1 to 6 of Part III of Annex I. These specific actions shall take the form of a dedicated SME instrument that is targeted at all types of SMEs with an innovation potential and shall be implemented in a consistent manner and tailored to the needs of SMEs as set out under the specific objective ‘Innovation in SMEs’ in Point 3.3.(a) of Part II of Annex I.

Amendment

2. Specific actions *for SMEs* shall be undertaken within the specific objective ‘Leadership in enabling and industrial technologies’ set out in Point 1 of Part II of Annex I and each of the specific objectives under the priority ‘Societal challenges’ set out in Points 1 to 6 of Part III of Annex I. These specific actions shall take the form of, *inter alia*, a dedicated SME instrument that is targeted at all types of SMEs with an innovation potential and shall be implemented in a consistent manner and tailored to the needs of SMEs as set out under the specific objective ‘Innovation in SMEs’ in Point 3.3.(a) of Part II of Annex I.

Or. en

Amendment 46
Salvatore Caronna

Proposal for a regulation
Article 18 – paragraph 3

Text proposed by the Commission

3. The integrated approach set out in

Amendment

3. The integrated approach set out in

paragraphs 1 and 2 *is expected* to lead to around 15% of the total combined budget for the specific objective on "Leadership in enabling and industrial technologies" and the priority "Societal challenges" going to SMEs.

paragraphs 1 and 2 *should* lead to a minimum of 15% of the total combined budget for the specific objective on "Leadership in enabling and industrial technologies" and the priority "Societal challenges" going to SMEs.

Or. it

Amendment 47
Lambert van Nistelrooij

Proposal for a regulation
Article 18 – paragraph 3

Text proposed by the Commission

3. The integrated approach set out in paragraphs 1 and 2 *is expected to* lead to *around 15%* of the total combined budget for the specific objective on 'Leadership in enabling and industrial technologies' and the priority 'Societal challenges' going to SMEs.

Amendment

3. The integrated approach set out in paragraphs 1 and 2 *shall* lead to *a considerable allocation* of the total combined budget for the specific objective on 'Leadership in enabling and industrial technologies' and the priority 'Societal challenges' going to SMEs. *Private sector beneficiaries are expected to receive a substantial part of the total budget for Horizon 2020.*

Or. en

Amendment 48
Salvatore Caronna

Proposal for a regulation
Article 19 – paragraph 1

Text proposed by the Commission

1. Horizon 2020 may be implemented through public-private partnerships where all the partners concerned commit to support the development and implementation of research and innovation activities of strategic importance to the

Amendment

1. Horizon 2020 may be implemented through public-private partnerships where all the partners concerned commit to support the development and implementation of research and innovation activities of strategic importance to the

Union's competitiveness and industrial leadership or to address specific societal challenges.

Union's competitiveness and industrial leadership or to address specific societal challenges. ***This should be achieved by supporting networks, cooperation and exchanges of experience between regions, towns and other stakeholders, including cultural, scientific and research institutions.***

Or. it

Amendment 49
Salvatore Caronna

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

Text proposed by the Commission

Amendment

Particular attention shall be paid to joint programming initiatives between Member States.

Particular attention shall be paid to joint programming initiatives between Member States, ***in which European Union regions and towns may participate, where appropriate.***

Or. it

Amendment 50
Salvatore Caronna

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

Text proposed by the Commission

Amendment

(b) Union participation in programmes undertaken by several Member States in accordance with Article 185 TFEU.

(b) Union participation in programmes undertaken by several Member States in accordance with Article 185 TFEU, ***with the involvement of local and regional authorities.***

Or. it

Amendment 51
Lambert van Nistelrooij

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 on cross-cutting topics such as sustainability and climate change, including information on the amount of climate related expenditure, ***SME and private sector participation.***

Or. en

Amendment 52
Nuno Teixeira

Proposal for a regulation
Annex 1 – section 1 – point 2 – point 2.1 – paragraph 1

Text proposed by the Commission

The specific objective is to foster radically new technologies by exploring novel and high-risk ideas building on scientific foundations. By providing flexible support to goal-oriented and interdisciplinary collaborative research on various scales and by adopting innovative research practices, the aim is to identify and seize opportunities of long-term benefit for citizens, the economy and society.

