



**SOLAR
DECATHLON**

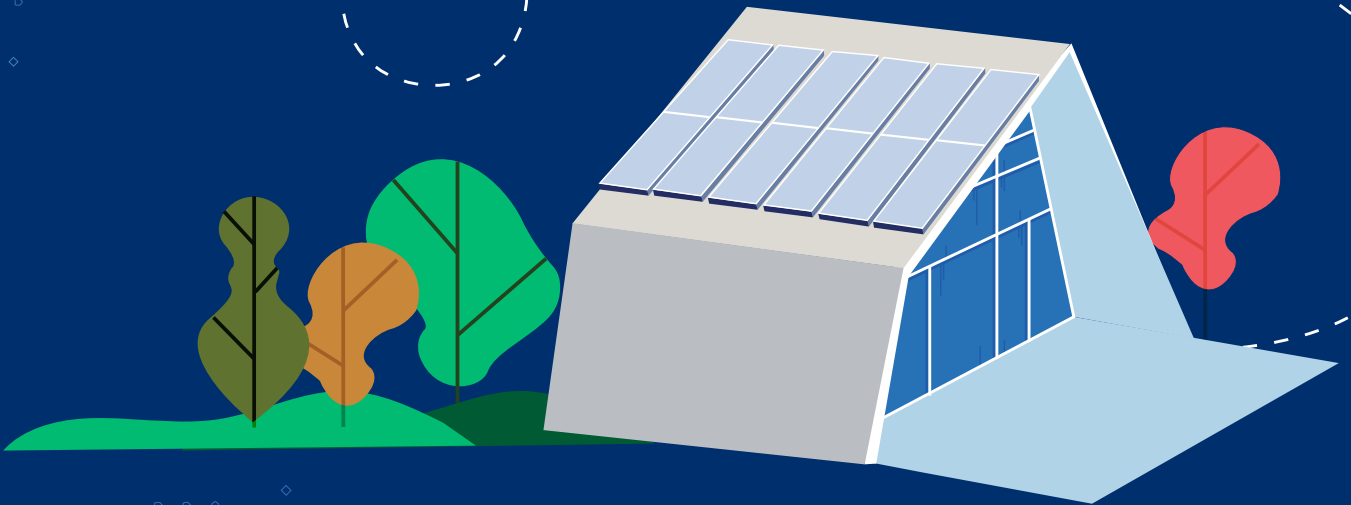
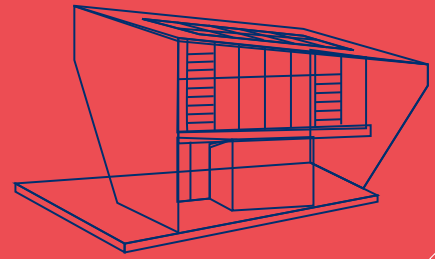
MIDDLE EAST
DUBAI, UAE

ORGANISED BY

هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority



MEDIA KIT





“The future starts today, not tomorrow.”

HH Sheikh Mohammed bin Rashid Al Maktoum
Vice President and Prime Minister of the UAE and Ruler of Dubai



