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COMMISSION OF THE EUROPEAN COMMUNITIES

Brussels,

COM(2005) 445 final/2

2005/0190 (CNS)

Amended proposal for a

COUNCIL DECISION

concerning the specific Programme implementing the seventh Framework Programme (2007-2011) of the European Atomic Energy Community (Euratom) for nuclear research and training activities

(presented by the Commission)

COUNCIL REGULATION

«Adaptation following the agreement, 17 May 2006, on the Financial Perspectives»

Amended proposal for a

COUNCIL DECISION

concerning the specific Programme implementing the seventh Framework Programme (2007-2011) of the European Atomic Energy Community (Euratom) for nuclear research and training activities

(Text with EEA relevance)

Article 3 is replaced as follows:

Article 3

In accordance with Article 3 of the Framework Programme, the amount deemed necessary for the execution of the Specific Programme shall be EUR 2 234ⁱ million, of which 15 % shall be for the Commission's administrative expenditure.

Fusion energy research	1 947 ⁱⁱ
Nuclear Fission and radiation protection	287 ⁱⁱⁱ

ⁱ EUR 2015 million in 2004 prices
ⁱ ⁱ EUR 1755 million in 2004 prices
ⁱ ⁱⁱ EUR 260 million in 2004 prices

LEGISLATIVE FINANCIAL STATEMENT

1. NAME OF THE PROPOSAL:

Proposal for a Council Decision adopting a specific programme for nuclear research and training activities under the 7th Euratom Framework Programme

2. ABM / ABB FRAMEWORK

Fusion energy research:

- The realisation of ITER
- R&D in preparation of ITER operation
- Technology activities in preparation of DEMO
- R&D activities for the longer term
- Human resources, education and training
- Infrastructures
- Responding to emerging and unforeseen policy needs

Research on nuclear fission and radiation protection:

- Management of radioactive waste
- Reactor systems
- Radiation protection
- Infrastructures
- Human resources and training

3. BUDGET LINES

3.1. Budget lines (operational lines and related technical and administrative assistance lines) including headings:

08 19 01 Euratom - Fusion energy (RTD); 08 19 02 Euratom - Joint Undertaking ITER; 08 20 01 Euratom - Nuclear Fission and radiation protection

3.2. Duration of the action and of the financial impact:

2007-2011 subject to the approval of new financial perspectives framework

3.3. Budgetary characteristics (*add rows if necessary*):

Budget line	Type of expenditure		New	EFTA contribution	Contributions from applicant countries	Heading in financial perspective
08	Non-comp	Diff ¹ /	YES	NO	YES	No [1a]
XX.01	Non-comp	Non-diff ²	NO	NO	NO	No [1a]
XX.01.04	Non-comp	Non-diff	YES	NO	YES	No [1a]
XX.01.05	Non-comp	Non-diff	YES	NO	YES	No [1a]

¹ Differentiated appropriations.

² Non-differentiated appropriations here after referred to as NDA.

4. SUMMARY OF RESOURCES

4.1. Financial Resources

4.1.1. Summary of commitment appropriations (CA) and payment appropriations (PA)

EUR million (to 3 decimal places)

Expenditure type	Section no.		2007	2008	2009	2010	2011	Total
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Operational expenditure³

Commitment Appropriations (CA)	8.1	a	262,882	326,660	428,143	437,833	447,740	1.903,258
Payment Appropriations (PA)		b	78,000	196,385	334,976	408,340	885,557	1.903,258

Administrative expenditure within reference amount⁴

Technical & administrative assistance (NDA)	8.2.4	c	44,869	69,510	70,901	72,318	73,764	331,362
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TOTAL REFERENCE AMOUNT

Commitment Appropriations		a+c	307,751	396,170	499,044	510,151	521,504	2.234,620
Payment Appropriations		b+c	122,869	265,895	405,877	480,658	959,321	2.234,620

Administrative expenditure not included in reference amount⁵

Human resources and associated expenditure (NDA)	8.2.5 d							
Administrative costs, other than human resources and associated costs, not included in reference amount (NDA)	8.2.6 e							

Total indicative financial cost of intervention

TOTAL CA including cost of Human Resources	a+c +d +e	307,751	396,170	499,044	510,151	521,504	2.234,620
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³ Expenditure that does not fall under Chapter xx 01 of the Title xx concerned.