Amendment

The specific objective is to foster radically new technologies by exploring novel and high-risk ideas building on scientific foundations. By providing flexible support to goal-oriented and interdisciplinary collaborative research on various scales and by adopting innovative research practices, the aim is to identify and seize opportunities of long-term benefit for citizens, the economy and society. ***Smart specialisation platforms have a key role to play in this respect, particularly in terms of creation and networking, the exchange of information, twinning schemes and support for research and innovation policies.***

Justification

Smart specialisation platforms play a crucial role in terms of the exchange of information, interdisciplinary collaboration and gearing research to multi-level targets using innovative practices.

Amendment 53

Salvatore Caronna, Francesco De Angelis

Proposal for a regulation

Annex 1 – section 2 – point 1 – point 1.3 – point 1.3.3 – point e – introductory part

Text proposed by the Commission

Amendment

(e) *Materials for creative industries*

(e) *Preserving and making optimum use of Europe's cultural and artistic heritage*

Or. it

Amendment 54

Salvatore Caronna, Francesco De Angelis

Proposal for a regulation

Annex 1 – section 2 – point 1 – point 1.3 – point 1.3.3 – point e – paragraph 1

Text proposed by the Commission

Amendment

Applying design and the development of converging technologies to create new business opportunities, ***including the preservation of materials with historical or cultural value.***

Applying design and the development of converging technologies to create new business opportunities. ***Assessing and understanding the mechanisms whereby the cultural heritage is damaged. Developing advanced methods and technologies for the purpose of protecting and preserving the cultural heritage. Ensuring the inclusion and rational management of the cultural heritage at historical sites and in towns.***

Or. it

Amendment 55
Nuno Teixeira

Proposal for a regulation
Annex 1 – section 3 – point 2 – title

Text proposed by the Commission

2. Food security, sustainable agriculture, marine and maritime research **and** the bio-economy;

Amendment

2. Food security, sustainable agriculture, **water**, marine and maritime research, **aquaculture**, the bio-economy **and biodiversity protection**;

Or. pt

Justification

Water, a natural resource, aquaculture, and biodiversity protection are related areas that should be added to the list of priorities.

Amendment 56
Nuno Teixeira

Proposal for a regulation
Annex 1 – section 3 – point 2 – point 2.1 – paragraph 5

Text proposed by the Commission

In essence, a transition is needed towards an optimal and renewable use of biological resources and towards sustainable primary production and processing systems that can produce more food and other bio-based products with minimised inputs, environmental impact and greenhouse gas emissions, enhanced ecosystem services, zero-waste and adequate societal value. A critical effort of interconnected research and innovation is a key element for this to happen, in Europe and beyond.

Amendment

In essence, a transition is needed towards an optimal and renewable use of biological resources and towards sustainable primary production and processing systems that can produce more food and other bio-based products with minimised inputs, environmental impact and greenhouse gas emissions, enhanced ecosystem services, zero-waste and adequate societal value. A critical effort of interconnected research and innovation is a key element for this to happen, in Europe and beyond. ***To that end, and especially as regards twinning and networking of researchers and innovators, the specific circumstances of the outermost regions must be taken into account.***

Justification

As stated in the general communication on Horizon 2000 (COM(2011)0808), the specific circumstances of the outermost regions must be taken into account, especially as regards twinning and networking of researchers and innovators.

Amendment 57
Nuno Teixeira

Proposal for a regulation
Annex 1 – section 3 – point 3 – point 3.2 – paragraph 2

Text proposed by the Commission

Speeding up this development will require a strategic approach at Union level, spanning energy supply, demand and use in buildings, services, transport and industrial value chains. This will entail aligning resources across the Union, including cohesion policy funds, in particular through the national and regional strategies for smart specialisation, emission trading schemes (ETS), public procurement and other financing mechanisms. It will also require regulatory and deployment policies for renewables and energy efficiency, tailored technical assistance and capacity-building to remove non-technological barriers.