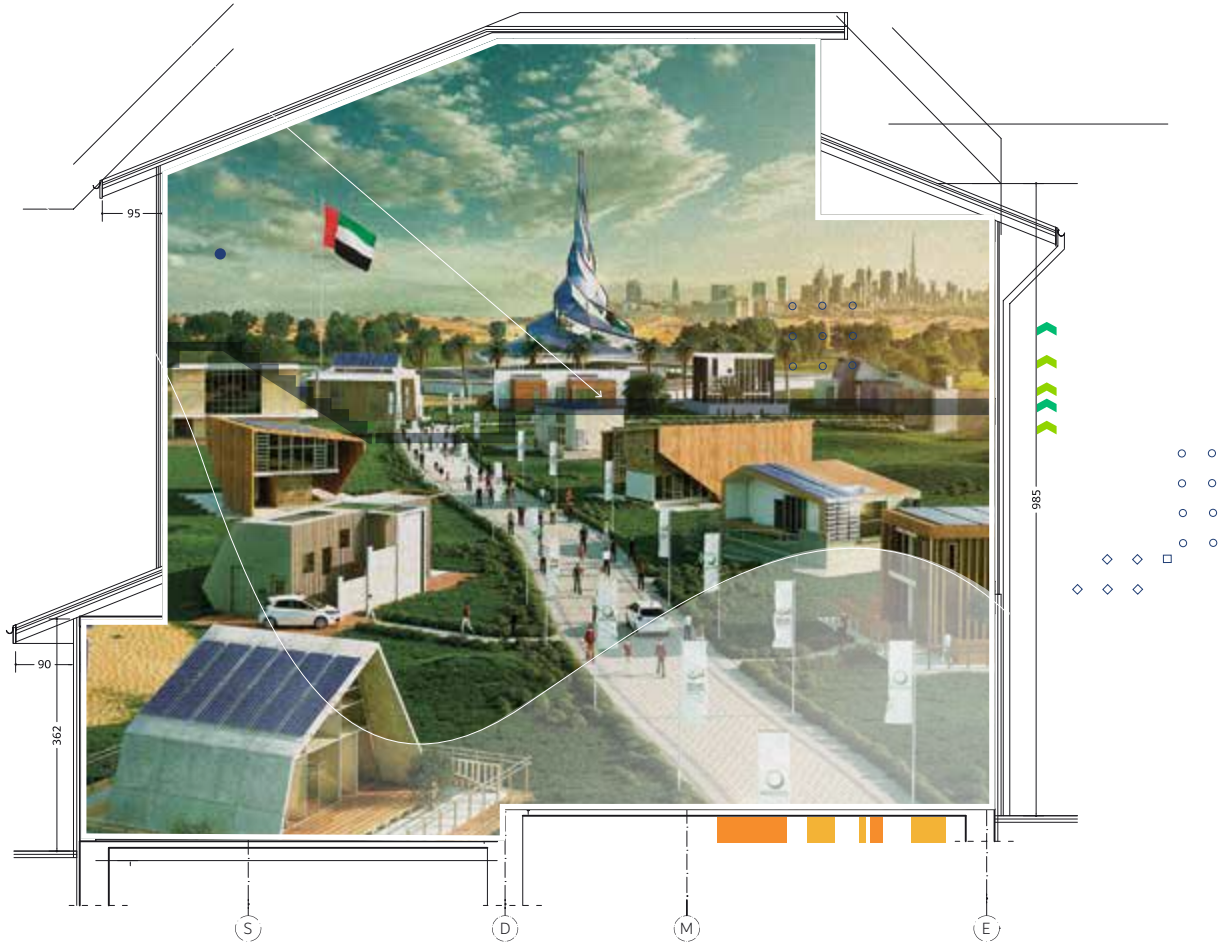
Solar Decathlon Middle East (SDME) is organised under the patronage of **HH Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum**, Crown Prince of Dubai and Chairman of Dubai Executive Council. The Dubai Supreme Council of Energy, Dubai Electricity and Water Authority (DEWA), and the US Department of Energy signed an agreement to collaborate on the development of the **Solar Decathlon Middle East (SDME)** in November 2018 - November 2021; a competition that will integrate unique local and regional characteristics.

All proposals focus on solving the issues and needs for the sustainable living in the Middle East, where high temperatures, high humidity and dust condition. International teams enter the challenge for the opportunity to win prizes totalling AED 10 million.



SOLAR DECATHLON

MIDDLE EAST
DUBAI, UAE



This **media kit** provides direction and information about the competition.

The Solar Decathlon Competition is a collegiate competition, comprising 10 contests that challenge student teams to design and build highly efficient and innovative buildings powered by renewable energy. The winners will be those teams that best blend architectural design and engineering excellence with innovation, market potential, building efficiency, and smart energy production.




هيئة كهرباء ومياه دبي
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EXPO
2020
DUBAI
UAE
OFFICIAL SUSTAINABLE ENERGY PARTNER

The 2nd SDME – Special EXPO Edition

The SDME 2021 is part of the Memorandum of Understanding (MOU) signed between Expo 2020 and DEWA, with DEWA as Official Sustainable Energy Partner. Both organisations have formed a national partnership to maximise the use of clean energy and deliver the most sustainable World Expo.

