



EUROPEAN PARLIAMENT

2009 - 2014

Committee on Industry, Research and Energy

2011/0043(NLE)

17.8.2011

DRAFT REPORT

on the proposal for a Council decision concerning the specific programme, to be carried out by means of indirect actions, implementing the Framework Programme of the European Atomic Energy Community for nuclear research and training activities (2012 - 2013)
(COM(2011)0073 – C7-0075/2011 – 2011/0043(NLE))

Committee on Industry, Research and Energy

Rapporteur: Jan Březina

Symbols for procedures

- * Consultation procedure
- *** Consent procedure
- ***I Ordinary legislative procedure (first reading)
- ***II Ordinary legislative procedure (second reading)
- ***III Ordinary legislative procedure (third reading)

(The type of procedure depends on the legal basis proposed by the draft act.)

Amendments to a draft act

In amendments by Parliament, amendments to draft acts are highlighted in ***bold italics***. Highlighting in *normal italics* is an indication for the relevant departments showing parts of the draft act which may require correction when the final text is prepared – for instance, obvious errors or omissions in a language version. Suggested corrections of this kind are subject to the agreement of the departments concerned.

The heading for any amendment to an existing act that the draft act seeks to amend includes a third line identifying the existing act and a fourth line identifying the provision in that act that Parliament wishes to amend. Passages in an existing act that Parliament wishes to amend, but that the draft act has left unchanged, are highlighted in **bold**. Any deletions that Parliament wishes to make in such passages are indicated thus: [...].

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DRAFT EUROPEAN PARLIAMENT LEGISLATIVE RESOLUTION

on the proposal for a Council decision concerning the specific programme, to be carried out by means of indirect actions, implementing the Framework Programme of the European Atomic Energy Community for nuclear research and training activities (2012 - 2013)

(COM(2011)0073 – C7-0075/2011 – 2011/0043(NLE))

(Consultation)

The European Parliament,

- having regard to the Commission proposal to the Council (COM(2011)0073),
 - having regard to Article 7 of the Euratom Treaty, pursuant to which the Council consulted Parliament (C7-0075/2011),
 - having regard to Rule 55 of its Rules of Procedure,
 - having regard to the report of the Committee on Industry, Research and Energy and the opinion of the Committee on Budgets (A7-0000/2011),
1. Approves the Commission proposal as amended;
 2. Calls on the Commission to alter its proposal accordingly, in accordance with Article 293(2) of the Treaty on the Functioning of the European Union and Article 106a of the Euratom Treaty;
 3. Calls on the Council to notify Parliament if it intends to depart from the text approved by Parliament;
 4. Asks the Council to consult Parliament again if it intends to substantially amend the Commission proposal;
 5. Instructs its President to forward its position to the Council and the Commission.

Amendment 1

Proposal for a decision

Article 2 – point a

Text proposed by the Commission

a) fusion energy research (including ITER);

Amendment

a) fusion energy research (including *mainly* ITER);

Or. en

Amendment 2

Proposal for a decision Article 6 – paragraph 2

Text proposed by the Commission

2. The work programme shall take account of relevant research activities carried out by the Member States, associated states and European and international organisations. It shall be updated where appropriate.

Amendment

2. The work programme shall take account of relevant research activities carried out by the Member States, associated states and European and international organisations ***as well as industry***. It shall be updated where appropriate.

Or. en

Amendment 3

Proposal for a decision Article 6 – paragraph 3

Text proposed by the Commission

3. The work programme shall specify the criteria on which proposals for indirect actions under the funding schemes are to be evaluated and projects selected. The criteria shall be those of excellence, impact and implementation. Additional requirements, weightings and thresholds may be further specified or complemented in the work programme.

Amendment

3. The work programme shall specify the criteria on which proposals for indirect actions under the funding schemes are to be evaluated and projects selected. The criteria shall be those of excellence, impact and implementation. Additional requirements, weightings and thresholds ***that are clearly justified*** may be further specified or complemented in the work programme.

Or. en

Amendment 4

Proposal for a decision Annex – Title I A – point 1 – paragraph 3

Text proposed by the Commission

The R&D activities in support of ITER construction will be carried out in the Fusion Associations and European

Amendment

The R&D activities in support of ITER construction will be carried out in the Fusion Associations and European

industries. They will include the development **and** testing of components and systems.

industries. They will include the development, testing **and validation** of components and **dependable** systems.