⁴ Expenditure within article xx 01 05 of Title xx.

⁵ Expenditure within chapter xx 01 other than articles xx 01 05.

TOTAL PA including cost of Human Resources	b+c +d +e	122,869	265,895	405,877	480,658	959,321	2.234,620
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Co-financing details

If the proposal involves co-financing by Member States, or other bodies (please specify which), an estimate of the level of this co-financing should be indicated in the table below (additional lines may be added if different bodies are foreseen for the provision of the co-financing):

EUR million (to 3 decimal places)

Co-financing body		Year n	n + 1	n + 2	n + 3	n + 4	n + 5 and later	Total
.....	f							
TOTAL CA including co-financing	a+c +d+ e+f							

4.1.2. Compatibility with Financial Programming

- Proposal is compatible with next financial programming (Interinstitutional agreement on the financial perspectives 2007-2013).
- Proposal will entail reprogramming of the relevant heading in the financial perspective.
- Proposal may require application of the provisions of the Interinstitutional Agreement⁶ (i.e. flexibility instrument or revision of the financial perspective).

4.1.3. Financial impact on Revenue

- Proposal has no financial implications on revenue
- Proposal has financial impact – the effect on revenue is as follows:

Certain Associated States may contribute to the funding of the framework programmes.

In accordance with Article 161 of the Financial Regulation, the Joint Research Centre may benefit from revenue from various types of competitive activities and from other services provided for outside bodies.

In accordance with Article 18 of the Financial Regulation, certain revenue may be used to finance specific items.

EUR million (to one decimal place)

⁶ See points 19 and 24 of the Interinstitutional agreement.

Budget line	Revenue	Prior to action [Year n-1]	Situation following action						
			[Year n]	[n+1]	[n+2]	[n+3]	[n+4]	[n+5]	
	<i>a) Revenue in absolute terms</i>								
	<i>b) Change in revenue</i>	Δ							

4.2. Human Resources FTE (including officials, temporary and external staff) – see detail under point 8.2.1.

Annual requirements	2007	2008	2009	2010	2011
Total number of human resources	491	491	491	491	491

It will be necessary to consider year by year the consequences for human resources of the phasing out of the 6th Framework Programme and the phasing in of the 7th Framework Programme.

5. CHARACTERISTICS AND OBJECTIVES

5.1. Need to be met in the short or long term

This Specific Programme addresses the need to enhance the excellence and innovation and to ensure cooperation and effectiveness through support for research and training in the areas of (i) Fusion Energy Research and (ii) Nuclear Fission and radiation protection.

5.2. Value-added of Community involvement and coherence of the proposal with other financial instruments and possible synergy

The value added of the support to be provided in this Specific Programme will be to strengthen nuclear research in the area (i) Fusion Energy Research and (ii) Nuclear Fission and radiation protection on Community level. Whenever appropriate, synergies and complementarity will be sought with other community policies and programmes.

5.3. Objectives, expected results and related indicators of the proposal in the context of the ABM framework

1. Fusion Energy Research: Developing the knowledge base for, and realising ITER as the major step towards, the creation of prototype reactors for power stations which are safe, sustainable, environmentally responsible, and economically viable.

2. Nuclear Fission and Radiation Protection: Establishing a sound scientific and technical basis in order to accelerate practical developments for the safer management of long-lived radioactive waste, promoting safer, more resource-efficient and competitive exploitation of

nuclear energy and ensuring a robust and socially acceptable system of protection of man and the environment against the effects of ionising radiation.

Performance indicators will be developed at three levels. Quantitative and qualitative indicators will be developed to show the path or direction of scientific and technical progress, such as new standards and tools, scientific techniques, patent applications and licence agreements for new products, process and services.