Amendment

Speeding up this development will require a strategic approach at Union level, spanning energy supply, demand and use in buildings, services, transport and industrial value chains. This will entail aligning resources across the Union, including cohesion policy funds, in particular through the national and regional strategies for smart specialisation, emission trading schemes (ETS), public procurement and other financing mechanisms. It will also require regulatory and deployment policies for renewables and energy efficiency, tailored technical assistance and capacity-building to remove non-technological barriers. ***As regards the outermost regions, the possibility of incentives should be considered to enable them to develop renewable energy sources and hence tap their alternative energy potential while reducing their dependence on fossil energy.***

Justification

As proposed in the recent Commission communication of 20 June 2012 on the outermost regions (COM(2012)0287), avenues will be explored under the Structural Funds with a view

to financing renewables and enhanced energy efficiency in a form geared to those regions' specific features and needs.

Amendment 58

Jens Nilsson

Proposal for a regulation

Annex 1 – section 3 – point 5 – point 5.1 – paragraph 5

Text proposed by the Commission

The sustainable supply and resource efficient management of raw materials, including their exploration, extraction, processing, re-use, recycling and substitution, is essential for the functioning of modern societies and their economies. European sectors, such as construction, chemicals, automotive, aerospace, machinery and equipment, which provide a total added value of some EUR 1.3 trillion and employment for approximately 30 million people, heavily depend on access to raw materials. However, the supply of raw materials to the Union is coming under increasing pressure. **Furthermore, the Union is highly dependent on imports of strategically important raw materials, which are being affected at an alarming rate by market distortions. Moreover, the Union still** has valuable mineral deposits, whose exploration and extraction is limited by a lack of adequate technologies and **hampered by increased global competition**. Given the importance of raw materials for European competitiveness, the economy and for their application in innovative products, the sustainable supply and resource efficient management of raw materials is a vital priority for the Union.

Amendment

The sustainable supply and resource efficient management of raw materials, including their exploration, extraction, processing, re-use, recycling and substitution, is essential for the functioning of modern societies and their economies. European sectors, such as construction, chemicals, automotive, aerospace, machinery and equipment, which provide a total added value of some EUR 1.3 trillion and employment for approximately 30 million people, heavily depend on access to raw materials. However, the supply of raw materials to the Union is coming under increasing pressure. **The Union has valuable mineral deposits, whose exploration and extraction is limited by a lack of adequate technologies and transport infrastructure**. Given the importance of raw materials for European competitiveness, the economy and for their application in innovative products, the sustainable supply and resource efficient management of raw materials is a vital priority for the Union. **Access to European raw materials sources, often located in geographically remote areas, continues to be a challenge for industries dependent on a secure supply of such raw materials. Furthermore, the Union is highly dependent on imports of strategically important raw materials, which are being affected at an alarming rate by market distortions.**

Amendment 59
Jens Nilsson

Proposal for a regulation
Annex 1 – section 3 – point 5 – point 5.3 – point c – paragraph 1

Text proposed by the Commission

The aim is to improve the knowledge base on raw materials and develop innovative solutions for the cost-effective and environmentally friendly exploration, extraction, processing, recycling and recovery of raw materials and for their substitution by economically attractive alternatives with a lower environmental impact. Activities shall focus on: improving the knowledge base on the availability of raw materials; promoting the sustainable supply and use of raw materials; finding alternatives for critical raw materials; **and** improving societal awareness and skills on raw materials.

Amendment

The aim is to improve the knowledge base on raw materials and develop innovative solutions for the cost-effective and environmentally friendly exploration, extraction, processing, recycling and recovery of raw materials and for their substitution by economically attractive alternatives with a lower environmental impact. Activities shall focus on: improving the knowledge base on the availability of raw materials; promoting the sustainable supply and use of raw materials; finding alternatives for critical raw materials; improving societal awareness and skills on raw materials; ***establishing and stimulating regional and national raw material clusters; addressing logistical challenges in connecting industries with raw materials sources.***