



EUROPEAN PARLIAMENT

2009 - 2014

Committee on the Environment, Public Health and Food Safety

2011/0401(COD)

25.6.2012

AMENDMENTS

35 - 154

Draft opinion
Cristian Silviu Buşoi
(PE429.556v01-00)

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))

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United in diversity

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Amendment 35
Yves Cochet, Jill Evans

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 **sustainable, competitive, and resilient**, 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. en

Amendment 36
David Casa

Proposal for a regulation
Recital 10

Text proposed by the Commission

(10) In the Communication 'A Budget for Europe 2020', the Commission proposed to **address with a single Common Strategic Framework for Research and Innovation the areas covered in the period 2007-2013 under the Seventh Framework Programme for Research and the innovation part of the Competitiveness and Innovation Framework Programme**, as well as the

Amendment

(10) In the Communication 'A Budget for Europe 2020', the Commission proposed to **group the three main sources of funding for research and innovation (the current 7th Framework Programme, the current innovation part of the Competitiveness and Innovation Programme as well as the European Institute of Innovation and Technology (EIT)) under a single**

European Institute of Innovation and Technology (EIT) *in order* to serve the Europe 2020 Strategy target of raising spending on Research and Development to 3 % of GDP by 2020. In that Communication, the Commission also committed to mainstream climate change into Union spending programmes and to direct at least 20 % of the Union budget to climate-related objectives. Climate action and resource efficiency are mutually reinforcing objectives for achieving sustainable development. The specific objectives relating to both should be complemented through the other specific objectives of Horizon 2020. As a result it is expected that at least 60% of the overall Horizon 2020 budget should be related to sustainable development. It is also expected that climate-related expenditure should exceed 35% of the budget, including mutually compatible measures improving resource efficiency. The Commission should provide information on the scale and results of support to climate change objectives. Climate-related expenditure under Horizon 2020 should be tracked in accordance with the methodology stated in that Communication.

Common Strategic Framework for Research and Innovation (CSF). The Commission thereby aims to serve the Europe 2020 Strategy target of raising spending on Research and Development to 3 % of GDP by 2020. In that Communication, the Commission also committed to mainstream climate change into Union spending programmes and to direct at least 20 % of the Union budget to climate-related objectives. Climate action and resource efficiency are mutually reinforcing objectives for achieving sustainable development. The specific objectives relating to both should be complemented through the other specific objectives of Horizon 2020. As a result it is expected that at least 60% of the overall Horizon 2020 budget should be related to sustainable development. It is also expected that climate-related expenditure should exceed 35% of the budget, including mutually compatible measures improving resource efficiency. The Commission should provide information on the scale and results of support to climate change objectives. Climate-related expenditure under Horizon 2020 should be tracked in accordance with the methodology stated in that Communication.

Or. en

Amendment 37

David Casa

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

Amendment

(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.

increasing the level of scientific excellence in Europe in order to strengthen the Union's ***position as a*** world-class science ***base***, 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.

Or. en

Amendment 38
Julie Girling

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

Amendment

(20) With the aim of deepening the relationship between science and society and ***re-establishing and deepening*** public confidence in science, Horizon 2020 should favour an ***active participation*** 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.

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Or. en

Amendment 39
Elena Oana Antonescu

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, ***particularly their benefits in terms of health and the environment***, 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.

Or. ro

Amendment 40
Cristina Gutiérrez-Cortines

Proposal for a regulation
Recital 20

Text proposed by the Commission

(20) With the aim of deepening the

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.

relationship between science and society, Horizon 2020 should favour **responsible research and innovation through the active participation of the societal actors (researchers, citizens and civil society, policy makers and industry) in the** research and innovation **process, notably** by **ensuring the uptake of the gender dimension; by** promoting science education, by **guaranteeing the respect of ethical legislation and promoting the emergence of an adherence to the highest ethical standards worldwide; by increasing the accessibility and re-use of the results of publicly funded research, in particular scientific publications and data; by** making scientific knowledge more accessible, by developing **a governance framework** that meet citizens' and civil society's concerns and expectations and **facilitates** their participation in Horizon 2020 activities.

Or. en

Amendment 41
Rolandas Paksas

Proposal for a regulation
Recital 20 a (new)

Text proposed by the Commission

Amendment

(20a) Accessibility of information and communication actions concerning Horizon 2020, including communication concerning supported projects and results, requires the provision of accessible formats for all. Accessible formats include, but are not limited to, large print, Braille, easy-to-read text, audio, video, and electronic format.

Or. en

Amendment 42
Julie Girling

Proposal for a regulation
Recital 21

Text proposed by the Commission

(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.

Amendment

(21) The implementation of Horizon 2020 should respond to the evolving opportunities and **development** from science and technology, industry, policies and society. As such, the agendas should be set in **cooperation** with stakeholders from all sectors concerned, and sufficient flexibility should be allowed for new developments, **however Horizon 2020 must recognise the need for leadership by European Institutions to ensure global competitiveness particularly in the area of biotechnology**. 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. en

Amendment 43
Vittorio Prodi

Proposal for a regulation
Recital 21

Text proposed by the Commission

(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

Amendment

(21) The implementation of Horizon 2020 should respond to the evolving opportunities and needs from science and technology, industry, policies, society **and environment**. 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

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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. en

Amendment 44
Frédérique Ries

Proposal for a regulation
Recital 22 a (new)

Text proposed by the Commission

Amendment

(22a) Horizon 2020 should also help persuade European researchers to remain in Europe, attract researchers from the whole world to Europe and make Europe a more attractive destination for the best researchers. Consideration should therefore be given at European level to establishing attractive, coordinated tax arrangements for researchers.

Or. fr

Amendment 45
Elena Oana Antonescu

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, ***particularly as a career prospect for young people***. Adequate attention should be paid to the European Charter for Researchers and Code of Conduct for the Recruitment of Researchers, together with other relevant

Research Area, while respecting their voluntary nature.

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

Or. ro

Amendment 46
Philippe Juvin

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, ***particularly its industrial and biomedical branches***, 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.

Or. fr

Amendment 47
Anna Záborská, Miroslav Mikolášik

Proposal for a regulation
Recital 23

Text proposed by the Commission

(23) ***The activities developed under*** Horizon 2020 should ***aim at promoting equality*** between men and women ***in research and innovation, by addressing in particular the underlying causes of gender imbalance, by exploiting the full potential of both female and male researchers, and by integrating the gender***

Amendment

(23) Horizon 2020 ***funded research activities*** should ***comply with the EU acquis communautaire with regard to equal opportunities*** between men and women. ***Horizon 2020 should pay attention to excellent science and to professional qualification of scientific and research personal of both sex involved in***

dimension into the content of projects in order to improve the quality of research and stimulate innovation. Activities should also aim at the implementation of the principles relating to the equality between women and men as laid down in Articles 2 and 3 of the Treaty on European Union and Article 8 TFEU.

research and innovation. In order to assure the effective use of EU funding, the principal distinction for EU research funding should be the excellence of science project and the professional qualification of the research staff.

