

Nuclear Fission, Safety and Radiation Protection

Call Identifier: FP7-Fission-2013

Date of publication: 10 July 2012

Deadline: 13 November 2012, at 17.00.00, Brussels local time¹

Indicative budget: EUR 55 189 000²

The table below provides indicative budgets for 2013 for activities defined in this work programme (excluding 'other actions' in section IV):

Group	Activities	Indicative budget repartition (EUR million)³
1	Fission-1	5
2	Fission-2	22
3	Fission-3	12
4	Fission-4	8
5	Fission-5	5
6	Fission-6	3.19
	Total	55.19

All budgetary figures in this work programme are indicative. Following the evaluation of the proposals, the final budget awarded to actions implemented through calls for proposals may vary:

- by up to 10% of the total value of the indicated budget for each call; and
- any repartition of the call sub-budgets may also vary by up to 10% of the total value of the indicated call budget.

¹ The Director-General responsible may delay this deadline by up to two months.

² Under the condition that the draft budget for 2013 is adopted without modification by the budgetary authority.

³ Figures are rounded to two decimal points.

Topics called:

Activity/Area	Topic	Funding Scheme
Management of Ultimate Radioactive Waste	Fission-1	
<i>Geological disposal</i>	<i>Fission-1.1.1</i> Preparatory Phase (PP) for the implementation of new modes of operation of integrated research programmes at European level for the development of solutions related to the management of ultimate nuclear waste	Maximum of one Coordination and Support Action (coordinating)
	<i>Fission-1.1.2</i> Support to the IGD-TP SRA and to advances and innovation research in the treatment and/or understanding of key basic and remaining scientific technical issues	Maximum of one Collaborative Project
Reactor Systems	Fission-2	
<i>Safety of existing nuclear installations</i>	<i>Fission-2.1.1</i> Preparatory Phase (PP) in support to an efficient EU integrated research programme on safety of existing nuclear installations	Maximum of one Combination of Collaborative Project, Coordination and Support Action
	<i>Fission-2.1.2</i> Consequences of combination of extreme external events on the safety of Nuclear Power Plants (NPPs)	Maximum of one Coordination and Support Action (coordinating)

<i>Advanced nuclear systems for increased safety</i>	<i>Fission-2.2.1</i> Preparatory Phase (PP) in support to the development of a federating body to ensure efficient EU coordinated research on Reactor Safety for the next generation of nuclear installations	Maximum of one Combination of Collaborative Project, Coordination and Support Action
<i>Cross-cutting aspects for nuclear systems</i>	<i>Fission-2.3.1</i> Support to the development of joint research actions between national programmes on advanced nuclear materials	Maximum of one Combination of Collaborative Project, Coordination and Support Action
<i>Advanced systems for non-electrical uses of nuclear energy</i>	<i>Fission-2.4.1</i> Support to the emergence of a possible European Research Initiative on co-generation	Maximum of one Coordination and Support Action (coordinating)
Radiation Protection	Fission-3	
<i>Quantification of risks for low and protracted exposures</i>	<i>Fission-3.1.1</i> Preparatory Phase (PP) in support to the Multi-disciplinary European Low Dose Initiative (MELODI) for its development as federating body to ensure cost-efficiency and high-performance of low-dose risk research in Europe	Maximum of one Combination of Collaborative Project, Coordination and Support Action
<i>Medical uses of radiation</i>	<i>Within scope of 3.1.1</i>	
<i>Emergency and post-accident management</i>	<i>Fission-3.3.1</i> Trilateral cooperation on Chernobyl studies	Maximum of one Coordination and Support Action (coordinating)

