

**Call title: "Energy-efficient Buildings" - 2011**

- Call identifier: FP7-2011-NMP-ENV-ENERGY-ICT-EeB
- Date of publication: 20 July 2010
- Deadline: 2 December 2010<sup>1</sup> at 17.00.00 (Brussels local time).
- Indicative budget<sup>2 3</sup>: EUR 85.5 million from the 2011 budget of which:
  - EUR 40 million from Theme 4 – Nanosciences, Nanotechnologies, Materials & New Production Technologies
  - EUR 20 million from Theme 3 – Information and Communication Technologies (ICT)
  - EUR 20 million from Theme 5 – Energy
  - EUR 5.5 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.2011-1</b>	Materials for new energy efficient building components with reduced embodied energy	<i>Collaborative Projects (Large-scale projects)</i>	39
<b>EeB.NMP.2011-2</b>	New efficient solutions for energy generation, storage and use related to space heating and domestic hot water in existing buildings		
<b>EeB.NMP.2011-3</b>	Energy saving technologies for buildings envelope retrofitting		
<b>EeB.NMP.2011-4</b>	Geo-clusters approach to support European energy-efficiency goals	<i>Coordination and Support Actions (coordinating action)</i>	1 <sup>4</sup>

<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 2011 is adopted without modification by the budgetary authority

<b>Environment (including Climate Change)</b>			
<b>EeB.ENV.2011.3.1.5-1</b>	Technologies for ensuring, monitoring and/or controlling a high quality indoor environment <sup>5</sup> particularly in relation to energy efficient buildings	<i>Collaborative Projects (small or medium-scale focused research project)</i> <sup>6</sup>	5
<b>EeB.ENV.2011.3.1.5-2</b>	Operational guidance for Life Cycle Assessment studies of the Energy Efficient Buildings Initiative	<i>Coordination and Support Actions (supporting action)</i> <sup>7</sup>	0,5
<b>Energy</b>			
<b>EeB.ENERGY.2011.8.1-1</b>	Demonstration of very low energy new buildings	<i>Collaborative Projects</i> <sup>8</sup>	20
<b>ICT – Information and Communication Technologies</b>			
<b>EeB-ICT-2011.6.4</b>	ICT for energy-efficient buildings and spaces of public use - <b>a) targeted outcome</b>	<i>Collaborative Projects (STREP only)</i>	19
<b>EeB-ICT-2011.6.4</b>	ICT for energy-efficient buildings and spaces of public use - <b>b) targeted outcome</b>	<i>Coordination and Support Actions (CSA)</i>	1

- **Eligibility conditions**

The general eligibility criteria are set out in Annex 2 of 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.

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<sup>4</sup> In the case the budget of 1 million for the topic **EeB.NMP.2011-4** cannot be consumed (totally or partially) the remaining budget will be allocated to the NMP topics in the area of the Energy Efficient Buildings.

<sup>5</sup> A high quality indoor environment should be safe, healthy, comfortable, and accessible, should prevent accidents, and provide positive stimulation to users, and facilitate independent living and/or participation in society.

<sup>6</sup> Maximum requested EU contribution per project: EUR 2 500 00. Up to two projects can be funded

<sup>7</sup> Maximum requested EU contribution per project: EUR 500 00. Up to one proposal can be funded

<sup>8</sup> Up to 5 projects can be supported

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**

For the following topics, implemented via large scale integrating projects: the **EU funding requested must be greater than EUR 4 million**:

- **EeB.NMP.2011-1** Materials for new energy efficient building components with reduced embodied energy;
- **EeB.NMP.2011-2** New efficient solutions for energy generation, storage and use related to space heating and domestic hot water in existing buildings;
- **EeB.NMP.2011-3** Energy saving technologies for buildings envelope retrofitting.

For the following topic, implemented via small or medium-scale focused research projects: **EU funding requested must not exceed EUR 2.5 million**:

- **EeB.ENV.2011.3.1.5-1** Technologies for ensuring, monitoring and/or controlling a high quality indoor environment<sup>9</sup> particularly in relation to energy efficient buildings.

For the following topic, implemented via coordination and support action (supporting action): **EU funding requested must not exceed EUR 0.5 million**:

- **EeB.ENV.2011.3.1.5-2** Operational guidance for Life Cycle Assessment studies of the Energy Efficient Buildings Initiative.

For the ICT topic **EeB-ICT-2011.6-4**, each proposal must indicate the type of funding scheme used - 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 be 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 the 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

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<sup>9</sup> A high quality indoor environment should be safe, healthy, comfortable, and accessible, should prevent accidents, and provide positive stimulation to users, and facilitate independent living and/or participation in society.

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 and evaluation criteria for proposals and priority order for proposals with the same score<sup>10</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 2011. It is expected that the grant agreement negotiations for the shortlisted proposals will start as of March 2011.

- **Consortia agreements**

Consortia agreements are required for *all* actions.

- **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 grants and maximum reimbursement rates which will be offered are specified in Annex 3 to the Cooperation work programme.

For topic **EeB.ENERGY.2011.8.1-1** the following applies:

- Successful proposals will be asked to follow a common monitoring data structure, using a common methodology, in order to feed the relevant Commission data bases (e.g. CONCERTO data base).
- The form of grant applied for 'Energy efficiency in Buildings' is based on additional energy efficiency measures in buildings. The grant will be composed of a combination of:
  - the typical reimbursement of eligible costs, and
  - flat rate financing determined on the basis of scale of unit costs for the demonstration part of the project.

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<sup>10</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.

- For the flat rate financing, the unit value of the European Union's financial contribution is fixed to an eligible cost of EUR 100 /m<sup>2</sup> eligible costs and thus to a European Union contribution of EUR 50 /m<sup>2</sup>.
- The total of the European Union financial contribution based on flat rate financing may not exceed EUR 6 million.
- The evaluation of the proposals will also take into account the degree of excellence and innovation of the technology used and the most cost effective practices (euros/efficiency gain; euros/CO<sub>2</sub> reduction, kWh/m<sup>2</sup>/year saved). For this reason, the above figures should be indicated in the proposal.

- **Use of flat rates for subsistence costs:**

For topics EeB.NMP.2011-1, EeB.NMP.2011-2, EeB.NMP.2011-3, EeB.NMP.2011-4, EeB.ENV.2011.3.1.5-1, EeB.ENV.2011.3.1.5-2 and EeB.ENERGY.2011.8.1-1 and in accordance with Annex 3 to 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 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'.