

## FP7 Cooperation Work Programme: Theme 4 – Nanosciences, Nanotechnologies, Materials and New Production Technologies

### Call Fiche

- **Call identifier:** *FP7-NMP-2008-LARGE-2*
- **Date of publication:** 30 November 2007
- **Deadline:** For Large scale integrating collaborative projects - first stage: 6 March 2008 at 17.00.00 (Brussels local time)
- **Indicative budget: EUR 60 million in 2008<sup>1</sup>.** An amount for the 2009 budget is expected to be added to this call for which a new financing decision to cover the budget for that year will be requested at the appropriate time<sup>2</sup>.
- **Topics called:**

Activity/ Area	Topics called	Funding Schemes
Nanotechnologies and converging technologies	<b>NMP-2008-1.2-1 Pilot lines to introduce nanotechnology-based processes into the value chain of existing industries</b>	Large scale integrating collaborative projects
Health and Environmental Impacts	<b>NMP-2008-1.3-1 Validation, adaptation and/or development of risk-assessment methodology for engineered nanoparticles</b>	
Knowledge-based smart materials with tailored properties	<b>NMP-2008-2.2-1 Compound semiconductors for electronics and photonics</b>	
Advances in chemical technologies and materials processing	<b>NMP-2008-2.4-1 Inorganic-organic hybrid materials</b>	
Adaptive production systems	<b>NMP-2008-3.2-1 Implementation of process intensification strategies in industrial scale</b>	
Rapid transfer and integration of new technologies into the	<b>NMP-2008-3.4-1 Rapid design and virtual prototyping of factories</b>	

<sup>1</sup> Under the condition that the preliminary draft budget for 2008 is adopted without modifications by the budgetary authority.

<sup>2</sup> In addition, the final budget awarded to this call, following the evaluation of projects, may vary by up to 10% of the total value of the call.

design and operation of manufacturing processes	<b>NMP-2008-3.4-2 Industrialisation through new integrated construction processes</b>	
Integration of technologies for industrial applications	<b>NMP-2008- 4.0-1 Development of nanotechnology-based systems for diagnosis and/or therapy for diabetes, musculo-skeletal or inflammatory diseases</b>	
	<b>NMP-2008-4.0-2 Catalysts and sustainable processes to produce liquid fuels from coal and natural gas</b>	
	<b>NMP-2008-4.0-3 Nano-technology enabled applications for integrated, cost-effective volume production -</b>	
	<b>NMP-2008-4.0-4 Expanding the limits of advanced materials processing applications through a new generation of high brilliance lasers</b>	
	<b>NMP-2008-4.0-5 Innovative concepts and processes for strategic mineral supply and new high added value mineral-based products</b>	
	<b>NMP-2008-4.0-6 Sustainable new products and markets through bioproduction of green forest-based chemicals and materials</b>	

- Evaluation procedure:** For Large scale integrating collaborative projects the evaluation shall follow a two-stage procedure. The first stage proposal, of a maximum of 10 pages (font size 12) should focus on the S&T content and on clear identification of the intended results, their intended use and the expected impact (economic, social, environmental, etc.) and 2 additional pages to describe the consortium and the estimated financial resources involved. It will be evaluated on the basis of two evaluation criteria, i.e.: *scientific quality and expected impact*. Stage 1 proposals will be evaluated remotely. Stage 1 proposals shall be submitted at the closure date mentioned above. Coordinators of retained proposals in stage 1 ("go" proposals) will be invited to submit a complete proposal that will be then evaluated against the entire set of evaluation criteria. The closure date of the second submission will be specified in the invitation to submit the complete proposal. The indicative closure date is: 23 September 2008.
- Indicative evaluation and contractual timetable:** Evaluation Stage 1 proposals: End of March/beginning of April 2008; Evaluation stage 2 proposals: October 2008. Evaluation results: estimated to be available within two months after the closure date. A reserve list of projects might be established.

- **Consortia agreements:** Participants are required to conclude a consortium agreement.
- **Particular requirements for participation, evaluation and implementation:**

The minimum number of participating legal entities for all funding schemes is set out in the Rules for Participation.

For large scale integrating projects the minimum EC funding requested **must be greater than EUR 4 million.**

In order to ensure industrial relevance and impact of the research effort, the active participation of industrial partners represents an added value to the activities and this will be reflected in the evaluation.

In line with the objectives of each topic, additional eligibility or evaluation criteria may be indicated under "Specific Features" in the Work Programme.

For this call, implemented via a two stage procedure, the following criteria and thresholds are applied:

**- Evaluation criteria and thresholds for stage 1 proposals:**

Stage 1 proposals are evaluated on the basis of the following two criteria: **S/T quality and Impact.** For each criterion marks from 0 to 5 will be given, with the possibility of half-point scores. Successful proposals must pass the minimum thresholds as follows:

	<b>Minimum threshold</b>
<b>S/T quality</b>	<b>4/5</b>
<b>Impact</b>	<b>3/5</b>
<b>Overall threshold required</b>	<b>8/10</b>

- **Evaluation criteria and thresholds for stage 2 proposals:**

Stage 2 proposals are evaluated on the basis of the following three criteria: **1. S/T quality; 2. Implementation; 3. Impact.** For each criterion marks from 0 to 5 will be given, with the possibility of half-point scores. Successful proposals must pass the minimum thresholds as follows:

	<b>Minimum threshold</b>
<b>S/T quality</b>	<b>4/5</b>
<b>Implementation</b>	<b>3/5</b>
<b>Impact</b>	<b>4/5</b>
<b>Overall threshold required</b>	<b>12/15</b>

See also Annex 2: Eligibility and evaluation criteria for proposals.

- **Forms of grant and maximum reimbursement rates** for projects funded through the Cooperation work programme are given in Annex 3 of this work programme.