



EUROPEAN PARLIAMENT

2009 - 2014

Committee on the Environment, Public Health and Food Safety

2010/2245(INI)

21.2.2011

AMENDMENTS

1 - 37

Draft opinion
João Ferreira
(PE458.831v01-00)

Innovation Union: Transforming Europe for a post-crisis world
(2010/2245(INI))

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EN

United in diversity

EN

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Amendment 1
Kriton Arsenis

Draft opinion
Paragraph 1

Draft opinion

1. Considers that innovation, in all fields of knowledge and of economic and social activity, must be **guided by the criteria** of public **interest**, improvement of quality of life, promotion of social wellbeing and preservation of the environment and the balance of nature;

Amendment

1. Considers that innovation, in all fields of knowledge and of economic and social activity, must be **directed to the provision** of public **goods, such as** improvement of quality of life, promotion of social wellbeing and preservation of the environment and the balance of nature, **in accordance with the European Charter of Fundamental Rights, the precautionary principle and the needs of future generations**;

Or. en

Amendment 2
Adina-Ioana Vălean

Draft opinion
Paragraph 1

Draft opinion

1. Considers that innovation, in all fields of knowledge and of economic **and social** activity, **must be guided by the criteria** of public interest, improvement **of** quality of life, **promotion of social wellbeing** and preservation of the environment **and the balance of nature**;

Amendment

1. Considers that innovation, in all fields of knowledge and of economic activity **should promote** public interest, improvement **in the** quality of life, and preservation of the environment;

Or. en

Amendment 3
Bas Eickhout

Draft opinion
Paragraph 1 a (new)

Draft opinion

Amendment

1a. Reiterates the role of environmental standards and minimum requirements as drivers for innovation; considers that ambitious environmental regulation is a prerequisite for innovation in environmental technologies, resource efficiency and conceptual changes relating to material use;

Or. en

Amendment 4
Adina-Ioana Vălean

Draft opinion
Paragraph 1 a (new)

Draft opinion

Amendment

1a. Welcomes the Commission Communication on Innovation Union as a flagship of the EU2020 strategy for jobs and growth, and stresses the importance of avoiding the mistakes of the previous 10-year strategic period in the implementation of the EU2020 strategy;

Or. en

Amendment 5
Kriton Arsenis

Draft opinion
Paragraph 3

Draft opinion

3. Emphasises that the areas of the environment, public health and food safety are among those most in need of an enhanced innovation effort involving a reinforcement of the existing scientific and technological base; stresses that the EU's future research and innovation programmes will need to take those areas into account in appropriate fashion ***and in ways proportionate*** to the ***enormous challenges that face us***;

Amendment

3. Emphasises that the areas of the ***protection of*** environment, public health and food safety ***as well as the fight against climate change*** are among those most in need of an enhanced innovation effort involving a reinforcement of the existing scientific and technological base; stresses that the EU's future research and innovation programmes will need to take those areas into account in appropriate fashion; to ***this end, underlines the need to adopt a cross-sectoral approach based on ecosystem resilience***;

Or. en

Amendment 6
Bas Eickhout

Draft opinion
Paragraph 3 a (new)

Draft opinion

3a. Calls for the introduction of market based instruments (taxes, charges, etc) both at EU and Member State level to incorporate environmental externalities to product prices in order to foster innovation towards more environmentally friendly consumption and behaviour;

Or. en

Amendment 7
Edite Estrela

Draft opinion
Paragraph 4

Draft opinion

4. Suggests as examples of priority fields on which greater efforts should be targeted in the context of developing capacities in science, technology and innovation (STI): efficient resource use; resource scarcity; exploitation and disposal of waste; climate change; the preservation of nature and biodiversity; food quality and safety; demographic change; and new epidemics;

Amendment

4. Suggests as examples of priority fields on which greater efforts should be targeted in the context of developing capacities in science, technology and innovation (STI): efficient resource use; resource scarcity; exploitation and disposal of waste; climate change **and natural disaster risk**, the preservation of nature and biodiversity; food quality and safety; demographic change; and new epidemics;

Or. pt

Amendment 8
Kriton Arsenis

Draft opinion
Paragraph 4

Draft opinion

4. Suggests as examples of priority fields on which greater efforts should be targeted in the context of developing capacities in science, technology and innovation (STI): efficient resource use; resource scarcity; exploitation and disposal of waste; climate change; the preservation of nature and biodiversity; food quality and safety; demographic change; and new epidemics;