Or. en

Amendment 48
Frédérique Ries

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 ***reasoned, regularly updated*** opinions of the European Group on Ethics in Science and New Technologies should be taken into account, ***which entails, as a prerequisite, a transparent method of selection underpinned by the independence and scientific expertise of the members of the European Group on Ethics in Science and New Technologies (EGE)***. 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.

Or. fr

Amendment 49
Chris Davies

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

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Or. en

Justification

The political goal of reduction and ultimate replacement of animal use should be linked to the practical approach that will be needed to make this goal a reality.

Amendment 50
Anna Záborská, 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

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

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TFEU and reduce the use of animals in research and testing, with a view ultimately to replacing animal use. ***Horizon 2020 funding of research activities must respect the legislative provisions 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.

(EU Framework Programs must respect the national constitutional law of Member States when establishing funding for research. EU cannot fund research which is not authorized in Member States.)

Or. en

Amendment 51
Elisabetta Gardini, Oreste Rossi

Proposal for a regulation
Recital 25

Text proposed by the Commission

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

Amendment

(25) ***Stem cell therapies have been shown to be effective in certain fields, especially in regenerative medicine. The Union should, therefore, continue to support such research. However, the European Commission acknowledges the ethical concerns raised by research on human embryonic stem cells, for which reason it explicitly*** does not solicit the use of human embryonic stem cells. The use of ***adult*** human stem cells, ***with particular reference to cord blood stem cells and induced pluripotent stem cells***, if any, depends on the *judgment* 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. 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.

Or. it

Amendment 52
Frédérique Ries

Proposal for a regulation
Recital 25

Text proposed by the Commission

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

Amendment

(25) The European Commission **is concerned about matters of fairness in** the use of human stem cells, **whether adult, embryonic or from the umbilical cord.** The use of human stem cells, be they adult or embryonic, if any, depends on the judgement of the scientists in view of the **therapeutic** objectives they want to achieve and is subject to stringent Ethics Review. **Projects** involving the use of human embryonic stem cells **may be funded provided that they have been duly approved by** the Member States.

Or. fr

Justification

Linked to the amendment to Article 16(4) concerning human stem cells.

Amendment 53
Alda Sousa

Proposal for a regulation
Recital 25

Text proposed by the Commission

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

Amendment

(25) 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. ***The creation and maintenance of public human embryonic stem cell banks should be considered.***

Or. pt

Amendment 54

Peter Liese, Richard Seeber

Proposal for a regulation

Recital 25

Text proposed by the Commission

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

Amendment

(25) ***Stem cell therapies have shown their added value in some cases, especially regenerative medicine. In particular stem cell from the umbilical cord and adult stem cells are already led to established treatment. Therefore the Union should continue to support such research. Priority should be given to explore existing or future alternatives to research on human embryonic stem cells, in particular, stem cells from the umbilical cord, induced pluripotent stem cells and adult stem cells.***

Or. en

Justification

The amendments built on amendments 1 and 6 of the draftsman - but take into account that it has been decided to limit the opinion strictly on the competence of ENVI Committee which is environment, health and food safety. The legal and ethical aspects are the competence of the Legal Affairs Committee. That it is why the amendment seeks to avoid any wording on the ethical question.

Amendment 55 **Cristian Silviu Buşoi**

Proposal for a regulation **Recital 25**

Text proposed by the Commission

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

Amendment

(25) ***Stem cell therapies have shown their strong added value, especially in regenerative medicine. Therefore, the Union should continue to support research in this area.*** The European Commission does not explicitly solicit the use of human embryonic stem cells. The use of human ***embryonic*** stem cells, 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. ***The Commission should actively support research aiming at developing alternatives to embryonic stem cells.***

Or. en

Justification

Correction of the proposed amendment in the draft opinion. The new wording doesn't refer to any specific alternative, leaving the door open to any existing or future alternative developed

by scientists.

Amendment 56

Anna Záborská, 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 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.

Amendment

(25) Attention should be paid to the considerable differences between national legislations of Member States with regard to research using human embryos and human embryonic stem cells. EU research policy should not lead to harmonize national legislation of Member States. The Commission should remind its declaration, with regard to the 7th FRP, to continue the current practice and not submit to the Regulatory Committee proposals for projects which include research activities which destroy human embryos, including for the procurement of stem cells¹. This commitment should be included in this Regulation in order to ensure legal continuity.

¹ Point 12 of the Commission statement regarding Article 6 annexed to Decision 1982/2006/EC of the European parliament and of the Council of 18 December 2006 concerning the 7th FRP of the EC for research, technological development and demonstration activities, OJ L 412, 30.12.2006, p.1.

Or. en

Justification

The purpose of this amendment is to give legal force to the EU Commissions commitment of stem cell research.

Amendment 57
Anna Záborská

Proposal for a regulation
Recital 25 a (new)

Text proposed by the Commission

Amendment

(25a) The European Court of Justice has ruled in case C-34/10¹ that EU law precludes human embryonic stem cells from being patented. In accordance to ECJ ruling in case C-34/10, embryonic stem cell research should be excluded of EU funding.

¹ Case C-34/10, Judgment of the Court (Grand Chamber) of 18 October 2011, Oliver Brüstle c. Greenpeace.

Or. en

Amendment 58
Frédérique Ries

Proposal for a regulation
Recital 25 a (new)

Text proposed by the Commission

Amendment

(25a) The Commission must take better account in the framework programme of research on cells extracted from umbilical cord blood (capacity for differentiation, proliferation and for autologous or allogeneic use, absence of immunological reaction in the patient receiving the cells), which have already been successfully used to treat certain conditions.

Or. fr

Justification

This amendment clarifies the view the rapporteur expresses in amendment No 6 concerning research on cells extracted from umbilical cord blood. The Horizon 2020 programme must advocate a 'third way' for research on these cells.

Amendment 59

Anna Záborská

Proposal for a regulation

Recital 25 b (new)

Text proposed by the Commission

Amendment

(25b) EU research policy and research funding must ensure that scientist whose research is funded by the EU tax payer's money also patent their inventions in the EU. As human embryonic stem cells are not patentable (cf ECJ case law C-34/10), this type of research should be excluded from EU funding to ensure a responsible use of tax payers money. Nevertheless, a Member State can decide to fund this research exclusively by its national budget and in accordance to its national legislation.

