

POWER Interregional Programme September 2008 – March 2012 INTERREG IVC Specification

Theme 3

Eco-innovation & Environmental Technologies

Promoting innovative low-carbon technologies, comparative intelligence on strategies for take-up and low-carbon development design strategies.

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| Sub Theme 3.1 | Living environment: Develop and deliver 'place-based' initiatives and programmes in the field of sustainable construction, including indoor climate and sustainable neighbourhoods. |
| Aims | Investigate innovative ways to reduce CO and improve the quality of life and health in the living environment, indoor and within the residential area. |
| | <p>There are a range of different opportunities that could be exchanged and explored between partners to reduce CO² and to ensure the improvement of quality of life. They could for example include: sustainable new buildings – reduction in materials use, use of sustainable ('green') materials; and design for lower energy consumption.</p> <ul style="list-style-type: none"> • use of innovative green materials/products - using organic materials on roofs and facades to hold water, clean air and reduce CO₂. • improving indoor climate – eg., in schools. • green neighbourhoods with fewer cars, enhanced surroundings. • Local decentralised supply of energy, including combined heat & power units. • improving existing buildings – retrofitting for improved sustainability/carbon performance <p>Investigations could include, for example:</p> <ul style="list-style-type: none"> • looking at barriers for the realisation of such opportunities, together with their whole-life costs. • ways to promote, support and transfer good practice, knowledge, skills, markets and products for sustainable construction. • Engaging with and providing advice for the development industry <p>Engaging with and providing advice for local government authorities, including those with planning powers.</p> |

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| Project size | Recommended project size (ERDF + match funding combined): from €150 000 to €350,000 |
| Maximum duration of project | First call: July 2009 – September 2011 Second call: March 2010 – September 2011 |
| Geographical coverage | Minimum 3 partner regions per project. Matching less experienced regions with more advanced regions. |
| Suggested delivery organisations & partners | Local and regional authorities, public bodies, universities, energy networks, business support agencies, voluntary and not for profit organisations, environmental agencies, energy agencies, technology networks, enterprise clusters, estate management associations, utility centres etc. |
| Target groups and end users | Universities, businesses, citizens. |
| Equalities and Diversity | Projects must demonstrate that the project is accessible to all; ensuring people are not excluded because of their gender, race, age, religion/belief, disability or sexual orientation. |
| Avoiding duplication | Projects must demonstrate how the support to beneficiaries will enhance the existing publicly funded provision, thus avoiding duplication. |
| Legacy | Projects must describe their exit strategy and endeavour to provide a sustainable legacy in the regions from this activity once the current funding ceases. |
| Potential Outputs and Outcomes to be achieved: | |
| <ul style="list-style-type: none"> • Building and delivering a vision of sustainable neighbourhoods • Establish network of experts in innovative sustainable construction linking with key bodies of expertise in partner regions • Exploration, transfer and implementation of good practice – eg., through preparation of training, advice schemes or a good practice guide. • A database of innovative solutions and products for building or renovation. • Policy instruments and measures, within the different national frameworks, to stimulate or regulate sustainable construction. | |
| Indicators: | |
| <ul style="list-style-type: none"> • Models of transferable best practice • Potential Carbon reduction in/from new construction • Potential Carbon reduction through building renovation/retrofit • Potential for ‘Whole-house’ improvements in reducing energy, water and waste • Potential for Increased use of recycled materials in construction.- and identification of resultant carbon savings | |

Potential results to work towards:

- Reduced levels of Carbon in construction
- Significant number of existing buildings renovated
- Significant improvement in energy and water-efficiency in buildings – from design stage to delivery
- Large-scale expansion in use of renewable energy technologies
- Increased use of recycled materials in construction.