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**FOUNDATION**

**The Energy Endeavour Foundation,  
recent winner of the European Solar Prize,  
stewards student research competitions  
& awareness activities in the fields  
of social, economic & environmental  
resource-responsibility. It's flagship project  
is the Solar Decathlon Europe, the ultimate  
international university competition  
in resource-responsible architecture!**

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**P R E S S   K I T**

**AUGUST\_ 2019**



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## **SOLAR DECATHLON EUROPE \_\_ FACTS & IMPACT**

- 4 Editions of the SDE (2010, 2012, 2014, 2019)
- 73 Houses
- 2000+ students
- 26 countries on 5 continents
- 500.000+ visitors
- 50.000.000 media impacts
- EEF Call for Cities SDE19 & jury process, 01\_17
- EEF designation Szentendre SDE19 host city, 03\_17
- EEF Call for Teams SDE19 & jury process, 07\_17
- SDE19 Teams designation 12\_2017
- EEF designation Wuppertal, Germany, SDE21 host city, 02\_19
- EEF Call for Teams SDE21 & jury process, 03\_19
- SDE21 Teams designation 12\_2019
- 14 countries represented SDE19
- 45+ universities involved
- 4 continents represented in SDE19

**SDE COUNTRIES: FRANCE, SPAIN, ROMANIA, JAPAN, NETHERLANDS, DENMARK, CHILE, USA, GERMANY, THAILAND, SWITZERLAND, MEXICO, ITALY, INDIA, COSTA RICA, TAIWAN, FINLAND, PR CHINA, UK, HUNGARY, BRASIL, PORTUGAL, BELGIUM, GREECE, EGYPT, ALGERIA**



**PRESS RELEASES**

- 1 What is the Solar Decathlon Europe?
- 2 The Solar Decathlon Worldwide Phenomenon
- 3 Energy Endeavour Foundation (EEF) - The Story

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**KEYS**

Net ZEB, sustainability, energy-efficiency, resource-responsability,  
green building, eco-friendly architecture, innovation

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**TARGETS**

academic journals & communities, industry partners & sponsors,  
policy-makers, energy-efficiency & resource responsibility stakeholders,  
talent (professional) recruiters, architectural & engineering  
specialised press, international green-workforce, circular economy  
& start-up communities

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**LINKS**

<http://solardecathlon.eu>  
<http://energyendeavour.org>  
<http://sde21.eu>



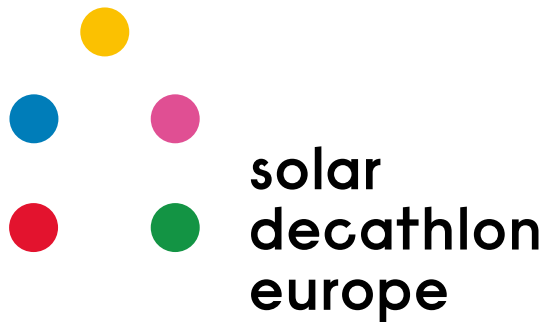
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## 1 WHAT IS THE SOLAR DECATHLON EUROPE?

Innovative ideas, cutting-edge tech, powerful university Teams.

The Solar Decathlon Europe is an award-winning international competition challenging ambitious university Teams to design, build and operate 1:1 dwellings that are powered by renewable energy. The Competition focuses on 10 separate contests, which show us how our living spaces can be simultaneously resource-responsible, cost-effective and attractive. The Solar Decathlon is a way to spread the word, educating citizens worldwide on how they can choose to live responsibly without sacrificing convenience, comfort, performance or pleasure. Teams work to assemble the buildings in record time, under demanding conditions! When the houses pass inspection, they are opened to the public, evaluated by a jury of renowned international experts, and truly celebrated in an open solar village exhibition, a truly ingenious forum for learning-by-building.