Management indicators will be developed to monitor performance internally and support senior management decision making. These could include level of budget execution, time to contract and time to payment.

Outcome (impact) indicators will be used to assess the overall effectiveness of the research against high level objectives. These could include assessment at the aggregate Framework Programme Level (e.g. impact on the achievement of the Lisbon, Goeteborg, Barcelona and other objectives) and assessment at the SP level (e.g. contribution made to the EU S&T and economic performance).

5.4. Method of Implementation (indicative)

Show below the method(s) chosen for the implementation of the action.

Centralised Management

Directly by the Commission

Indirectly by delegation to:

Executive Agencies

Bodies set up by the Communities as referred to in art. 185 of the Financial Regulation

National public-sector bodies/bodies with public-service mission

Shared or decentralised management

With Member states

With Third countries

Joint management with international organisations (please specify)

The Commission proposes a centralised management of this programme, both directly by the Commission and indirectly by delegation to an Executive Agency or to structures created according to the Euratom Treaty.

Part of the Programme will be executed through the European Legal Entity for ITER (Barcelona).

Externalisation is an important part of the management of this framework programme. It is, in addition, a progressive exercise. Within this context, the possibility will be explored for certain administrative parts of this programme to be externalised. The continued possibility to sub-contract specific tasks to private companies (e.g. for the development, operation and support of IT tools) will not be ruled out.

6. MONITORING AND EVALUATION

Monitoring and evaluation aspects are set out in the Legislative Financial Statement of the proposal of the 7th framework programme, COM(2005) 119 final.

7. ANTI-FRAUD MEASURES

Appropriate measures should also be taken to prevent irregularities and fraud and the necessary steps should be taken to recover funds lost, wrongly paid or incorrectly used in accordance with Council Regulation (EC, Euratom) No 1605/2002 of 25 June 2002 on the Financial Regulation applicable to the general budget of the European Communities⁷, Commission Regulation (EC, Euratom) No 2342/2002 of 23 December 2002 laying down detailed rules for the implementation of Council Regulation 1605/2002⁸, Council Regulations (EC, Euratom) No 2988/95 of 18 December 1995 on the protection of the European Communities financial interests⁹, (EC, Euratom) No 2185/96 of 11 November 1996 concerning on-the-spot checks and inspections carried out by the Commission in order to protect the European Communities' financial interests against fraud and other irregularities¹⁰ and Regulation (EC) No 1073/1999 of the European Parliament and of the Council concerning investigations conducted by the European Anti-Fraud Office (OLAF)¹¹.

⁷ OJ L 248, 16.9.2002, p.1.

⁸ OJ L 357, 31.12.2002, p.1.

⁹ OJ L 312, 23.12.1995, p.1.

¹⁰ OJ L 292, 15.11.1996, p.2.

¹¹ OJ L 136, 31.5.1999, p.1.

8. DETAILS OF RESOURCES

8.1. Objectives of the proposal in terms of their financial cost

Commitment appropriations in EUR million (to 3 decimal places)

(Headings of Objectives, actions and outputs should be provided)	Year 2007		Year 2008		Year 2009		Year 2010		Year 2011		Year 2012 (indicative)		Year 2013 (indicative)		TOTAL	
	No. outputs	Total cost	No. outputs	Total cost	No. outputs	Total cost	No. outputs	Total cost	No. outputs	Total cost	No. outputs	Total cost	No. outputs	Total cost	No. outputs	Total cost
OPERATIONAL OBJECTIVE No.1 ¹² Fusion energy research		252,568		339,884		441,632		451,591		461,772		471,007		481,608		2.900,062
OPERATIONAL OBJECTIVE No.2 ¹ Nuclear Fission and radiation protection		55,183		56,286		57,412		58,560		59,732		60,926		63,077		411,176
TOTAL COST		307,751		396,170		499,044		510,151		521,504		531,933		544,685		3.311,238

¹² As described under Section 5.3.