Or. en

Amendment 60

Frédérique Ries

Proposal for a regulation

Recital 25 b (new)

Text proposed by the Commission

Amendment

(25b) The recent discovery of induced pluripotent stem cells (iPSCs) has opened up a new avenue for research, over and beyond the opportunities for research on adult and embryonic stem cells that have existed for several years, and has thus

offered new hope to patients awaiting treatment. The European Union should therefore take action according to the following recommendations – it must:

- take account of the scientific community’s interest in all types of research;*
- strike a balance between these different ways of researching stem cells, without favouring any one over the others;*
- consider the ethical problems raised by each category of stem cells without prejudice.*

Or. fr

Amendment 61
Cristina Gutiérrez-Cortines

Proposal for a regulation
Recital 27 a (new)

Text proposed by the Commission

Amendment

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

Or. en

Justification

Multidisciplinary, interdisciplinary and transdisciplinary are crucial for advancing in science

and innovation. The complexity of the present problems cannot be often tackled by a scientific discipline or researchers alone. Consequently common objectives or common cognitive structures among disciplines and societal actors are regularly needed to find and develop the best solutions. For this reason, Horizon 2020 should not only foresee but also promote multidisciplinary and interdisciplinary.

Amendment 62
Frédérique Ries

Proposal for a regulation
Recital 27

Text proposed by the Commission

(27) SMEs constitute **a significant** source of innovation **and** growth in Europe. Therefore a strong participation of SMEs, as defined in Commission Recommendation 2003/361/EC of 6 May 2003, is needed in Horizon 2020. This should support the aims of the Small Business Act.

Amendment

(27) SMEs constitute **an essential** source of innovation, growth **and jobs** in Europe. Therefore a strong participation of SMEs, as defined in Commission Recommendation 2003/361/EC of 6 May 2003, is needed in Horizon 2020. This should support the aims of the Small Business Act.

Or. fr

Amendment 63
Richard Seeber, Judith A. Merkies

Proposal for a regulation
Recital 30

Text proposed by the Commission

(30) Horizon 2020 should promote cooperation with third countries based on common interest and mutual benefit. International cooperation in science, technology and innovation should be targeted to contribute to achieving the Europe 2020 objectives to strengthen competitiveness, contribute to tackling societal challenges and support Union external and development policies, including by developing synergies with

Amendment

(30) Horizon 2020 should promote cooperation with third countries based on common interest and mutual benefit. International cooperation in science, technology and innovation should be targeted to contribute to achieving the Europe 2020 objectives to strengthen competitiveness, contribute to tackling societal challenges and support Union external and development policies, including by developing synergies with

external programmes and contributing to the Union's international commitments such as the achievement of Millennium Development Goals.

external programmes and contributing to the Union's international commitments such as the achievement of Millennium Development Goals **and the RIO+20 targets**.

Or. en

Amendment 64

Cristina Gutiérrez-Cortines, Salvatore Tatarella, Françoise Grossetête

Proposal for a regulation

Recital 30 a (new)

Text proposed by the Commission

Amendment

(30a) The participation of research teams in different projects should be contemplated as the reinforcement of quality and the possibility of an international co-operation.

Or. en

Amendment 65

Julie Girling

Proposal for a regulation

Recital 32

Text proposed by the Commission

Amendment

(32) The need for a new approach to **control and** risk management **in** Union research funding was recognised by the European Council of 4 February 2011, **asking** for a new balance between trust and control and between risk-taking and risk avoidance. The European Parliament, in its Resolution of 11 November 2010 on simplifying the implementation of the Research Framework Programmes, called for a pragmatic shift towards administrative and financial simplification

(32) The need for a new approach to **develop an evidence-based** risk management **strategy as part of the** Union's research funding **strategy** was recognised by the European Council of 4 February 2011. **At this time the Council asked** for a new balance between trust and control and between risk-taking and risk avoidance. The European Parliament, in its Resolution of 11 November 2010 on simplifying the implementation of the Research Framework Programmes, called

and states that the management of European research funding should be more trust-based and risk-tolerant towards *participants*. The interim evaluation report of the Seventh Framework Programme for Research (2007-2013) concludes that a more radical approach is needed to attain a quantum leap *in simplification, and that the risk-trust balance needs to be redressed*.

for a pragmatic shift towards administrative and financial simplification and states that the management of European research funding should be more trust-based and risk-tolerant towards *researchers*. The interim evaluation report of the Seventh Framework Programme for Research (2007-2013) concludes that a more radical approach is needed to attain a quantum leap *toward simplified procedures that demonstrate the Union's trust in researchers and encourage them to take the risks needed for accelerated progress in science and technology*.

Or. en

Amendment 66
Philippe Juvin

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 development of specific *common European* 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.

Or. fr

Amendment 67
Yves Cochet, Jill Evans

Proposal for a regulation
Article 1 – paragraph 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 ***societal, economic and*** industrial potential of policies of innovation, research and technological development.

Or. en

Amendment 68
Cristina Gutiérrez-Cortines, Salvatore Tatarella

Proposal for a regulation
Article 2 – paragraph 1 – point e a (new)

Text proposed by the Commission

Amendment

(ea) 'Research infrastructures' (RI) "are facilities, resources, organisational systems and services that are used by the research communities to conduct research and innovation in their fields. Where relevant, they may be used beyond research, e.g. for education or public services. This includes: major scientific equipment (or sets of instruments); knowledge-based resources such as collections, archives or scientific data; e-infrastructures, such as data, computing and software systems, communication networks and systems to promote openness and digital trust; any other infrastructure of a unique nature essential to achieve excellence in research and innovation."

Justification

In order to have common definition referring to the concept of infrastructure, is needed to include in a legislative document the concept already in use that enlarge the traditional interpretation, linked with buildings and physical investment.

Amendment 69

Salvatore Tatarella, Cristina Gutiérrez-Cortines

Proposal for a regulation

Article 2 – paragraph 1 – point e a (new)

Text proposed by the Commission

Amendment

(ea) 'Trans - European technology transfer' means the transfer of scientific outcomes and technology between public and private bodies located in different EU Member States.

Or. en

Amendment 70

Cristina Gutiérrez-Cortines, Salvatore Tatarella

Proposal for a regulation

Article 2 – paragraph 1 – point e b (new)

Text proposed by the Commission

Amendment

(eb) 'Smart Specialization' means the concept for the development of the R&D and innovation policy of the European Union. The objective of smart specialization is to promote efficient and effective use of public investment using synergies among countries and regions and strengthening their innovation capacity. The smart specialization strategy is made of a multi-annual strategy program which goal is to develop a functional national or regional research

innovation system.

Or. en

Justification

The smart specialization is the exercise that needs to be done by the regions for the identification of their own capacities and the design of their future regional strategic program. It is a bottom up requirement that allows the transfer of funds from Structural Funds to Innovation and Horizon 20/20 program.

Amendment 71

Yves Cochet, Jill Evans

Proposal for a regulation

Article 4 – paragraph 1

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 private investment, creating new job opportunities and ensuring Europe's long-term *sustainability, economic development and resilience, social inclusion and industrial* competitiveness.