Amendment

4. Suggests as examples of priority fields on which greater efforts should be targeted in the context of developing capacities in science, technology and innovation (STI): efficient resource use; **ecosystem restoration**; resource scarcity; exploitation and disposal of waste; climate change **and desertification**; the preservation of nature and biodiversity; food quality and safety; demographic change; and new epidemics;

Or. en

Amendment 9
Rovana Plumb

Draft opinion
Paragraph 4

Draft opinion

4. Suggests as examples of priority fields on which greater efforts should be targeted in the context of developing capacities in science, technology and innovation (STI): efficient resource use; resource scarcity; **exploitation** and **disposal** of waste; climate change; the preservation of nature and biodiversity; food quality and safety; demographic change; and new epidemics;

Amendment

4. Suggests as examples of priority fields on which greater efforts should be targeted in the context of developing capacities in science, technology and innovation (STI): efficient resource use; resource scarcity; **recovery** and **recycling** of waste; climate change; the preservation of nature and biodiversity; food quality and safety; demographic change; and new epidemics;

Or. ro

Amendment 10
Kriton Arsenis

Draft opinion
Paragraph 5

Draft opinion

5. Believes that investment in developing and reinforcing STI capacities is not merely a means of acting on innovative ideas that can be converted into products and services to be launched on the market, but **also** a necessary means of response to a number of the problems and challenges now confronting humanity;

Amendment

5. Believes that investment in developing and reinforcing STI capacities is not merely a means of acting on innovative ideas that can be converted into products and services to be launched on the market, but a necessary means of response to a number of the problems and challenges now confronting humanity;

Or. en

Amendment 11
Edite Estrela

Draft opinion
Paragraph 6

Draft opinion

6. Insists that innovation must be a key component of public policy in such fields

Amendment

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as the environment, water, energy, transport, telecommunications, health and education; stresses the need to promote the across-the-board dissemination and absorption of innovation, in the public sector, in private firms and especially SMEs, and in the social economy;

as the environment, water, energy, transport, telecommunications, health and education; stresses the need to promote the across-the-board dissemination and absorption of innovation, in the public sector, in private firms and especially SMEs, *with particular reference to knowledge-based firms*, and in the social economy;

Or. pt

Amendment 12
Rovana Plumb

Draft opinion
Paragraph 6

Draft opinion

6. Insists that innovation must be a key component of public policy in such fields as the environment, water, energy, transport, telecommunications, health and education; stresses the need to promote the across-the-board dissemination and absorption of innovation, in the public sector, in private firms and especially SMEs, and in the social economy;

Amendment

6. Insists that innovation must be a key component of public policy in such fields as the environment, water, energy, transport, telecommunications, health and education; stresses the need to promote the across-the-board dissemination and absorption of innovation, in the public sector, in private firms and especially SMEs, and in the *green* social economy;

Or. ro

Amendment 13
Adina-Ioana Vălean

Draft opinion
Paragraph 6

Draft opinion

6. Insists that innovation must be a key component of public policy in such fields as the environment, water, energy, transport, telecommunications, health and

Amendment

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education; stresses the need to promote the across-the-board dissemination and absorption of innovation, in the public sector, in private firms and especially SMEs, *and in the social economy*;

education; stresses the need to promote the across-the-board dissemination and absorption of innovation, in the public sector, in private firms and especially SMEs;

Or. en

Amendment 14
João Ferreira

Draft opinion
Paragraph 6 a (new)

Draft opinion

Amendment

6a. Calls on the Commission to leverage the resources of the Common Strategic Framework for EU Research and Innovation funding to ensure the sustainable implementation of the Biological and Medical Sciences Research Infrastructures as a public R&D service, oriented towards a better quality of life of the citizens, a way to advance on a knowledge-based society that can face the societal challenges in Europe;

Or. pt

Amendment 15
Rovana Plumb

Draft opinion
Paragraph 7

Draft opinion

Amendment

7. Considers that a greater emphasis on innovation policy represents an opportunity for the modernisation and reinforcement of public services in both existing and emerging fields, in a whole range of areas of economic and social life, thus boosting

7. Considers that a greater emphasis on innovation policy represents an opportunity for the modernisation and reinforcement of public services in both existing and emerging fields, in a whole range of areas of economic and social life, thus boosting

quality and efficiency, job creation, the fight against poverty and social exclusion, and economic, social and territorial cohesion;

quality and efficiency, **green** job creation, the fight against poverty and social exclusion, and economic, social and territorial cohesion;

Or. ro

Amendment 16
Adina-Ioana Vălean

Draft opinion
Paragraph 8

Draft opinion

8. Recalls that in areas including the environment, public health and food safety, **public** R & D institutions have an irreplaceable role to play in aiding the definition of sectoral public policies, in evaluating, minimising and administering **public** risks, and in certification, standardisation and regulation, among other tasks of crucial importance which need to be recognised and safeguarded;