SDME 2021 will take place in Dubai, as part of the Expo 2020 activities, offering participating universities and their partners the best opportunity to be part of the most important event of its kind. The unique houses designed and constructed by the participating teams will be exhibited in a period when sustainability, innovation, and green energy will be in the minds of all the people living in or visiting Dubai.



SDME 2021 – Seven Pillars

SDME 2021 has decided to focus on seven interrelated pillars for this competition. These pillars coincide with the goals of DEWA and the World Expo 2020, and shall be present in all the SDME 2021 houses.

- ◆ Future
- ◆ Innovation
- ◆ Sustainability
- ◆ Clean Energy
- ◆ Mobility
- ◆ Smart Solutions
- ◆ Happiness



SDME 2021 - Objectives

The objectives of the SDME 2021 are aligned with the goals of the World Expo 2020, the National Innovation Strategy of the UAE and DEWA's Strategic Plan. These objectives are:

- ◆ To accelerate the future of sustainable buildings, exploring the possibilities of using breakthrough solutions and cutting-edge technologies to increase the energy efficiency, people's happiness and the sustainability level of the buildings and cities
- ◆ To educate the participant students on the benefits and opportunities offered when using renewable energy technologies, energy management, smart solutions, and advanced materials, challenging them to think creatively and develop innovative approaches that contribute to the building of more sustainable buildings
- ◆ To promote research in the buildings, cities and clean energy as well as the collaboration between industry and academia
- ◆ To encourage professionals from different industries to select materials and systems that reduce the environmental impact of buildings, optimizing the economic viability and providing comfort and safety of occupants
- ◆ To raise awareness about the responsible energy use, renewable energy, energy efficiency, and the technologies available that support in reducing and optimising energy use
- ◆ To foster sustainable transportation
- ◆ To promote architecturally attractive solar systems integration, through replacing conventional construction materials in the building envelope such as the roof, skylights or facades with solar technologies
- ◆ To bring high efficiency architectural and engineering solutions for the Middle East's climate
- ◆ To demonstrate that high-performance solar homes can be comfortable, attractive and affordable
- ◆ To demonstrate that an attractive and well-designed house can generate enough electricity to meet the needs of a household including transportation

COMPETITION CALENDAR 2021 (October 20 - November 22, 2021)

MOHAMMED BIN RASHID ALMAKTOUM SOLAR PARK

SUN	MON	TUE	WED	THU	FRI	SAT
			OCTOBER 20 WELCOMING CEREMONY	21 Assembly 1	22 Assembly 2	23 Assembly 3
24 Assembly 4	25 Assembly 5	26 Assembly 6	27 Assembly 7	28 Assembly 8	29 Assembly 9	30 Assembly 10
31 Assembly 11	NOVEMBER 1 Assembly 12	2 Assembly 13	3 Assembly 14	4 Assembly 15	5 Solar Hai Final Setup	6 Solar Hai Final Setup
7 OPENING CEREMONY Exhibition 1	8 Competition 1 Exhibition 2	9 Competition 2 Exhibition 3	10 Competition 3 Exhibition 4	11 Competition 4 Exhibition 5	12 Competition 5 Exhibition 6	13 Competition 6 Exhibition 7
14 Competition 7 Exhibition 8	15 Competition 8 Exhibition 9	16 Competition 9 Exhibition 10	17 Competition 10 Exhibition 11	18 Competition 11 Exhibition 12	19 Competition 12 Exhibition 13	20 Exhibition 14
21 FINAL AWARD CEREMONY Exhibition 15	22 Exhibition 16	23	24	25	26	27
28	29	30	1	2		

*Please note that the above dates are subject to change.



For more information and media inquiries please contact us:

Media Contacts

Dubai Electricity & Water Authority
Marketing & Communication Office
media@dewa.gov.ae
Office: 04 32 23833 | Mobile: 0549984181

General Enquiries

Dubai Electricity & Water Authority
sdme@dewa.gov.ae | 04 322 3496

Hashtags

#SDMEDubai | #SDME2020 | #SDME2021

Media Channels

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Website: www.solardecathlonme.com

General Media Access

Additional details for media visits will be added as they become available



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