Or. en

Amendment 72

Karin Kadenbach

Proposal for a regulation

Article 4 – paragraph 1

Text proposed by the Commission

Horizon 2020 shall play a central role in

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 private investment, creating new job opportunities and ensuring Europe's long-term sustainable growth and competitiveness.

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, **better health and health outcomes and** ensuring Europe's long-term sustainable growth and competitiveness.

Or. en

Amendment 73

Cristina Gutiérrez-Cortines, Salvatore Tatarella, Françoise Grossetête

Proposal for a regulation

Article 4 – paragraph 1

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 private investment, **transferring research results to all the levels of education**, creating new job opportunities and ensuring Europe's long-term sustainable growth and competitiveness.

Or. en

Justification

Education is a very important Europe 2020 flagship. It is an essential tool for European strength. Transfers from science to education programs should be included.

Amendment 74

Salvatore Tatarella, Cristina Gutiérrez-Cortines

Proposal for a regulation
Article 4 – paragraph 1

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 private investment, creating new job opportunities and ensuring Europe's long-term sustainable growth and competitiveness. ***Trans - European technology transfer should be the main tool in achieving these goals.***

Or. en

Amendment 75
Yves Cochet, Jill Evans

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 an economy based on knowledge, ***sustainability*** 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.

Or. en

Amendment 76

Cristina Gutiérrez-Cortines, Salvatore Tatarella

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 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) ***and the instruments for the connexion between Research and Innovation and the Structural Funds should be implemented through programs, "Regions of Knowledge" and "Smart specialisations, both instruments should be located inside ERA, in order to create objective indicators for the stairs of excellence.***

Or. en

Justification

"Regions of Knowledge" and "Smart Specialisation" may be important instruments for the synergies between Structural Funds and Horizon 2020.

Amendment 77

Yves Cochet, Jill Evans

Proposal for a regulation

Article 5 – paragraph 1 a (new)

Text proposed by the Commission

Amendment

1a. This Regulation shall not fund the Commission's administrative expenditure to execute this programme, nor the

construction nor the operation of large European infrastructural projects, such as Galileo, GMES or ITER.

Or. en

Amendment 78

Jill Evans, Yves Cochet

Proposal for a regulation

Article 5 – paragraph 1 b (new)

Text proposed by the Commission

Amendment

1b. This Regulation shall not fund the development of genetically modified organisms for deliberate release into the environment, food or feed and related research activities and infrastructure.

Or. en

Amendment 79

Cristina Gutiérrez-Cortines, Salvatore Tatarella

Proposal for a regulation

Article 5 – paragraph 2 – subparagraph 1 – point c – point i (new)

Text proposed by the Commission

Amendment

i) Knowledge science and technology. Life sciences, Health, earth, environment, natural resources and food security.

Or. en

Justification

Difference between technologies, engineering sciences, research about human and social needs.

Amendment 80
Cristina Gutiérrez-Cortines, Salvatore Tatarella

Proposal for a regulation
Article 5 – paragraph 2 – subparagraph 1 – point c – point ii (new)

Text proposed by the Commission

Amendment

***ii) Social, Economic and Humanities.
Demographic challenges, education,
territorial issues, governance, culture,
digital contents, humanities, cultural
heritage and intangible knowledge areas.***

Or. en

Justification

Importance of intangible areas of knowledge as adaptation to global changes is needed.

Amendment 81
Oreste Rossi

Proposal for a regulation
Article 6 – paragraph 1

Text proposed by the Commission

Amendment

1. The financial envelope for the implementation of Horizon 2020 shall be EUR 87740 million, of which a maximum of EUR **86198** million shall be allocated to activities under Title XIX of the Treaty on the Functioning of the European Union (TFEU).

1. The financial envelope for the implementation of Horizon 2020 shall be EUR 87740 million, of which a maximum of EUR **86698** million shall be allocated to activities under Title XIX of the Treaty on the Functioning of the European Union (TFEU).

Or. it

(See Amendment to Annex II)

Amendment 82
Cristian Silviu Buşoi

Proposal for a regulation
Article 6 – paragraph 1

Text proposed by the Commission

1. The financial envelope for the implementation of Horizon 2020 shall be **EUR 87740** million, of which a maximum of **EUR 86198 million** shall be allocated to activities under Title XIX of the Treaty on the Functioning of the European Union (TFEU).

Amendment

1. The financial envelope for the implementation of Horizon 2020 shall be **XXX** million, of which a maximum of **98,2%** shall be allocated to activities under Title XIX of the Treaty on the Functioning of the European Union (TFEU).

Or. en

Amendment 83
Oreste Rossi

Proposal for a regulation
Article 6 – paragraph 2 – subparagraph 1 – point a

Text proposed by the Commission

(a) Excellent science, EUR **27818** million;

Amendment

(a) Excellent science, EUR **23818** million;

Or. it

(See Amendment to Annex II)

Amendment 84
Cristian Silviu Buşoi

Proposal for a regulation
Article 6 – paragraph 2 – subparagraph 1 – point a

Text proposed by the Commission

(a) Excellent science, **EUR 27818 million**;

Amendment

(a) Excellent science, **29,3%**;

Or. en

Amendment 85
Oreste Rossi

Proposal for a regulation
Article 6 – paragraph 2 – subparagraph 1 – point b

Text proposed by the Commission

Amendment

(b) Industrial leadership, EUR **20280** million;

(b) Industrial leadership, EUR **25280** million;

Or. it

(See Amendment to Annex II)

Amendment 86
Frédérique Ries

Proposal for a regulation
Article 6 – paragraph 2 – subparagraph 1 – point b

Text proposed by the Commission

Amendment

(b) Industrial leadership, EUR **20280** million;

(b) Industrial **and post-industrial** leadership, EUR **25280** million;

Or. en

Justification

It is important to take into account that post-industrialisation is already a fact in some Member States that have moved towards a post-industrial society with a dynamic services and hi-tech sectors. On the other hand, Europe, which is lagging behind its main competitors, needs to invest more in key industrial sectors, as heart of competitiveness, so it is simply good sense to have a more balanced budget spreading between two of the three priorities: industrial leadership and societal challenges.

Amendment 87
Cristian Silviu Buşoi

Proposal for a regulation
Article 6 – paragraph 2 – subparagraph 1 – point b

Text proposed by the Commission

Amendment

(b) Industrial leadership, **EUR 20280 million**;

(b) Industrial leadership, **25,2%**;

Or. en

Amendment 88
Oreste Rossi

Proposal for a regulation
Article 6 – paragraph 2 – subparagraph 1 – point c

Text proposed by the Commission

Amendment

(c) Societal challenges, EUR **35888** million.

(c) Societal challenges, EUR **34388** million.

Or. it

(See Amendment to Annex II)

Amendment 89
Frédérique Ries

Proposal for a regulation
Article 6 – paragraph 2 – subparagraph 1 – point c

Text proposed by the Commission

Amendment

(c) Societal challenges, EUR **35888** million.

