

## Press Release

The construction of Team Sapienza's Smart Solar House, competing in the Solar Decathlon Middle East 2018 in Dubai, is successfully complete

***The Italian finalist team that will be participating in the sustainable architecture university Olympics has successfully completed the first assembly phase of the entirely solar-powered prototype house of the future at the CEFME-CTP center in Pomezia (Rome).***

**July 20, 2018** – The works have been successfully completed at the building training center CEFME-CTP (Pomezia, RM), that since last April has been the scenario of the first phase of construction of the prototype house of the future “**ReStart4Smart**” by the **Team from Sapienza University of Rome** competing in the **Solar Decathlon Middle East**, the sustainable architecture university Olympics that will get 21 Athenaeums from 15 Countries challenging each other at the evocative Mohammed bin Rashid Al Maktoum Solar Park (Dubai, UAE), the largest solar park in the world, for the final phase of the competition, running from 14th to 29th November 2018.

One of the main objectives of the international competition, that has the students as its absolute protagonists, is to build the best full-scale prototype house of the future, **green, smart and entirely powered by solar energy**, that has been involving Team Sapienza in an intense research, design and promotion activity for over two years.

Team Sapienza's **Smart Solar House**, entirely made of wood, was built in Pomezia starting April 2018 in order to undergo the very first tests of functioning and energy efficiency, that will be evaluated by an international jury: the conformation of the construction site at the CEFME-CTP center was designed to simulate as faithfully as possible the environmental conditions of the lot that will be hosting ReStart4Smart in Dubai at the Mohammed bin Rashid Al Maktoum Solar Park, such as positioning, exposure to sunlight and nature of the soil, and, accordingly, to get the results the most likely from the energetic point of view and put them into the first Energy Simulation Report.

Through the revolutionary approach defined as **Architecture 4.0**, the project by Sapienza University could apply and test the most advanced tools, materials and technologies now available in the construction industry with the purpose of building a sustainable house able to respond to the heavy demand of efficiency, comfort, safety and affordability set by the 21st century Architecture.

Team Sapienza's prototype, fully functioning, will open its doors to the public on July 23-27 for a series of visits and immersive tours that will allow visitors to explore and put their hands on the first prototype of house of the future.

The construction of the House of the Future was made possible thanks to the **full support from over 40 leading companies** that, as partners, have actively collaborated to the creation of the best Solar House prototype, with the purpose to guarantee the individuation of the most innovative solutions.

Starting July 30, Team Sapienza will start the disassembly and packing phase of the Solar House prototype, for the transportation to Dubai for the final phase of the competition.

#### Featured Media Appearances

**Sapienza Università di Roma:** [Al via i lavori di costruzione della Solar House del Team Sapienza](#)

**Aeropan:** [Aeropan per la Solar House ReStart4Smart, la casa del futuro prende forma](#)

**Costozero:** [Solar Decathlon Middle East Dubai. Nella Casa del Futuro c'è un pezzo di Tekla](#)

**CEFME-CTP:** [Workshop "Progetto ENERSELVES"](#)

**Regione Lazio:** [Strumenti politici per l'autoconsumo energetico negli edifici](#)

**Rinnovabili.it:** [Eco-edilizia 4.0 per la casa del futuro di ReStart4Smart](#)

**Verde Profilo:** [ReStart4Smart](#)

**Io Gioco Pulito:** [La Casa del Futuro è qui. Ve la mostriamo in anteprima](#)

**Graphisoft:** [Sapienza & ARCHICAD @ Solar Decathlon Middle East 2018 – Aggiornamento Luglio 2018](#)

**L'Eco del Litorale:** [Cefme Pomezia, il Sindaco e la Giunta visitano il prototipo di casa solare dell'Università degli Studi di Roma Sapienza](#)

**Nonsoloambiente:** [ReStart4Smart: il progetto per la nuova casa solare](#)



#### **Team Sapienza Solar Decathlon Middle East 2018**

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