URBAN SUSTAINABILITY

DATES:
COMPETITION_ Viva Arquitectura _Vivienda protegida de vanguardia: Octubre 2006

Basic project 2007 Implementation project 2007-2008 CONSTRUCTION 2010-2012 ARCHITECTS:

Abru Amann Alcocer, Andrés Cánovas Alcaraz, Nicolás Maruri González de Mendoza COLABORATORS:

COMPETITON: Ana López, Patricia Lucas, Rafael Palomares PROJECT: Beatriz Crespo, Ana López, Patricia Lucas, María Mallo, Rafael Palomares, Antonio Rodríguez, Roberto Rubio, Pablo Sigüenza, Vicente Solano.

CLIENT OCA, Construcciones y Proyectos SL / Ministerio de la Vivienda

QUANTITY SURVEYOR:

José Javier Rodrigo García ESTRUCTURES:

Ingeniería José Cerezo / Pentia Ingenieros

PHOTOGRAPHERS: SURFICE:26.768,08m²



Atxu Amann, Andrés Cánovas and Nicolás Maruri, architects by the School of Architecture of Madrid, associate in 1987. Since then, they teach at the ETSAM (Madrid School of Architecture) in Bachelor and Master.

They have focused their work in searching new housing types and housing blocks, according to contemporary public space and urban issues. But also they have worked in different programs, as museums or health centers, and urban issues in Cartagena and Murcia, in Spain. They have received more than seventy national and international awards, such as, Best State Subsidized Housing Block by Government of Madrid, Best Architectural Proposal by the Government of Murcia, First Prize

Biennale Zaragoza, National Housing Award and National Award for Preservation of Archeological Heritage 2012. Exhibition of their work have been held at the AA in London, NAI Rotterdam, IIT Chicago, Arizona CAPLAN, the Venice Biennale, at the Cervantes Institute in Rio, Sao Paulo, Paris, Rome and New York, AEDES Gallery in Berlin, at the RIBA in London, and in many schools and association of architecture in Spain. Their work has been published in more than three hundred magazines and books worldwide and is included in the Phaidon Atlas of SXXI architecture.

MEMORY

This project is produced in a context were the volume of the building is previously strictly define by urban regulations so the exterior form is not a problem to be considered, thanks! - For this reason it is possible to concentrate the design energy in other conditions. In this case in the specific study of the functional variables of housing: type.

The proposal is a building protected by two galleries, that has a interior dwellings space released of the presence of the structure. The mechanical and wel spaces are concentrated around a "technical wall". This decision allows: cross ventilation, free disposition of storage and flexible spaces.

The galleries are configured as an intermediate space between the inner housing and contact with the city. They are warm in winter and cool in summer. They are a thermal insulation space for the building and a same time a in-between space for different uses. The dwelling is thought around natural regulated thermal condition, the space in-between defend from noise and seeks defuse light, and protect from exterior views, to provide the best living ambience. The use of galleries is very traditional in the North of Spain, where rain and clouds are common every day, and reduce the use of heating in the winter. The summers are very humid so easy cross ventilation is an important necessity. The interior patio is place for some trees that help to protect the views and the noise between different dwellings.

The urban facade is solved with a polycarbonate skin located on the front of the continuous terrace, on the first level, instead of polycarbonate, the facade is made of perforated steel sheet. This skin is opened by a sliding system, which solves the relationship of the dwellings with the outside. The second front of the gallery is lined with ceramic tiles of various colors. The system allows a intermediate local between the outside temperature and the internal working climate condition. Ti interior color of the ceramic is in contrast with the gray skles of the area.





SOCIAL SUSTAINABILITY: flexibility>>housing variations

























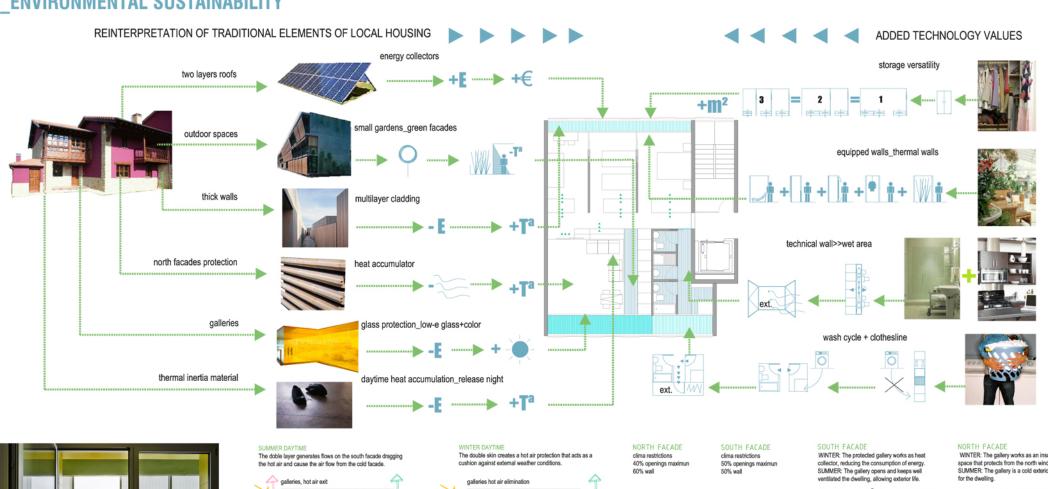


Project location: Mieres. Asturias. SPAIN

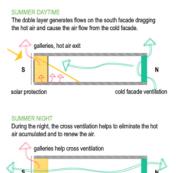
amann-cánovas-maruri (TEMPERATURAS EXTREMAS SLP)

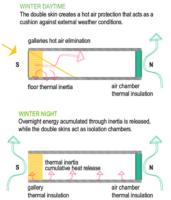
City - Country:

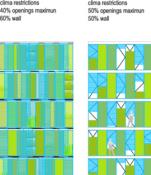
ENVIRONMENTAL SUSTAINABILITY

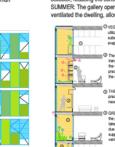




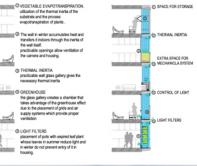






















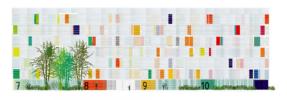






2013 Competition - Built Projects Division











amann-cánovas-maruri (TEMPERATURAS EXTREMAS SLP)

City - Country: