



10.24.2017
Press Release

Team Sapienza presents its prototype of house of the future in Dubai

An important appointment within the Solar Decathlon Middle East competition, **the Olympics of sustainable Architecture**, that have now reached a turning point, which Sapienza University of Rome is participating to representing Italy with a multidisciplinary Team lead by the Faculty of Architecture.

After one year from the beginning of the competition, the 21 competing university Teams, coming from 15 different countries in the world, had the opportunity to present a world premiere of the models of the houses, that will be built full-scale in Dubai next November 2018, to the thousands of visitors occurring to the **World Green Economy Summit in Dubai**.

The architectural models of the Solar Houses were exhibited to the public from 23rd to 25th October in a specially dedicated pavillion inside the Dubai Solar Show 2017 within the Water, Energy, Technology, and Environment Exhibition (**WETEX 2017**), the most important Fair in the Emirates on the themes of water and energy taking place every year at the Dubai International Convention and Exhibition Center beneath the Dubai Energy and Water Authority (**DEWA**).

The exhibition, accompanied by video presentations, had a resounding success among the public interested in the highly innovative solutions characterizing the competing projects.

The main purpose of each Team indeed is to design and build in two years the best full-scale prototype of the house of the future: green, smart and entirely powered by solar energy. The prototypes, fully functioning, will be exhibited to the public and evaluated by an international jury from 14th to 18th November next year.

The project **“ReStart4Smart”** presented by the Sapienza University students Team, lead by Prof. Marco Casini, through a revolutionary approach defined as “Architecture 4.0”, aims to respond to the heavy demand of efficiency, comfort, safety and affordability set by the 21st century Architecture. The project, **fully integrated with the climate and culture of the Middle East**, balances typological, construction and technological aspects aiming to innovative design and materials, renewable sources and next-generation Home Automation systems.

During the event in Dubai, Sapienza’s project also gained major compliments from the Italian Ambassador in the UAE, Liborio Stellino, and the Italian Government delegation lead by the Under Secretary of State for the Ministry of the Environment, Honorable Silvia Velo, visiting WETEX, who were glad to see the commitment and the excellent results reached by Italy and the first University of Rome in the fields of sustainable architecture and energy efficiency to face the great global challenge linked to the green economy.