(c) Societal challenges, EUR **30888** million.

Or. en

Justification

Linked with amendment at the article 6 – paragraph 2 – subparagraph 1 – point b in order to have a more balanced budgetary spreading. It is crucial to develop a strong industrial and post-industrial policy at the EU level if we want to meet the big societal challenges that European societies are facing now and for the coming decades (creating good and decent jobs and trying to improve quality of life of European citizens).

Amendment 90
Cristian Silviu Buşoi

Proposal for a regulation
Article 6 – paragraph 2 – subparagraph 1 – point c

Text proposed by the Commission

Amendment

(c) Societal challenges, **EUR 35888 million**.

(c) Societal challenges, **40,4%**.

Or. en

Amendment 91
Cristian Silviu Buşoi

Proposal for a regulation
Article 6 – paragraph 2 – subparagraph 2

Text proposed by the Commission

Amendment

The maximum overall amount for the Union financial contribution from Horizon 2020 to the non-nuclear direct actions of the Joint Research Centre shall be **EUR 2212 million**.

The maximum overall amount for the Union financial contribution from Horizon 2020 to the non-nuclear direct actions of the Joint Research Centre shall be **of 2,1% of the total budget**.

Or. en

Amendment 92
Oreste Rossi

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

Text proposed by the Commission

Amendment

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

The European Institute of Innovation and Technology shall be financed through a maximum contribution from Horizon 2020 of EUR **2524** million as set out in Annex II. A first allocation of EUR **1042** 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).

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 **1482** 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).

Or. it

(See Amendment to Annex II)

Amendment 93
Cristian Silviu Buşoi

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**

Amendment

The European Institute of Innovation and Technology shall be financed through a maximum contribution from Horizon 2020 of **3% of the total budget as set out in Annex II.**

paragraph 2(b) and from the amount for the priority on societal challenges set out in 2(c).

Or. en

Amendment 94
Cristian Silviu Buşoi

Proposal for a regulation
Article 6 – paragraph 3 – subparagraph 2

Text proposed by the Commission

Amendment

This funding in two multiannual allocations shall cover: **deleted**

(a) in the first allocation, the ongoing developments of the current Knowledge and Innovation Communities (hereinafter KICs) and seed money for the launch of the second wave of three new KICs

(b) in the second allocation, the ongoing developments of the KICs already launched and the seed money for the launch of the third wave of three new KICs

Or. en

Amendment 95
Cristian Silviu Buşoi

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

Text proposed by the Commission

Amendment

The second allocation shall be made available following the review set out in Article 26(1) taking into account in particular: **deleted**

(a) the agreed timing of the creation of

the third wave of KICs;

(b) the programmed financial needs of the existing ones according to their specific development;

(c) the contribution of the European Institute of Innovation and Technology and its KICs to the Horizon 2020 objectives.

Or. en

Amendment 96

Radvilė Morkūnaitė-Mikulėnienė

Proposal for a regulation

Article 6 – paragraph 5

Text proposed by the Commission

5. In order to respond to unforeseen situations or new developments and needs, and to take into account the provisions of paragraph 3 of this article, the Commission may, following the interim evaluation of Horizon 2020 as referred to in Article 26(1)(a) of this Regulation, within the annual budgetary procedure review the amounts set out for the priorities in paragraph 2 and the indicative breakdown by specific objectives within these priorities set out in Annex II and transfer appropriations between the priorities and specific objectives up to **10** % of the total initial allocation of each priority and up to **10** % of the initial indicative breakdown of each specific objective. This does not concern the amount set out for the direct actions of the Joint Research Centre in paragraph 2 or the contribution to the European Institute of Innovation and Technology set out in paragraph 3.

Amendment

5. In order to respond to unforeseen situations or new developments and needs, and to take into account the provisions of paragraph 3 of this article, the Commission may, following the interim evaluation of Horizon 2020 as referred to in Article 26(1)(a) of this Regulation, within the annual budgetary procedure review the amounts set out for the priorities in paragraph 2 and the indicative breakdown by specific objectives within these priorities set out in Annex II and transfer appropriations between the priorities and specific objectives up to **5** % of the total initial allocation of each priority and up to **5** % of the initial indicative breakdown of each specific objective. This does not concern the amount set out for the direct actions of the Joint Research Centre in paragraph 2 or the contribution to the European Institute of Innovation and Technology set out in paragraph 3.

Or. en

Amendment 97
Frédérique Ries

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 **political**, economic and geographical links to the Union;

Or. fr

Amendment 98
Oreste Rossi

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

Text proposed by the Commission

Amendment

(iiia) have a legal system based on democratic principles and an efficient civil service;

Or. it

Amendment 99
Oreste Rossi

Proposal for a regulation
Article 12 – paragraph 1

Text proposed by the Commission

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

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; ***representatives from industry (especially in the case of EIIIs)***; forward looking activities; targeted

that ensure responsible research and innovation is supported.

public consultations; and transparent and interactive processes that ensure responsible research and innovation is supported.

Or. it

Amendment 100
Petru Constantin Luhan

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; ***active consultation of organisations of persons with disabilities***, and transparent and interactive processes that ensure responsible research and innovation is supported.

Or. en

Justification

In order to produce research which is useful and meaningful to society, it is vital that persons with disabilities and their representative organisations are fully included in Horizon 2020 decision-making process. This is crucial if we want to ensure that European research delivers results in line with the needs of society and citizens, especially persons with disabilities. No mention is currently made of involving persons with disabilities and their representative organisations in Horizon 2020 research and the proposal should be amended as proposed.

Amendment 101
Karin Kadenbach

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 **(e.g. of patient organizations where health research is concerned)**; and transparent and interactive processes that ensure responsible research and innovation is supported.

Or. en

Amendment 102
Corinne Lepage

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; **non-profit civil society platforms**; 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.

Or. en

Amendment 103
Rolandas Paksas

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; ***active consultation of organisations of persons with disabilities***, and transparent and interactive processes that ensure responsible research and innovation is supported.

Or. en

Amendment 104
Corinne Lepage

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

Text proposed by the Commission

Amendment

1a. Building on the work initiated under the Science and Society theme of the Seventh Framework Programme, Horizon 2020 should ensure the participation of civil society organisations both in the definition of research priorities and in the design of certain work programmes, and, where relevant, in research activities through specific calls for projects.

Or. en

Amendment 105
Corinne Lepage

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

Text proposed by the Commission

Amendment

1b. To ensure the societal relevance of research needs and priorities established under societal challenges, the Commission shall set up platforms for dialogue between civil society representatives and researchers.

Or. en

Amendment 106
Cristina Gutiérrez-Cortines, Salvatore Tatarella

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

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 a systemic approach of the spatial, urban and territorial issues, 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.

Or. en

Justification

Territory a spatial dimension, (land use, region and cities), is completely missing in the program. This is a key and central element of the societal challenges and must be integrated in all the actions.

