

**Call title: FP7-2012- "Energy-efficient Buildings" – 2012**

- Call identifier: FP7-2012-NMP-ENV-ENERGY-ICT-EeB
- Date of publication: 20 July 2011
- Deadline: 1 December 2011<sup>1</sup> at 17.00.00 (Brussels local time).
- Indicative budget<sup>2 3</sup>: EUR 140 million from the 2012 budget of which:
  - EUR 70 million from Theme 4 – Nanosciences, Nanotechnologies, Materials & New Production Technologies
  - EUR 30 million from Theme 3 – Information and Communication Technologies (ICT)
  - EUR 35million from Theme 5 – Energy
  - EUR 5 million from Theme 6 – Environment (including Climate Change)
- **Topics called:**

| Activity/ Area                                                            | Topics called                                                                                                                                                                                 | Funding Schemes                               | Budget (Million EUR) |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------|
| <b>NMP – Nanosciences, nanotechnologies, Materials and new Production</b> |                                                                                                                                                                                               |                                               |                      |
| <b>EeB.NMP.2012-1</b>                                                     | Interaction and integration between buildings, grids, heating and cooling networks, and energy storage and energy generation systems                                                          | Collaborative Projects (Large-scale projects) | 70                   |
| <b>EeB.NMP.2012-2</b>                                                     | Systemic Approach for retrofitting existing buildings, including envelope upgrading, high performance lighting systems, energy-efficient HVAC systems and renewable energy generation systems |                                               |                      |

<sup>1</sup> The Director-General responsible may delay this deadline by up to two months

<sup>2</sup> 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.

<sup>3</sup> Under the condition that the draft budget for 2012 is adopted without modification by the budgetary authority

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|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|
| <b>EeB.NMP.2012-3</b>                                   | Development and validation of new 'processes and business models' for the next generation of performance based energy-efficient buildings integrating new services | SME-targeted collaborative projects.                                    |    |
| <b>EeB.NMP.2012-4</b>                                   | Nanotechnology based approaches to increase the performance of HVAC systems                                                                                        | Collaborative Projects (Small or medium-scale focused research project) |    |
| <b>EeB.NMP.2012-5</b>                                   | Novel materials for smart windows conceived as affordable multifunctional systems offering enhanced energy control                                                 | Collaborative Projects (Small or medium-scale focused research project) |    |
| <b>EeB.NMP.2012-6</b>                                   | Methodologies for Knowledge transfer within the value chain and particularly to SMEs                                                                               | Coordination and Support Actions (CSA)                                  |    |
| <b>Environment (including Climate Change)</b>           |                                                                                                                                                                    |                                                                         |    |
| <b>EeB.ENV.2012.6.6-2</b>                               | Concepts and solutions for improving energy efficiency of historic <sup>4</sup> buildings, in particular at urban district scale                                   | SME-targeted Collaborative Project                                      | 5  |
| <b>Energy</b>                                           |                                                                                                                                                                    |                                                                         |    |
| <b>EeB.Energy.2012.8.8.3:</b>                           | Demonstration of nearly Zero Energy Building Renovation for cities and districts                                                                                   | Collaborative Projects – Scale of Units (CP-SoU),                       | 35 |
| <b>ICT – Information and Communication Technologies</b> |                                                                                                                                                                    |                                                                         |    |
| <b>EEB-ICT-2011.6.5</b>                                 | ICT for energy-positive neighbourhoods                                                                                                                             | Collaborative projects (STREP)                                          | 30 |

<sup>4</sup> "historic": in the sense that this topic targets significant groupings of "old" houses built before 1945 and are representative of the period of their construction or history, being mostly not protected by legislation; they constitute in fact the vast majority of historic buildings in cities.

- **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**

In addition to the general eligibility criteria, which are given in Annex 2 of the work programme, for Large scale integrating projects in topics EeB.NMP.2012-1, EeB.NMP.2012-2 and the minimum EU funding requested must be greater than EUR 4 million and for Small or medium-scale focused research projects in topics EeB.NMP.2012-4 and EeB.NMP.2012-5, the maximum EC funding requested must not exceed EUR 4 million.

For topics EeB.NMP.2012-3 and EeB.Env.2012.6.6-2, SME-targeted Collaborative Projects will only be selected for funding on the condition that the requested EC contribution going to SME(s) is 35% or more of the total requested EC 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.*

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

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.

- **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:

|                                   | <b>Minimum threshold</b> |
|-----------------------------------|--------------------------|
| <b>S/T quality</b>                | <b>3/5</b>               |
| <b>Implementation</b>             | <b>3/5</b>               |
| <b>Impact</b>                     | <b>3/5</b>               |
| <b>Overall threshold required</b> | <b>10/15</b>             |

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 score<sup>5</sup>.

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 EPSS.

- **Indicative evaluation and contractual timetable:**

Evaluation of proposals: January 2012. It is expected that the grant agreement negotiations for the shortlisted proposals will start as of March 2012.

- **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.

- **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 EeB.NMP.2012-1 to 6, EeB.ENV.2012.6.6-2 and EeB.Energy.2012-8.8.3 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

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<sup>5</sup> For the NMP Programme, 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.

grants for indirect actions. For further information, see the relevant Guides for Applicants for this call. The applicable flat rates are available at the following website: [http://cordis.europa.eu/fp7/find-doc\\_en.html](http://cordis.europa.eu/fp7/find-doc_en.html) under 'Guidance documents/Flat rates for daily allowances'.