ressò
l'intérêt collectif

UNIVERSITAT POLITÈCNICA DE CATALUNYA
ESCOLA D'ARQUITECTURA DEL VALLÈS
SOLAR DÉCATHLON EUROPE
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Solar Decathlon (SD) is an international university contest promoted by the Energy Department of the USA. It came to Europe by 2007 and it will take place the third edition of Solar Decathlon Europe in Paris, France. The objectives of this competition are focused on the investigation, innovation, design and the future construction of self-sufficient energy prototypes and his functioning only with solar energy. Some of the most well-regarded universities worldwide are present and it is a big media showcase for II of the pioneers in the industry.
ETSAV took part in the first edition of SDE 2010 with the LOW3 prototype and his three basic concepts: Low Impact, Low Cost and Low Energy.

It was rewarded with the 1st PRIZE OF ARCHITECTURE, given up by three recognised architects: Glenn Murcutt, Louisa Hutton and Francisco Mangado.
In SDE 2012, ETSAV presented the (e)co project, *equilibrium through cooperation*. It was a prototype that understood the sustainability as the balance between social, economic and environment fields by the cooperation of different people.

The prototype fight to achieve the lowest cost and to reduce the energy consume through passive systems and a minimal environment impact.
WHAT? RESSÔ is a strategy that uses a collective infrastructure to catalyse a process of social and urban rehabilitation.

WHO? USER is an essential factor to be able to accomplish the rehabilitation process. His attitude and disposition to collectivate his activities and resources are decisive to get this saving.

HOW? It is important that the making real will be self-sufficient, adaptable to different urban fabrics and claimed an adaptative comfort to the users.
Ressò achieves self-sufficiency through passive systems. Occupancy and users activity defines climatic conditions and comfort temperatures. In consequence the space offers free climatic conditions of adaptive comfort.
Ressò has 111m² organized with a central area (81m²) and a L shaped perimeter strip (30m²).

We are talking about a community and collective space where his morphology express multifunctionality giving a neutral character where users can adapt to their necessities.
Ressò prototype looks for his URBAN IMPLEMENTATION with the objective of telling a response to particular troubles in an urban context through a community energy rehabilitation process.

The prototype as a social catalyser and resources management, with an ACTIVE USER leading the appropriation and free intervention of spaces for give sense to our prototype and a live style where resources will be managed in a collective way.

WHERE? St. Muç neighbourhood, located in Rubí, offer the opportunity to put in real context the prototype. So, the prototype will give a solution to some lacks of this location.
CONTACT

info@resso.upc.edu

+34 93 401 72 37

ETSAV - UPC
RESSÒ
C/ Pere Serra 1-15
Hivernacle Mòdul 2 08173
Sant Cugat del Vallès
Barcelona (SPAIN)

www.resso.upc.edu