Or. en

Amendment 5

Proposal for a decision

Annex – Title I A – point 4 – indent 3

Text proposed by the Commission

– studies of the sociological aspects and economics of fusion power generation, and actions to promote public awareness and understanding of fusion.

Amendment

– studies of the sociological aspects and economics of fusion power generation, and actions to promote public awareness and understanding of fusion. ***Particular attention will be given to ensuring that the right information is communicated to the public, and specific actions will be used for communication and outreach programme efficiency.***

Or. en

Amendment 6

Proposal for a decision

Annex – Title I B – introductory wording

Text proposed by the Commission

The overall objective is to enhance in particular the safety, performance, resource efficiency and cost-effectiveness of nuclear fission and uses of radiation in industry and medicine. Indirect actions in nuclear fission and radiation protection will be undertaken in five principal areas of activity detailed below. There are important links with research in the Seventh Framework Programme of the Union adopted by Decision No 1982/2006/EC of the European Parliament

Amendment

The overall objective is to enhance in particular the safety, performance, resource efficiency and cost-effectiveness of nuclear fission and uses of radiation in industry and medicine. Indirect actions in nuclear fission and radiation protection will be undertaken in five principal areas of activity detailed below. There are important links with research in the Seventh Framework Programme of the Union adopted by Decision No 1982/2006/EC of the European Parliament

and of the Council , in particular in the areas of energy, European standards, education and training, environmental protection, health, material science, governance, common infrastructures, security and safety culture. International collaboration will be a key feature of the activities in many of the activity areas, in particular advanced nuclear systems that are being investigated in the Generation IV International Forum.

and of the Council , in particular in the areas of energy, European standards, education and training, environmental protection, health, material science, governance, common infrastructures, security and safety culture. International collaboration will be a key feature of the activities in many of the activity areas, in particular advanced nuclear systems that are being investigated in the Generation IV International Forum. ***The typical design life time of the current generation of nuclear plants in operation in Europe is 40 years, and possible additional life extensions are envisaged. Gen III and future-safe Gen IV aim for 60 years or a longer lifetime while minimising operation and maintenance costs due to ageing.***

Or. en

Amendment 7

Proposal for a decision

Annex – Title I B – paragraph 1 a (new)

Text proposed by the Commission

Amendment

There is a clear need to enhance the collaboration with IAEA on Safety Standards applicable to all nuclear facilities and activities. These standards should be broadly applied by designers, manufacturers, operators in power generation, medicine, industry, research and education.

Or. en

Amendment 8

Proposal for a decision

Annex – Title I B – point 1 – title

Text proposed by the Commission

1. Geological disposal

Amendment

1. **All storage including** geological disposal

Or. en

Amendment 9

Proposal for a decision

Annex – Title I B – point 1 – Objectives

Text proposed by the Commission

Through implementation-oriented research, to establish a sound scientific and technical basis for demonstrating the technologies and safety of disposal of spent fuel and long-lived radioactive wastes in geological formations, and to underpin the development of a common European view on the main issues related to the management and disposal of waste.

Amendment

Through implementation-oriented research, to establish a sound scientific and technical basis for demonstrating the technologies and safety of disposal of spent fuel and long-lived radioactive wastes **including long-life waste from decommissioning of civil nuclear power and radioisotope applications in medicine, industry, agriculture, research and education activities**, in geological formations, and to underpin the development of a common European view on the main issues related to the management and disposal of waste.

Or. en

Amendment 10

Proposal for a decision

Annex – Title I B – point 1 – Activities

Text proposed by the Commission

Geological disposal: Engineering studies and demonstration of repository designs, in situ characterisation of repository host

Amendment

Geological disposal: Engineering studies and demonstration of repository designs, in situ characterisation of repository host

rocks (in both generic and site-specific underground research laboratories), understanding of the repository environment, studies on relevant processes in the near field (waste form and engineered barriers) and far-field (bedrock and pathways to the biosphere), development of robust methodologies for performance and safety assessment and investigation of governance and societal issues related to public acceptance.

rocks (in both generic and site-specific underground research laboratories), understanding of the repository environment, studies on relevant processes in the near field (waste form and engineered barriers) and far-field (bedrock and pathways to the biosphere), development of robust methodologies for performance and safety assessment and investigation of governance and societal issues related to public acceptance. ***To secure a better confinement in case of unanticipated events, it is necessary to implement robust systems maintaining the service with downgraded modes of operation.***

Or. en