

MountEE - mountEE: Energy efficient and sustainable building
in European municipalities in mountain regions
IEE/11/007/SI2.615937

QUESTIONNAIRE GOOD PRACTICE SUSTAINABLE BUILDINGS

CATEGORIE:

**1) REGIONAL STRATEGIES AND PROGRAMS: CALL FOR PROJECTS:
"SUSTAINABLE CONSTRUCTION FOR EXSITING OR NEW BUILDING"**

NATURAL REGIONAL PARK OF PYRENEES
CATALANES
co-contractor TERRES ROMANES EN PAYS
CATALAN

December 6. 2012

<p>Region / local area considered: South France, Languedoc Roussillon, Parc naturel régional des Pyrénées Catalanes</p>	<p>Good practice submitted by Catherine BERCHOUX, Terres Romanes Laetitia TEYSSIER, PNR PC</p>
<p>1) Short description of the action/strategy/project (200-400 characters)</p> <p>The departmental network of the eco construction and the eco renovation of Pyrénées-Orientales proposes a call for projects, "sustainable construction for existing or new buildings". It wishes to incite and to accompany and guide the municipalities and the associations of local authorities in the realization of "demonstrative" projects of construction or renovation.</p>	
<p>2) Background/targets (500-700 characters)</p> <p>Buildings establish the main energy-consuming sector of Pyrénées-Orientales (47 %) and the second in terms of greenhouse gas emissions (31 %). The stakes regarding efficient energy with "eco solutions" are very important for companies and a potential market. These economic opportunities invite the elected people to create the departmental network 66 of Eco-construction and Eco-renovation which gather key actors of construction of departmental territory. The main purpose is to work together and to mutualize our skills. More than one year was necessary to elaborate a program, a shared definition for eco construction and eco renovation. Today, we suggest to communities to participate to a competition wish will identify 3 the best construction or renovation project.</p>	
<p>3) Detailed project/program description (1000-1400 characters)</p> <p>The departmental Network 66 of Eco-construction and Eco-renovation wishes to invite municipalities and the associations of local authorities in the realization of "demonstrative" building projects.</p> <p>Goals :</p> <ul style="list-style-type: none"> • To promote performance technics of construction, efficient energy and environmental materiales in each project • to favor good practices and exemplary projects • to promote innovation on cosntruction, • to create synergies between different stakeholders of projects and to accompany the initiatives "shared", based on the multi-sectoral integration. <p>Criteria :</p> <ul style="list-style-type: none"> • raising sensitization of the users • impacts of the built on the environment • control of the costs • research for solutions adapted to the local specificities • use of eco-materials • encouragement of emergent sectors • research for duplicables solutions at the regional level. <p>This call for proposals is intended to make easier the realization by providing engineering and technical support for the design of the operation. A subsidy in the investment to finance specific expense items in sustainable construction (such as the insulation and construction in Eco-materials) will be also granted. The beginning of the operation was in November 7th 2012, the end is February 22th 2013</p>	

4) Funding/financing/costs (200-400 characters)

Three prize-winners will benefit from a project ownership assistance ordered by the County council for 30 000€ for each project and from 50 000 € maximum each to cover the environmental additional costs. About 10 000€ are necessary to communicate. This operation was estimated at 250 000 €. The County council will pay all those costs.

5) Main results (800-1200 characters)

A quantity of 10 dm³ about wood by m² of surface.
 The relevance of the adequacies between the intrinsic characteristics of essences and their domain of use and implementation (mechanical criteria and of durability).
 Wooden use stemming from forests managed durably (PEFC or FSC).
 Environmental impact of materials and processes of construction to local sectors, to materials efficient for grey energy, for water...).
 Use of products with very low emissions issue of Compounds Organic Volatile (COV) or little broadcasting in Hydrocarbons Aromatic Volatile (HAV).
 Use of products with low heavy metal content and dangerous substances for the environment and the health.
 A particular attention will be concerned to the project, integrating equipments of renewable power production (solar energy, wood) and aiming in particular at the level building at positive energy.
 Implementation of hydro-thrifty equipments, equipments of control to follow the consumptions, limit the wastings (re-use) and bring in the so necessary time the corrections and the adjustments. Limitation of waterproofing of the plot of land.
 Valuation of rainwaters towards all the authorized uses. Plantation of local botanical species adapted to the climate, and recourse in a management differentiated and reasoned by the green spaces.
 Sideboard by modes of traffic soft, limitation of the car park and the optimization of dedicated surfaces (parking covered with photovoltaic with electrical plug for car, etc...)

6) Analysis – lessons learnt and success factors (600-800 characters)

At the beginning of the call for proposals, we will evaluate this instrument after February 2013 with the number projects received and their quality.
 We could evaluate all the program at the end of the operation, when all buildings will be realized.

7) Time frame

The beginning of the followed operation will be at the end of February 2013. At the end of february , 3 projects will be selected.
 The end of the support is planned for the end of 2014.

8) Contact project owner

Organisation: County council of Pyrenees orientates

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Web site eco construction under construction

9) Add Logo and 2-3 pictures or diagrams if appropriate!