8.2. Administrative Expenditure

8.2.1. Number and type of human resources

Types of post		Staff to be assigned to management of the action using existing and/or additional resources (number of posts/FTEs)				
		Year 2007	Year 2008	Year 2009	Year 2010	Year 2011
Officials or temporary staff ¹³ (XX 01 01)	A*/AD					
	B*, C*/AST					
Staff financed ¹⁴ by art. XX 01 02						
Other staff ¹⁵ financed by art. XX 01 05 and 08 01 04 40	A*/AD	240	240	240	240	240
	B*, C*/AST	160	160	160	160	160
External staff		91	91	91	91	91
TOTAL		491	491	491	491	491

8.2.2. Description of tasks deriving from the action

Implementation of the Framework Programme

8.2.3. Sources of human resources (statutory)

(When more than one source is stated, please indicate the number of posts originating from each of the sources)

- Posts currently allocated to the management of the programme to be replaced or extended
- Posts pre-allocated within the APS/PDB exercise for year 2007
- Posts to be requested in the next APS/PDB procedure
- Posts to be redeployed using existing resources within the managing service (internal redeployment)

¹³ Cost of which is NOT covered by the reference amount.

¹⁴ Cost of which is NOT covered by the reference amount.

¹⁵ Cost of which is included within the reference amount.

Posts required for year n although not foreseen in the APS/PDB exercise of the year in question

8.2.4. *Other Administrative expenditure included in reference amount (XX 01 05 – Expenditure on administrative management)*

EUR million (to 3 decimal places)

Budget line (number and heading)	Year 2007	Year 2008	Year 2009	Year 2010	Year 2011	TOTAL
Statutory staff xx.01 05 01 and 08 01 04 40	29,111	46,761	47,696	48,650	49,623	221,841
External staff xx.01 05 02 and 08 01 04 40	4,636	4,728	4,823	4,919	5,017	24,123
Other administrative expenses xx.01 05 03 and 08 01 04 40	11,122	18,021	18,382	18,749	19,124	85,398
Total Technical and administrative assistance	44,869	69,510	70,901	72,318	73,764	331,362

8.2.5. *Financial cost of human resources and associated costs not included in the reference amount*

EUR million (to 3 decimal places)

Type of human resources	Year 2007	Year 2008	Year 2009	Year 2010	Year 2011	TOTAL
Officials and temporary staff (08 0101 and)						
Staff financed by Art XX 01 02 (auxiliary, END, contract staff, etc.)						
Total cost of Human Resources and associated costs (NOT in reference amount)						

Calculation– *Administrative expenditures*

Have been calculated taking into account the following hypothesis :

- the following assumptions in 2004 prices (with 2% inflation) :

cost of official permanent staff and temporary agent : 108 000 €/year

cost of external staff : 48 000 €/year

cost of other administrative expenses : 35 % of staff cost

-figures for 2007 correspond to PDB 2007

Calculation– Staff financed under art. XX 01 02

Reference should be made to Point 8.2.1, if applicable

8.2.6 Other administrative expenditure not included in reference amount

EUR million (to 3 decimal places)

	Year 2007	Year 2008	Year 2009	Year 2010	Year 2011	TOTAL
XX 01 02 11 01 – Missions						
XX 01 02 11 02 – Meetings & Conferences						
XX 01 02 11 03 – Committees ¹⁶						
XX 01 02 11 04 – Studies & consultations						
XX 01 02 11 05 - Information systems						
2 Total Other Management Expenditure (XX 01 02 11)						
3 Other expenditure of an administrative nature (specify including reference to budget line)						
Total Administrative expenditure, other than human resources and associated costs (NOT included in reference amount)						

Calculation - *Other administrative expenditure not included in reference amount*

The needs for human and administrative resources shall be covered within the allocation granted to the managing DG in the framework of the annual allocation procedure. The allocation of posts should take into account an eventual reallocation of posts between departments on the basis of the new financial perspectives.

¹⁶ CST Euratom.