Amendment 107

Anna Záborská, 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 research into European legal systems***, to cooperation with third countries, to ***ethical*** responsible research and innovation including ***the respect of equal opportunities between men and women in research***, to enhancing the attractiveness of the research profession ***for both sexes*** and to facilitating cross-border and cross-sector mobility of researchers.

Or. en

Amendment 108

Corinne Lepage

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 ***climate change, healthy seas and oceans and sustainable development***, 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.

Or. en

Amendment 109
Corinne Lepage

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

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.

including gender, *to more inclusive governance of research, to participatory research*, and to enhancing the attractiveness of the research profession and to facilitating cross-border and cross-sector mobility of researchers.

Or. en

Amendment 110

Yves Cochet, Jill Evans

Proposal for a regulation

Article 13 – paragraph 1 a (new)

Text proposed by the Commission

Amendment

1a. To ensure that cross-cutting concerns are properly considered in the implementation of Horizon 2020, the Commission shall perform not only an economical but also societal, ethical and sustainability assessment and evaluation of the specific research programmes as part of regular monitoring and evaluation of Horizon 2020.

Or. en

Amendment 111

Cristina Gutiérrez-Cortines, Salvatore Tatarella, Françoise Grossetête

Proposal for a regulation

Article 14 – paragraph 1

Text proposed by the Commission

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 innovation includes business, organisational and social

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.

aspects *and transfer of science results to all the levels of education and training.*

Or. en

Justification

If Europe wants to have a competitive training and education we need to transfer the results of research to the programs.

Amendment 112
Cristina Gutiérrez-Cortines

Proposal for a regulation
Article 14 a (new)

Text proposed by the Commission

Amendment

Article 14 a

Responsible research and innovation

In order to guarantee a harmonious and efficient relation between science and society, Horizon 2020 shall actively promote responsible research and innovation. This means promoting a governance framework that encourages the societal actors to work together during the whole research and innovation process in order to better align it, as well as the results and impacts, with the expectations, needs and values of society. This governance framework encompasses in particular:

(a) ensuring an effective public engagement to enhance research and innovation, including participatory research where societal actors co-produce knowledge in order to responds to society needs;

(b) up taking of gender dimension referred to in Article 15;

(c) providing free on-line access and re-use of scientific information as referred to

in Article 15b;

(d) equipping through education future researchers and other societal actors with the necessary knowledge and tools to fully participate and take responsibility in the research and innovation process;

(e) ensuring the compliance with the ethical principles referred to in Article 16 (1).

Or. en

Amendment 113

Anna Záborská, Miroslav Mikolášik

Proposal for a regulation

Article 15 – title

Text proposed by the Commission

Gender equality

Amendment

Equal opportunities between men and women in research

Or. en

Amendment 114

Anna Záborská, Miroslav Mikolášik

Proposal for a regulation

Article 15 – paragraph 1

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 ***must respect scientific excellence and professional qualification of research professionals when promoting equal opportunities for men and women*** in research and innovation content.

Or. en

Amendment 115
Rolandas Paksas

Proposal for a regulation
Article 15 – paragraph 1 a (new)

Text proposed by the Commission

Amendment

Horizon 2020 shall take appropriate steps to prevent any discrimination based on sex, racial or ethnic origin, religion or belief, disability, age in research and innovation content, including measures to remove barriers to accessibility for persons with disabilities.

Or. en

Amendment 116
Radvilė Morkūnaitė-Mikulėnienė

Proposal for a regulation
Article 15 a (new)

Text proposed by the Commission

Amendment

Article 15 a

Equality of Researchers

Horizon 2020 shall contribute to the attractiveness of researchers' careers across Europe. As a result it shall be implemented in a manner to promote the creation of a single market for researchers in particular by providing for appropriate mechanisms to decrease the disparities in researcher's remuneration.

Or. en

Amendment 117
Petru Constantin Luhan

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

Text proposed by the Commission

All the research and innovation activities carried out under Horizon 2020 shall comply with ethical principles and relevant national, Union and international legislation, including the Charter of Fundamental Rights of the European Union and the European Convention on Human Rights **and** its Supplementary Protocols.

Amendment

All the research and innovation activities carried out under Horizon 2020 shall comply with ethical principles and relevant national, Union and international legislation, including the Charter of Fundamental Rights of the European Union and the European Convention on Human Rights, its Supplementary Protocols **as well as the United-Nations Convention on the Rights of Persons with Disabilities.**

Or. en

Justification

On 23rd December 2010, the EU concluded the United-Nations Convention on the Rights of Persons with Disabilities which entered into force on 22nd January 2011. It is the first Human Rights Treaty concluded by the EU and all EU policy and legislative acts should comply with this international Convention.

Amendment 118
Chris Davies

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

Text proposed by the Commission

All the research and innovation activities carried out under Horizon 2020 shall comply with ethical principles and relevant national, Union and international legislation, including the Charter of Fundamental Rights of the European Union and the European Convention on Human Rights and its Supplementary Protocols.

Amendment

All the research and innovation activities carried out under Horizon 2020 shall comply with ethical principles and relevant national, Union and international legislation, including the Charter of Fundamental Rights of the European Union and the European Convention on Human Rights and its Supplementary Protocols. **Research activities shall 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, including through strategic development, integration and use of innovative, non-animal tools and technologies.

Or. en

Amendment 119
Rolandas Paksas

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

Text proposed by the Commission

All the research and innovation activities carried out under Horizon 2020 shall comply with ethical principles and relevant national, Union and international legislation, including the Charter of Fundamental Rights of the European Union and the European Convention on Human Rights *and* its Supplementary Protocols.

Amendment

All the research and innovation activities carried out under Horizon 2020 shall comply with ethical principles and relevant national, Union and international legislation, including the Charter of Fundamental Rights of the European Union and the European Convention on Human Rights, its Supplementary Protocols *as well as the United-Nations Convention on the Rights of Persons with Disabilities.*

Or. en

Amendment 120
Petru Constantin Luhan

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 *based on sex, racial or ethnic origin, religion or belief, disability, age* and the need to ensure high levels of

human health protection.

Or. en

Amendment 121
Oreste Rossi

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 **and animal** cloning for reproductive purposes;

Or. it

Amendment 122
Anna Záborská, 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 123
Anna Záborská, 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 124

Anna Záborská, 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 125

Carl Schlyter

Proposal for a regulation

Article 16 – paragraph 3 – point c a (new)

Text proposed by the Commission

Amendment

(ca) research classified as causing severe suffering to vertebrate animals;

Or. en

Justification

The EU should not fund research that causes severe suffering to vertebrate animals.

