SM4RT

Team Sapienza SDME

Join us as we embark on a journey to building a sustainable future participating in the _Solar Decathlon Middle East 2018_

With our project **ReStart4Smart** we aim to take on the new challenges of contemporary society that require a different way of designing, constructing, operating and upgrading the buildings we live in

Read More

HIGHLIGHTS

October 23rd-25th, 2017

Team Sapienza SDME Architectural Model Presentation of **ReStart4Smart** at the Dubai Solar Show 2017 (WETEX). Watch the event photogallery.

November 13th, 2017

Team Sapienza SDME Official Presentation of **ReStart4Smart**, the House of the Future, at the Microsoft House in Milan. Watch the event photogallery.

LATEST EVENTS

Klimahouse 2018, running January 24th-27th in Bolzano, is the leading trade show on sustainable construction in Italy. We were there.
Watch the event photogallery.

LATEST NEWS

X-Lam Dolomiti advanced CLT Panels have just arrived! ReStart4Smart Construction Site Official Opening is coming soon. Keep following us as the House of the Future rises! Watch photogallery.

UPCOMING EVENTS

Team Sapienza SDME will be participating to the Second International Workshop for Solar Decathlon Middle East that will be held at Hyatt Regency Dubai Creek Heights on April 16th-18th.

Get ready for an amazing RAI interview to Team Sapienza, that will air on April 22nd at 1:00PM on "Il Posto Giusto".
Follow us and take a sneak-peek into the backstage!

Media Appearances

Ingegneri.info   Edilportale   Eunews   Edilportale

Press Review

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Press Release

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The participation to the Solar Decathlon competition is based on a close relationship with the world of companies and the public, with the purpose of promoting technological innovation and environmental sustainability and to guarantee, at the same time, technical and economical feasibility of the Solar Houses of the future.

ReStart4Smart project is **fully supported by institutions, industrial and media partners** of excellence in order to guarantee the most advanced and innovative solutions and the widest reach to both professionals and public at large.

Support Team Sapienza in the Solar Decathlon Middle East 2018 competition and help us promote energy efficiency, renewable sources and a more sustainable and innovative architecture. For information on supporting our Team, contact us at:
sponsorship@restart4smart.com

HIGHLIGHTS

23rd-25th October 2017
Dubai Solar Show 2017 – WETEX

Team Sapienza SDME has participated at the **Dubai Solar Show 2017**, Region's Largest Sustainability & Renewable Energy Event, **during October 23-25 to showcase our architectural model and our project explanatory audiovisual along with the other 20 competing teams.**

Dubai Solar Show 2017 was held from 23rd October till 25th October 2017 at Dubai International Convention & Exhibition Centre (a part of the **Water, Energy, Technology, and Environment Exhibition (WETEX)**) organized by Dubai Electricity & Water Authority.

Dubai Solar Show highlighted the latest innovations in the solar energy field through offering a unique platform to forge partnerships between public and private sectors to develop innovative solutions. It has been a key platform for the public and private sectors to make deals, build partnerships, review the latest solar-energy technologies, learn about current and future projects in the region and market needs, and explore opportunities to take part in solar-energy projects and programmes.

Over 1,900 world leading brands represented at Dubai Solar Show & WETEX 2016 from Power, Water & Sustainability and Renewable sector in the Region's Largest Government Organized Trade Show for Power, Water and Environment Sector from over 48 countries with the exceptional visitor turnout of over 25,000 visitors from over 65 countries.

Dubai Solar Show & WETEX attracts the number of Sponsors with the specialized stand displays, with the focus on strengths, innovations and technologies to meet with the major Government Utility, participating companies and decision makers from Energy, Power and Water Industry.

Photogallery

13th November 2017

Team Sapienza unveils ReStart4Smart, the House of the Future – Microsoft House

Microsoft House hosted the event for the presentation of the House of the Future prototype "ReStart4Smart" by the Team from Sapienza University of Rome competing in the Solar Decathlon, the university sustainable architecture Olympics that, in 2018, will be hosted for the first time in the Middle East in Dubai with the participation of 21 Athenaeums from 15 countries from around the world. The main objective of the international competition, that sees the students as protagonists, is to design and build the best full-scale prototype of the house of the future: green, smart and completely powered by solar energy. A hard task, for which Team Sapienza found in the new technologies valid allies, thanks to the collaboration with respected IT players, among which Microsoft, that opened the doors of its own location for the finalist Italian project presentation.

Through a revolutionary approach defined as Architecture 4.0, the project by Sapienza aims to 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. Exploiting the huge and not yet explored potentials offered by digital modeling (BIM), mixed reality (virtual reality and augmented reality) and 3D-printing, the project will balance typological, construction and technological aspects focusing on design and innovative materials (XLam, Aerogel, PCM, Cool colors), renewable sources (OPV, LSC, Energy storage), as well as the latest generation systems and Home Automation devices and equipment (heat pump, smart lighting, smart kitchen, virtual assistant).

In particular, the significant partnership with Microsoft Italia, in addition to hosting the ReStart4Smart project presentation event, has contributed to the team success thanks to its technology, and is currently collaborating with Sapienza within a wider programme for the renovation of the educational offer that the first University of Rome, and in particular the Faculty of Architecture, aims to take forward in the next years. The main purpose is to empower the informatics tools available to the students and to introduce and experiment innovative digital ways of education provision as a support to the teaching and research activity, benefiting from Microsoft Student Advantage and Azure for Research programmes.

Photogallery
Video

LATEST EVENTS

24th-27th January 2018
Klimahouse 2018

From 24th to 27th January the **Klimahouse 2018** event was held at Fiera di Bolzano, a fair dedicated to the expertises developed in Alto Adige region from a point of view of building construction and the technological innovations in this field.

Klimahouse fair organizes each year several contests in order to encourage exhibitors to constantly improve the product offer and presentation of the company itself.

Team Sapienza participated to the event with some of its Technical Partners for the Solar Decathlon Middle East 2018, such as X-Lam Dolomiti and Soltech, world leaders in the field of wood construction, AMA Composites and REDI, which exhibited an architectural model of the Solar House at their own stands, offering a precious opportunity to the Team Members to present the project ReStart4Smart to professionals and the large public participating to the exhibition.

Photogallery