**“Energy literacy is mankind’s greatest challenge”**  
Richard King, founder of the U.S Solar Decathlon



## 2 THE SOLAR DECATHLON WORLDWIDE PHENOMENON

Multi-cultural & multidisciplinary university students,  
the change-agents of tomorrow

At the turn of this millennium, Richard King, a scientist with the United States Department of Energy, had a vision. He believed that the best way to encourage energy literacy was by empowering the change-agents of tomorrow. The Solar Decathlon Competition was initiated, encouraging multi-disciplinary university students to become our leaders in sustainable living. The first Solar Decathlon (SD) was launched in 2002, challenging university Teams to compete, through 10 separate contests, in the design, construction and operation of highly resource-efficient dwellings, powered by renewable energies.

The first edition of the Solar Decathlon took place on the U.S. nation's stage, the National Mall, in Washington D.C. The event welcomed over 200,000 visitors! By generating widespread media coverage to reach millions of people, the Solar Decathlon educated the broader public on the benefits, affordability and availability of clean energy solutions.

**“Solar Decathlon Teams are asking pointed questions about how we want to live in our buildings, our homes, neighbourhoods, communities and cities, showing us cutting-edge innovations and solutions for real-world problems!”**  
**Louise Holloway, director of the Energy Endeavour Foundation**

The next SD competitions in 2005, 2007 & 2009 were equally successful with important international participation. The SD 2011 saw record international participation with Teams from Belgium, Canada, China & New Zealand. The SD, a force, gaining worldwide momentum.

This momentum led to the first SD competition outside the U.S. The first Solar Decathlon Europe took place in the summer of 2010, in Madrid, Spain, broadening an international perspective of the Competition. In 2012, Teams from 11 countries, including Asia & South America, competed for the ultimate best scores in the 10 contests. The SDE14 in Versailles welcomed 20 Teams from 16 nations and 4 continents, all participating in a naturally charged & exciting French hub, focusing on local urban issues and streamlined communications actions. The Speed Peer Review Bonanza kicked off the Competition, which showcased some of the most ambitious houses yet in the SD story. Today, in Europe, the SDE is based on the original model, where Teams compete in the 10 contests, moving beyond the single dwelling home while considering the existing building stock in our cities and our urban & built environments.



In parallel, the SD has expanded and prospered in other parts of the world. China has hosted two editions of the Solar Decathlon competition (SDC), bringing together thousands of visitors and international participants. In 2015, the Solar Decathlon Latin America and Caribbean broke ground in Santiago de Cali, Colombia. Last year, we saw the first Solar Decathlon Middle East in Dubai, United Arab Emirates. In 2019, three Solar Decathlon competitions are taking place: Solar Decathlon Europe (SDE19, Szentendre, Hungary (right here!) in July; Africa (SDA, Ben Guérir, Morocco) in September, and Latin America and the Caribbean (SDLAC19, Columbia) in December.

The SDE19 in Szentendre, Hungary, emphasizes solutions aimed at the renovation of existing building stock and poses a number of new challenges to competing Teams, such as the application of local recycled materials, the high-level integration of solar photovoltaic and solar cell systems, solutions for summer overheating of buildings, bioclimatic planning and nature-based alternatives, as well as the use of high-performance composite materials. **The event, held at ÉMI Szentendre Industrial Park, ran through the average fourteen days of Competition with an extended exhibition of two months.**

Stewarded by the Energy Endeavour Foundation, hosted by the city of Szentendre, ÉMI, and the Budapest University of Technology and Economics, the SDE19 celebrates the art of smart building: we welcome you to this milestone edition of the Solar Decathlon Europe!

