

POWER Interregional Programme September 2008 – March 2012 INTERREG IVC

Specification

Theme 2

Renewable Energy

Exploring ways of increasing the share of energy generated by renewables, including solar thermal energy, solar photovoltaic energy, high temperature thermal systems, wind energy, hydro, biomass production for electricity and heating and cooling, sustainable biofuels, district heating and Combined Heat and Power (CHP) plants.

Sub Theme 2.2	Biomass Energy and Sustainable Resource Management: Identifying and sharing best practice.
Aims	To identify and promote an integrated and sustainable approach to energy from biomass, including energy crops, biomass heat, biofuels, energy from waste, electricity from biomass.
Methodology	<p>(i) Position statement – from a sustainable resource management perspective - on biomass energy in partner regions and elsewhere, to assess current progress and identify success factors and barriers, actual and potential. This should include, where appropriate:</p> <p>Energy crops Biomass electricity Biomass Heat and development of heat networks and heat markets Energy from waste Co-generation Biofuels Land-use and water requirements Barriers to deployment Fiscal/financial incentives: (a) for deployment; (b) for innovation/technology development</p> <p>(ii) Review developments in partner regions and elsewhere, to assess current progress and to identify best practice;</p> <p>(iii) Engage with energy industry and financial bodies/potential renewable energy investors in each partner region to clarify</p>

	opportunities and investor requirements; (iv) Produce an integrated Biomass Energy Plan for each participating region and engage key partners in delivery.
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 public sector delivery organisation/s & partners	Local and regional authorities, public bodies, rural agencies, farming organisations, universities, energy networks, business support agencies, voluntary and not for profit organisations, local & regional environmental and energy agencies, technology networks, enterprise clusters, centres for renewable energy education and advice.
Target Groups and end users	Communities, local and regional authorities, public bodies, universities, spatial planning bodies.
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"> (i) Bioenergy R&D/Knowledge Transfer Network; (ii) Fully-integrated approach to resource management for sustainable bioenergy – Biomass Energy Plan (iii) Best-practice case studies, decision-tools and business models (iv) Improved understanding of investor requirements; (v) Innovative, replicable financial mechanisms/vehicles to facilitate – and secure-greater investment in bioenergy, including bringing emerging technologies to market. 	

Potential Indicators:

Quantification of Biomass resources/potential

Assessment of biomass technology in terms of costs – and costs of carbon saved

Potential for substitution by biomass and resulting carbon savings

Identification of success factors

Transferable best practice models.

Potential Results to work towards:

Maximising the contribution of sustainable biomass towards their EU Energy and Climate Change/carbon reduction targets for 2020.