

Call title: 'Factories of the Future' – 2013

- **Call identifier:** FP7-2013-NMP-ICT-FoF
- **Date of publication:** 10 July 2012
- **Deadline:** 4 December 2012¹ at 17.00.00 (Brussels local time).
- **Indicative budget**^{2 3}: EUR 230 million from the 2013 budget of which:
 - EUR 160 million from Theme 4 – Nanosciences, Nanotechnologies, Materials and New Production Technologies
 - EUR 70 million from Theme 3 – Information and Communication Technologies (ICT)
- **Topics called:**

Activity/ Area	Topics called	Funding Schemes	Budget (Million EUR)
NMP – Nanosciences, nanotechnologies, Materials and new Production			
FoF.NMP.2013-1	Improved use of renewable resources at factory level	DEMO-targeted collaborative projects	160
FoF.NMP.2013-2	Innovative re-use of modular equipment based on integrated factory design	DEMO-targeted collaborative projects	
FoF.NMP.2013-3	Workplaces of the future: the new people-centred production site	Small or medium-sized collaborative projects	
FoF.NMP.2013-4	Innovative methodologies addressing social sustainability in manufacturing	Coordination and Support Actions (Support action)	
FoF.NMP.2013-5	Innovative design of personalised product-services and of their production	Large-scale integrated collaborative projects	

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

² The budget for this call is indicative. The final budget awarded to actions implemented through calls for proposals may vary:

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

³ Under the condition that the draft budget for 2013 is adopted without modification by the budgetary authority

	processes based on collaborative environments		
FoF.NMP.2013-6	Mini-factories for customised products using local flexible production	DEMO-targeted collaborative projects	
FoF.NMP.2013-7	New hybrid production systems in advanced factory environments based on new human-robot interactive cooperation	Large-scale integrated collaborative projects	
FoF.NMP.2013-8	Innovative strategies for renovation and repair in manufacturing systems	Large-scale integrated collaborative projects	
FoF.NMP.2013-9	Advanced concepts for technology-based business approaches addressing product-services and their manufacturing in globalised markets	Small or medium-sized collaborative projects	
FoF.NMP.2013-10	Manufacturing processes for products made of composites or engineered metallic materials	Small or medium-sized collaborative projects	
FoF.NMP.2013-11	Manufacturing of highly miniaturised components	SME-targeted collaborative projects	
ICT – Information and Communication Technologies			
FoF-ICT-2013.7.1	Application experiments for robotics and simulations	<i>Collaborative Projects (IP only) and CSA</i>	70
FoF-ICT-2013.7.2	Equipment assessment for sensor and laser based applications	<i>Collaborative Projects (IP only) and CSA</i>	

- **Eligibility conditions**

The general eligibility criteria are set out in Annex 2 to this work programme, 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.

Only information provided in part A of the proposal will be used to determine whether the proposal is eligible with respect to budget thresholds and/or minimum number of eligible participants.

The minimum number of participating entities required, for all funding schemes, is set out in the Rules for Participation: For Collaborative projects, the minimum condition shall be the participation of 3 independent legal entities, each of which is established in a Member State or Associated Country and no two of which are established in the same Member State or Associated Country.

For Coordination and Support Actions, the minimum conditions shall be:

- Coordination and Support Actions – **coordinating actions**: at least 3 independent legal entities, each of which is established in a Member State or Associated Country, and no 2 of which are established in the same Member State or Associated Country.
- Coordination and Support Actions – **supporting actions**: at least 1 independent legal entity.

- **Additional eligibility criteria**

Topics FoF.NMP.2013-5, FoF.NMP.2013-7 and FoF.NMP.2013-8: In addition to the general eligibility criteria, which are given in Annex 2 to this Work Programme, for Large-scale integrating collaborative projects **the minimum requested EU contribution must be greater than EUR 4 000 000**. Please note that the financial resources mobilised within a project will be assessed during the evaluation against the real work to be carried out in the project.

Topics FoF.NMP.2013-3, FoF.NMP.2013-9 and FoF.NMP.2013-10: In addition to the general eligibility criteria, which are given in Annex 2 to this Work Programme, for Small or medium-sized collaborative projects **the maximum requested EU contribution must not exceed EUR 4 000 000**. Please note that the financial resources mobilised within a project will be assessed during the evaluation against the real work to be carried out in the project.

Topic FoF.NMP.2013-11: SME-targeted Collaborative Projects will only be selected for funding on the condition that the requested EU contribution going to SME(s) is 35% or more of the total requested EU contribution. This will be assessed at the end of the negotiation, before signature of the grant agreement. Proposals not fulfilling this criterion will not be funded.

Topic FoF.NMP.2013-4: The requested EU contribution must not exceed EUR 500 000 per project, and the project duration must not exceed 18 months.

For the ICT topics, each proposal must indicate the type of funding scheme used (IP for Collaborative Projects where applicable; CA or SA for Coordination and Support Actions). See Appendix 2 to the ICT chapter of the Cooperation work programme for further details.

- **Evaluation procedure**

A one-stage submission procedure will be followed.

Proposals will be evaluated in a single-step procedure. Proposals could be evaluated remotely with the consensus sessions being held in Brussels.

Each Theme will remain responsible for its own budget and for the implementation of the respective call topics. This includes drawing up ranking lists per Theme and subsequent negotiation and follow-up of the grant agreements resulting from proposals selected under the respective call topics.

For this call the following criteria and thresholds are applied: **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:

	Minimum threshold
S/T quality	3/5
Implementation	3/5
Impact	3/5
Overall threshold required	10/15

Further information on elements to be taken into account in the evaluation is given under the respective topic descriptions.

See also Annex 2: Eligibility, Evaluation criteria for proposals and priority order for proposals with the same score⁴.

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.

- **Indicative evaluation and contractual timetable**

Evaluation of proposals: January 2013. It is expected that the grant agreement negotiations for the shortlisted proposals will start as of March 2013.

- **Consortium agreements**

Participants are required to conclude a consortium agreement.

- **Particular requirements for participation, evaluation and implementation:**

As a result of the evaluation, a ranked list of proposals retained for funding will be drawn up by each Theme as well as a reserve list of proposals that may be funded in case budget becomes available during negotiations.

⁴ For topics [FoF.NMP.2013](#), and in contrast with Annex 2, at Panel stage, the priority order of the proposals with equal overall scores will be established in accordance with their scores for the S/T Quality criterion. If they are still tied, they will be prioritised according to their scores for the Impact criterion. If proposals are still tied, they will be prioritised on the basis of the work programme coverage.

- **The forms of grant and maximum reimbursement rates** which will be offered are specified in Annex 3 to the Cooperation work programme.
- **Use of flat rates for subsistence costs**

For topics FoF.NMP.2013, and in accordance with Annex 3 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'.