Amendment 126

Anna Záborská, Miroslav Mikolášik

Proposal for a regulation

Article 16 – paragraph 3 – point c b (new)

Text proposed by the Commission

Amendment

(cb) research using human embryonic stem cells;

Or. en

Amendment 127

Carl Schlyter

Proposal for a regulation

Article 16 – paragraph 3 – point c b (new)

Text proposed by the Commission

Amendment

(cb) involving wild-caught or F1 non-human primates;

Or. en

Justification

The EU should not fund research involving wild-caught or F1 non-human primates.

Amendment 128

Carl Schlyter

Proposal for a regulation

Article 16 – paragraph 3 – point c c (new)

Text proposed by the Commission

Amendment

(cc) research on mammals or birds involving deliberate maternal deprivation;

Or. en

Justification

The EU should not fund research on mammals or birds involving deliberate maternal deprivation.

Amendment 129
Glenis Willmott

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 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.

Amendment

4. ***Stem cell research is a promising avenue to treating or curing many neurodegenerative and chronic diseases.*** Research on human stem cells, both adult and embryonic, may be financed, depending both on the contents of the 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.

Or. en

Amendment 130
Alda Sousa

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 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.***

Amendment

4. Research on human stem cells, both adult and embryonic, may be financed, depending both on the contents of the scientific proposal and the legal framework of the Member States involved. ***Research and funding priorities shall be defined in accordance with the evidence provided by acquired scientific knowledge.***

Or. pt

Justification

The priorities attached to research and its funding should evolve hand-in-hand with acquired scientific knowledge and not be defined and closed from the outset for a long period of time.

Amendment 131

Elisabetta Gardini, Oreste Rossi

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 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.

Amendment

4. Research ***activities aiming at developing and improving therapies based on adult human stem cells will be supported. Funding for research on adult human stem cells may be granted***, depending both on the contents of the scientific proposal and the legal framework of the Member States involved. ***In particular, research on stem cells from umbilical cord blood and induced pluripotent stem cells will be supported.*** 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. it

Amendment 132

Frédérique Ries

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 scientific proposal and the legal framework of the Member States involved. No funding

Amendment

4. Research on human stem cells, ***whether adult, embryonic or from the umbilical cord, may be financed***, depending both on the contents of the scientific proposal and the legal framework of the Member States

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.

involved. ***Research on embryonic stem cells may only be carried out using supernumerary embryos conceived via in vitro fertilisation, and which are not needed for the purposes of reproduction.***

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. ***However, medical research on all types of stem cell shall be funded in Member States where such activity is authorised.***

Or. fr

Justification

It is important to adopt an objective, tolerant approach with regard to the sensitive issue of supernumerary embryos: some countries have banned research on embryonic and foetal stem cells outright, others have taken a more nuanced attitude by allowing the use of supernumerary embryos, and still others allow research on stem cells from supernumerary embryos less than 14 days old.

Amendment 133 Peter Liese

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 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.***

Amendment

4. Research ***activities aiming at developing and improving therapies based on human stem cells will be supported. In particular, research on stem cells from the umbilical cord, induced pluripotent stem cells and adult stem cells as any potential future alternatives to embryonic stem cells will be supported.***

Or. en

Justification

The amendments built on amendments 1 and 6 of the draftsman - but take into account that it has been decided to limit the opinion strictly on the competence of ENVI Committee which is environment, health and food safety. The legal and ethical aspects are the competence of the Legal Affairs Committee. That is why the amendment seeks to avoid any wording on the ethical question.

Amendment 134 **Cristian Silviu Buşoi**

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 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.

Amendment

4. Research **activities aiming at developing and improving therapies based on human stem cells will be supported. Funding for research on human embryonic stem cells** may be financed, depending both on the contents of the 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.

Or. en

Amendment 135 **Anna Záborská, 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 scientific proposal and the legal framework of the Member States involved. No funding

Amendment

4. Research on **other types of** human stem cells may be financed, depending both on the contents of the scientific proposal and the legal framework of the Member States involved. No funding shall be granted for

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.

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 136
Carl Schlyter

Proposal for a regulation
Article 16 – paragraph 4 a (new)

Text proposed by the Commission

Amendment

4a. Research on animal testing falling within the scope of Directive 2010/63/EU on the protection of animals used for scientific purposes shall be subject to a rigorous and transparent ethical and scientific merit review process, including full substantiation of claims regarding the relevance of animal models to the human situation.

Or. en

Justification

Pursuant to Directive 2010/63/EU on the protection of animals used for scientific purposes, a comprehensive project evaluation is required, taking into account also ethical considerations in the use of animals. The EU should only fund research on animal testing that has been subject to a rigorous and transparent ethical and scientific merit review process.

Amendment 137
Cristian Silviu Buşoi

Proposal for a regulation
Article 17 – paragraph 1

Text proposed by the Commission

Amendment

Horizon 2020 shall be implemented in a

Horizon 2020 shall be implemented in a

way which is complementary to other Union funding programmes, including the Structural Funds.

way which is complementary to other Union funding programmes, including the Structural Funds *and the Programme for the Competitiveness of Enterprises and SMEs (COSME)*.

Or. en

Justification

Complementary to amendment 9 in the draft opinion.

Amendment 138
Cristian Silviu Buşoi

Proposal for a regulation
Article 17 a (new)

Text proposed by the Commission

Amendment

Article 17 a

Strategic coordination

The Commission shall ensure strategic coordination of research and innovation activities under Horizon 2020, if necessary by setting up sectoral steering boards composed of leading researchers who will provide advice in the priority setting process.

Or. en

Justification

There is a need to ensure strategic coordination, especially in areas such as healthcare where innovation cycles are very long, even longer than the duration of the current programme. The Commission can work with leading researchers in setting the priorities for funding under Horizon 2020.

Amendment 139
Oreste Rossi

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 is expected to lead to around **30%** 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

Justification

It is important, strategically, that SME participation in the framework programme be stimulated to a far greater extent than envisaged by the Commission.

Amendment 140
Salvatore Tatarella, Cristina Gutiérrez-Cortines

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

Text proposed by the Commission

(a) the added value of action at Union level;

Amendment

(a) the added value of action at Union level, ***particularly the Trans - European nature***;

Or. en

Amendment 141
Yves Cochet, Jill Evans

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***

Amendment

(b) the ***potential*** scale of impact on ***addressing societal concerns***,

socio-economic issues;

*sustainability or industrial
competitiveness;*

Or. en

Amendment 142

Cristina Gutiérrez-Cortines, Salvatore Tatarella, Françoise Grossetête

Proposal for a regulation

Article 19 – paragraph 3 – point e a (new)

Text proposed by the Commission

Amendment

*(ea) Helping the creation and
strengthening of association networks of
researchers, patients and stakeholders in
order to improve the relations and
exchanges among them, concerned
sectors, institutions and civil society.*

Or. en

Amendment 143

Radvilė Morkūnaitė-Mikulėnienė

Proposal for a regulation

Article 19 – paragraph 3 a (new)

Text proposed by the Commission

Amendment

*3a. Public private partnerships will be
financed through open and competitive
calls.*

Or. en

Amendment 144

Oreste Rossi

Proposal for a regulation

Article 20 – paragraph 1 – subparagraph 2

Text proposed by the Commission

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

Amendment

Particular attention shall be paid to joint programming initiatives between Member ***States' regions, preferably ones forming part of the same Euroregion or the same EGTC established pursuant to Regulation (EC) No 1082/2006.***

Or. it

Amendment 145

Yves Cochet, Jill Evans

Proposal for a regulation

Article 21 – paragraph 2 – subparagraph 1

Text proposed by the Commission

Targeted actions with the objective of promoting cooperation with specific third countries or groups of third countries shall be implemented on the basis of common interest and mutual benefit, taking into account their scientific and technological capabilities and market opportunities, and the expected impact.