Amendment

8. Recalls that in areas including the environment, public health and food safety, R & D institutions have an irreplaceable role to play in aiding the definition of sectoral public policies, in evaluating, minimising and administering risks, and in certification, standardisation and regulation, among other tasks of crucial importance which need to be recognised and safeguarded;

Or. en

Amendment 17
Adina-Ioana Vălean

Draft opinion
Paragraph 11 a (new)

Draft opinion

Amendment

11a. Highlights the need to simplify access to EU programmes, to better coordinate them and to enhance their leverage effect on private sector investment. Stresses that the European Regional Development Fund should be fully exploited to develop research and innovation capacities across Europe;

Amendment 18
Adina-Ioana Vălean

Draft opinion
Paragraph 11 b (new)

Draft opinion

Amendment

11b. Welcomes the “European Innovation Partnerships” intended to increase and coordinate investments in R&D as well as to better co-ordinate public procurement to speed up the introduction of innovations into the market. Highlights however that procurement policies should be designed not to replace private markets or to distort competition but to leverage them, stimulating the diffusion of innovation, while keeping the markets open to move in new directions;

Or. en

Amendment 19
Adina-Ioana Vălean

Draft opinion
Paragraph 11 c (new)

Draft opinion

Amendment

11c. Stresses that innovation and R&D should mainly be financed through private capital. Welcomes the measures announced by the Commission to improve the market for venture capital;

Or. en

Amendment 20
Adina-Ioana Vălean

Draft opinion
Paragraph 11 d (new)

Draft opinion

Amendment

11d. Welcomes the Commission's proposal to develop financial instruments to attract a major increase of private investment in research and innovation by 2014. Welcomes the proposed collaboration with the European Investment Bank, national financial intermediaries and private investors to develop proposals addressing critical market gaps, including venture capital for fast growing firms, risk sharing finance for investments in R&D projects, and loans for innovative fast growing SMEs;

Or. en

Amendment 21
Adina-Ioana Vălean

Draft opinion
Paragraph 11 e (new)

Draft opinion

Amendment

11e. Highlights the need to remove remaining barriers for innovative and dynamic companies such as better access to early-risk financing, particularly for SMEs. Recognises that a functioning Internal Market is the most important boost for EU innovation;

Or. en

Amendment 22
Adina-Ioana Vălean

Draft opinion
Paragraph 13

Draft opinion

13. Considers that the advance of knowledge and its multiple applications do not eliminate the need for an open and participatory evaluation of the ethical, social and political implications of those applications; draws attention to the need to promote and disseminate scientific culture among the general public;

Amendment

deleted

Or. en

Amendment 23
Rovana Plumb

Draft opinion
Paragraph 13

Draft opinion

13. Considers that the advance of knowledge and its multiple applications do not eliminate the need for an open and participatory evaluation of the ethical, social and political implications of those applications; draws attention to the need to promote and disseminate scientific culture among the general public;

Amendment

13. Considers that the advance of knowledge and its multiple applications do not eliminate the need for an open and participatory evaluation of the ethical, social and political implications of those applications; draws attention to the need to promote and disseminate scientific culture among the general public, ***while factoring in the gender dimension;***

Or. ro

Amendment 24
Edite Estrela

Draft opinion
Paragraph 13 a (new)

Draft opinion

Amendment

13a. Considers that steps should be taken to support initiatives aimed at promoting scientific dialogue and the dissemination of findings among the widest possible public, in addition to the scientific community, increasing the role of civil society in research;

Or. pt

**Amendment 25
Adina-Ioana Vălean**

**Draft opinion
Paragraph 14 a (new)**

Draft opinion

Amendment

14a. Highlights that a coordinated approach at European level can be reasonable if the existence of economies of scale and scope and EU added value can be verified through an impact assessment. Stresses the need for a clearer and more effective coordination between member states and EU policies when it comes to R&D processes to avoid costly duplication and overlap. Therefore supports measures to remove obstacles to mobility and cross-border research activities;

Or. en

**Amendment 26
Adina-Ioana Vălean**

**Draft opinion
Paragraph 14 b (new)**

Draft opinion

Amendment

14b. Highlights the need to develop indicators that track progress in the field of innovation policy and allow for an evaluation of the performance of policy measures in place, following the example of the Research and Innovation Union scoreboard. Welcomes the proposal to monitor innovation progress in Member States under the framework of the “European semester”;