<i>National research activities in other areas</i>	<p><i>Fission-3.4.1</i></p> <p>Support to the strengthening of pan-European research initiatives on the impact of radiation on the environment, including the food chain and the protection of non-human species</p>	Maximum of one Combination of Collaborative Project, Coordination and Support Action
Infrastructures	Fission-4	
<i>Supporting infrastructures</i>	<p><i>Fission-4.1.1</i></p> <p>Support to the MYRRHA research infrastructure for its development as a pan-European and world-level facility</p>	Maximum of one Coordination and Support Action (coordinating)
	<p><i>Fission-4.1.2</i></p> <p>Support to a pan-European Integrated Research Infrastructure Initiative for increased safety of nuclear systems at EU level</p>	Maximum of one Combination of Collaborative Project, Coordination and Support Action
Human Resources and Training	Fission-5	
<i>Training of research workers</i>	<p><i>Fission-5.1.1</i></p> <p>Euratom Fission Training Schemes (EFTS) in 'Nuclear Fission, Safety and Radiation Protection'</p>	Maximum of 3 Coordination and Support Action (coordinating)
Cross-cutting Actions	Fission-6	
<i>Cross-cutting actions</i>	<p><i>Fission-6.0.1</i></p> <p>Widening involvement in the 'Fission, Safety and Radiation Protection' Programme</p>	Maximum of 3 Coordination and Support Action (coordinating)
	<p><i>Fission-6.0.2</i></p> <p>Education / training / information towards the public</p>	Maximum of one Coordination and Support Action (coordinating)

	<i>Fission-6.0.3</i> Towards a socio-economic analysis of FP7 Euratom actions	Maximum of one Coordination and Support Action (supporting, expert appointment letters)
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Eligibility criteria:

- The general eligibility criteria are set out in Annex 1 and in the guide for applicants. Please note that the completeness criterion also includes that part B of the proposal shall be readable, accessible and printable.
- Minimum number of participants⁴ as set out in the Rules for Participation:

Funding scheme	Minimum conditions
Collaborative project (also applicable for a combination of a CP with another funding scheme)	At least 3 independent legal entities, each of which is established in a MS or AC, and no two of which are established in the same MS or AC.
Coordination and support action (coordinating type)	
Coordination and support action (supporting type)	At least 1 independent legal entity

- Only information provided in part A of the proposal will be used to determine whether the proposal is eligible with respect to the minimum number of eligible participants.

Proposals that do not conform to the eligibility criteria will be rejected at the eligibility stage and will not be evaluated by the independent experts.

Evaluation Procedure:

- The evaluation criteria (including any weights and thresholds) and sub-criteria together with the eligibility, selection and award criteria for the different funding schemes are set out in Annex 1 to this work programme.
- Proposal page limits: Applicants must ensure that proposals conform to the page limits and layout given in the Guide for Applicants, and in the proposal part B template available through the electronic Submission Services of the Commission. The Commission will instruct the experts to disregard any pages exceeding these limits.

⁴ MS = Euratom (EU) Member State; AC = Associated country. Where the minimum conditions for an indirect action are satisfied by a number of legal entities, which together form one legal entity, the latter may be the sole participant, provided that it is established in a Member State or Associated country.

- The evaluation will follow a single stage procedure.
- Proposals will not be evaluated anonymously and may be evaluated remotely.
- At the end of the evaluation process, proposals will be ranked until the indicative budget for this call is exhausted. Hence there will be competition between topics and some topics may end up not being supported if proposals fail to reach a high enough standard. Proposals scoring above all evaluation thresholds, but for which sufficient funding is not available, will be put on a common reserve list for the whole call, from which proposals will be considered for funding if additional funds become available from any part of the call. To separate tied proposals, the score for criterion 3 may be given priority, followed by that for criterion 1. Depending on the strategic nature of the topic in question, the Commission may, in such cases, decide to reinsert topics not funded in next year's work programme.

Indicative evaluation and contractual timetable:

Evaluation: beginning 2013; grant agreement negotiation and signature: from spring 2013.

Consortia Agreements:

Beneficiaries are required to conclude a consortium agreement prior to the signature of the grant agreement.

Particular requirements for participation, evaluation and implementation:

None beyond the standard rules and guidelines. The forms of grant and maximum reimbursement rates which will be offered are specified in Annex 2.

Use of flat rates for subsistence costs:

In accordance with Annex 2 of this work programme, this call provides for the possibility to use flat rates to cover subsistence costs incurred by beneficiaries during travel carried out within grants for indirect actions. For further information, see the relevant Guides for Applicants for this call. The applicable flat rates are available on the Participant Portal at: http://ec.europa.eu/research/participants/portal/page/fp7_documents under 'Guidance documents for FP7/Financial issues/Flat rates for daily allowances'.