Amendment

Targeted actions with the objective of promoting cooperation with specific third countries or groups of third countries shall be implemented on the basis of common interest and mutual benefit, taking into account their scientific and technological capabilities and market opportunities, and the expected impact. ***These actions shall include, in particular, research capacity building in developing countries and cooperation projects focusing on these countries' specific needs in areas such as health – including research on neglected diseases – agriculture, fisheries and the environment, and implemented in financial conditions adapted to their capacities.***

Or. fr

Amendment 146

Yves Cochet, Jill Evans

Proposal for a regulation
Article 21 – paragraph 2 – subparagraph 3

Text proposed by the Commission

Cooperation priorities shall take into account developments in Union policy **and opportunities for cooperation with third countries, as well as possible deficiencies in third country intellectual property systems.**

Amendment

Cooperation priorities shall take into account developments in Union policy.

Or. fr

Amendment 147
Petru Constantin Luhan

Proposal for a regulation
Article 22 – paragraph 3 – point a

Text proposed by the Commission

(a) initiatives aimed at widening awareness and facilitating access to funding under Horizon 2020, in particular for those regions or types of participant that are underrepresented;

Amendment

(a) initiatives aimed at widening awareness and facilitating access to funding under Horizon 2020, in particular for those regions or types of participant that are underrepresented, **including researchers and participants with disabilities;**

Or. en

Amendment 148
Cristina Gutiérrez-Cortines

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

Text proposed by the Commission

Amendment

(aa) In order to simplify the access to information and to develop an instrument with all the information demanded by the research community and, having regard the need for a transparency, Cordis, as a

digital instrument should be revised and reformed in a more clear and flexible way. The New Cordis should be finished before June 2013.

Or. en

Justification

At the current time CORDIS is one of the most complex and difficult programs to deal with. If we want to make an easier access of society, researchers and companies to information, it is needed to review the program and to extend the information and make an easier access to all the proposals and grants.

Amendment 149
Elena Oana Antonescu

Proposal for a regulation
Article 22 – paragraph 3 – point e

Text proposed by the Commission

(e) initiatives to foster dialogue and debate on scientific, technological and innovation related issues with the public, and to take advantage of social media and other innovative technologies and methodologies.

Amendment

(e) initiatives to foster dialogue and debate on scientific, technological and innovation related issues with the public ***through involvement of the academic community***, and to take advantage of social media and other innovative technologies and methodologies, ***especially in order to help raise public awareness of the benefits of research and innovation in meeting society's challenges.***

Or. ro

Amendment 150
Karin Kadenbach

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, ***with the input of relevant outside stakeholders, e.g. patient organizations.*** This shall include information on cross-cutting topics such as sustainability and climate change, including information on the amount of climate related expenditure.

Or. en

Amendment 151
Corinne Lepage

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, ***marine and maritime research,*** including information on the amount of climate related expenditure.

Or. en

Amendment 152
Cristina Gutiérrez-Cortines

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 **responsible research and innovation including** sustainability and climate change, including information on the amount of climate related expenditure.

Or. en

Amendment 153

Cristian Silviu Buşoi

Proposal for a regulation

Article 26 – paragraph 1 – point a

Text proposed by the Commission

(a) Not later than end 2017, the Commission shall carry out, with the assistance of independent experts, a review of the European Institute of Innovation and Technology. The second allocation of funds to the European Institute of Innovation and Technology as set out in Article 6(3) shall be made available following this review. The review shall assess the progress of the European Institute of Innovation and Technology against all of the following:

(i) the level of consumption of the first allocation of funds set out in Article 6(3), differentiating between the amount of money used for the development of the first wave of KICs and the effect of the seed money for the second phase, and the ability of the European Institute of Innovation and Technology to attract funds from the partners in the Knowledge and Innovation Communities and from

Amendment

deleted

the private sector, as set out in Regulation XX/2012 [revised EIT Regulation];

(ii) the agreed timing for the creation of the third wave of Knowledge and Innovation Communities and the programmed financial needs of existing ones according to their specific development; and

(iii) the contribution of the European Institute of Innovation and Technologies and the Knowledge and Innovation Communities to the priority on societal challenges and the specific objective on ‘leadership in enabling and industrial technologies’ of the programme Horizon 2020.

Or. en

Amendment 154
Anna Záborská

Proposal for a regulation
Article 26 – paragraph 1 – point b

Text proposed by the Commission

(b) Not later than end 2017, and taking into account the ex-post evaluation of the Seventh Framework Programme to be completed by the end of 2015 and the review of the European Institute of Innovation and Technology, the Commission shall carry out, with the assistance of independent experts, an interim evaluation of Horizon 2020, its specific programme, including the European Research Council, and the activities of the European Institute of Innovation and Technology, on the achievements (at the level of results and progress towards impacts) of the objectives of Horizon 2020 and continued relevance of all the measures, the efficiency and use of resources, the scope for further

Amendment

(b) Not later than end 2017, and taking into account the ex-post evaluation of the Seventh Framework Programme to be completed by the end of 2015 and the review of the European Institute of Innovation and Technology, the Commission shall carry out, with the assistance of independent experts, an interim evaluation of Horizon 2020, its specific programme, including the European Research Council, and the activities of the European Institute of Innovation and Technology, on the achievements (at the level of results and progress towards impacts) of the objectives of Horizon 2020 and continued relevance of all the measures, the efficiency and use of resources, the scope for further

simplification, and Union added value. That evaluation shall also take into consideration aspects relating to access to funding opportunities for participants in all regions, for SMEs and for promoting **gender balance**. That evaluation shall additionally take into account the contribution of the measures to the Union priorities of smart, sustainable and inclusive growth and results on the long-term impact of the predecessor measures.

simplification, and Union added value. That evaluation shall also take into consideration aspects relating to access to funding opportunities for participants in all regions, for SMEs and for promoting **equal opportunities between men and women**. That evaluation shall additionally take into account the contribution of the measures to the Union priorities of smart, sustainable and inclusive growth and results on the long-term impact of the predecessor measures.

Or. en