Or. en

Amendment 27
Adina-Ioana Vălean

Draft opinion
Paragraph 14 c (new)

Draft opinion

Amendment

14c. Considers that the absence of an EU patent is “a tax on innovation”, hampering aspiring young innovators in their search for partners to develop, finance, produce, and sell their breakthrough innovations. Highlights that a single EU patent regime would enable faster and cheaper patent applications for companies with innovative ideas and facilitate dispute settlement, enabling Europe to really compete in the global market place. Therefore encourages enhanced cooperation in this field, and urges all Member States to join such efforts;

Or. en

Amendment 28
Adina-Ioana Vălean

Draft opinion
Paragraph 14 d (new)

Draft opinion

Amendment

14d. Stresses that interoperable standards can contribute positively to growth and competition, especially when they are picked up by the market and not imposed top-down. Therefore considers that “smart” regulation in the form of standards can be a key driver for innovation, if regulations and standards are proportionate, future-proof and ‘technology-neutral’, and is conceived in a way that stimulates further innovation;

Or. en

Amendment 29
Cristina Gutiérrez-Cortines

Draft opinion
Paragraph 14 a (new)

Draft opinion

Amendment

14a. Stresses that in some sectors, such as that of health, the results of research have fed into innovation whenever science has allowed, and therefore considers that the Commission’s pessimism with regard to innovation is in many cases unjustified;

Or. es

Amendment 30
Cristina Gutiérrez-Cortines

Draft opinion
Paragraph 14 b (new)

Draft opinion

Amendment

14b. Given that innovation is usually closely linked to the market and develops through non-formal channels, believes that the EU should fine-tune its evaluation methods to reflect the fact that the same criteria cannot be used to assess every area;

Or. es

**Amendment 31
Cristina Gutiérrez-Cortines**

**Draft opinion
Paragraph 14 c (new)**

Draft opinion

Amendment

14c. Calls on the EU to conduct a study on the obstacles the EU itself has created to the development of research and innovation in Europe by reducing the expiry date for patents, the widespread introduction of the precautionary principle, giving legal form to the principle of substitution without any specific impact assessments and adopting the Reach Regulation without taking into account quality considerations or exemptions and without having checked for any adverse impact it might have on industrial activity;

Or. es

**Amendment 32
Cristina Gutiérrez-Cortines**

**Draft opinion
Paragraph 14 a (new)**

Draft opinion

Amendment

14a. Regrets that innovation protocols are subjected to long bureaucratic approval processes that slows down innovation, limits the competitiveness of the EU market and stops the development of scientific knowledge in the medical community deferring the benefits to patients;

Or. en

**Amendment 33
Cristina Gutiérrez-Cortines**

**Draft opinion
Paragraph 14 b (new)**

Draft opinion

Amendment

14b. Calls upon the Commission and Member States to define and implement policy frameworks aimed at stimulating rapid access for users to valuable innovations across the EU, ensuring that newly-found innovations can actually reach potential end-users within reasonable timeframes;

Or. en

**Amendment 34
Cristina Gutiérrez-Cortines**

**Draft opinion
Paragraph 14 c (new)**

Draft opinion

Amendment

14c. Stresses the importance of giving priority to revising the clinical trials directive in dialogue with researches, with

the aim of ensuring an improved regulatory framework for developing medicinal products and comparing alternative treatments with medicinal products in clinical research (as stated in the Council Conclusions on Innovation and Solidarity in Pharmaceuticals of Brussels, 6 December 2010);

Or. en

Amendment 35
Cristina Gutiérrez-Cortines

Draft opinion
Paragraph 14 d (new)

Draft opinion

Amendment

14d. Stresses the great importance of using new knowledge to create new and better ways to prevent, find, and treat cancer and to promote rapid mechanisms to make those discoveries available to patients;

Or. en

Amendment 36
Cristina Gutiérrez-Cortines

Draft opinion
Paragraph 14 e (new)

Draft opinion

Amendment

14e. Urges the European Commission to follow the recommendation of the Interim Evaluation of the Seventh Framework Programme (Expert Group) when it asks a moratorium on new instruments should be considered until the existing ones have been sufficiently developed and adequately evaluated, and care should be

taken to avoid a confusing proliferation of instruments;

Or. en

Amendment 37
Cristina Gutiérrez-Cortines

Draft opinion
Paragraph 14 f (new)

Draft opinion

Amendment

14f. Asks the European Commission to present to the European Parliament an external evaluation about the innovation instruments created inside the Seventh Framework Programme. Platforms, JETIs where the evaluation should include activities, calls, projects of innovation and results (if they exist) and the economic contribution from public and private funds;

Or. en