**Stay tuned for the upcoming SDE21, in Wuppertal, Germany, in which the Solar Decathlon Europe goes distinctly urban! The Call for Teams for SDE21 is ongoing and teams from around the world can apply until October 25th, 2019. A juried selection of applications will be announced in December 2019.**

**“The Solar Decathlon Europe competition is an experience of a lifetime. Nothing beats seeing a complete solar village emerging from the ground. All Teams have become one SDE19 family during the competition where we all learned from each other. Having a diverse group of decathletes from different countries enriches this knowledge exchange considerably. As for the students, they get the full package. The unique experiences gained during the SDE19 will open future doors for them. Most importantly, the Solar Decathlon Europe competition allows us to spread a very important message by showcasing solutions that bring us closer to an energy transition.”**

**Andy van den Dobbelen, Faculty Advisor of the MOR Team TU Delft**



### 3 ENERGY ENDEAVOUR FOUNDATION (EEF) - THE STORY

#### Bringing the Solar Decathlon back to Europe!

Three Solar Decathlon Europe editions were not enough. After the groundbreaking SDE10 & SDE12 editions in Madrid, and the wonderful SDE14 in Versailles, former SDE Organisers and participants designated a secretariat to explore avenues for SDE continuity. After many efforts to secure long-term support from various European and international agencies, the SDE secretariat proposed a new organisational model to the U.S. Department of Energy, which was enthusiastically endorsed. Their meeting at the UN Habitat III conference in 2016 in Quito, Ecuador, was indeed a pivotal moment. The Energy Endeavour Foundation was established after this robust collective campaign to bring the Solar Decathlon back to Europe.

Winner of the Eurosolar 2018 European Solar Prize, the EEF is a Netherlands-based non-profit entity, buttressed by the EEF Board of Directors. It draws upon the input of the Solar Decathlon Europe Council of Experts, including former SDE Organisers, supporters and participants. In keeping with its charter, the EEF issued a first Call for Cities; based on the recommendations of an international jury of experts, the EEF designated Szentendre, Hungary as the host City for the SDE 2019. A Call for Teams was issued in 2017 and the designated Teams have brought their ambitious designs to Szentendre. In 2018, the EEF issued the SDE21 Call for Cities and Wuppertal, Germany was designated by the EEF to host the upcoming SDE21. The SDE21 Call for Teams is ongoing.

In its quest for collaborative contributions to resource responsibility, the Energy Endeavour Foundation is dedicated to the vibrant and ever-growing initiatives that link academia, research, industry and workforce. Recent winner of the European Solar Prize, the EEF seeks to empower today's consumers and citizens to be active responders to energy use, equitable living, and climate change. It celebrates today's generation of conscientious doers and makers, tomorrow's creative leaders, and their inspiring actions leading to impactful innovation. The EEF champions all energy literacy advocates, valuing human capital & entrepreneurship in our built environment; it is bolstered in its continued transfer of knowledge, stewardship, and special care of the Solar Decathlon Europe competition and corresponding brand values.





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## Don't miss out!

EEF Director Louise Holloway encourages all future Decathletes to take part in the SDE21 in Wuppertal, Germany: they will continue to prove that with grit, gumption and bold action, Decathletes lead the way through the singular experience of learning-by-building!

## The SDE21 goes urban in Wuppertal, Germany!

## Deadline for proposals is October 25, 2019!

Details of the SDE21 Call for Teams are here:

[http://solardecathlon.eu/sde21\\_-call-for-teams-documents/](http://solardecathlon.eu/sde21_-call-for-teams-documents/)

or here:

[http://solardecathlon.eu/call-for-teams\\_-sde21\\_-goes-urban/](http://solardecathlon.eu/call-for-teams_-sde21_-goes-urban/)







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#### **SOCIAL MEDIA**

- 1 RFI (French radio station)  
Hongrie: «Solar Decathlon Europe», une compétition universitaire internationale
- 2 RTS (Swiss radio station)  
Le concours Solar Décathlon réunit des étudiants du monde entier pour imaginer la maison du futur
- 3 SOLAR DECATHLON EUROPE 2019 (Facebook)  
Louise Holloway (Director, EEF) explains why Solar Decathlon Europe 2019 is the best place you could be right now!
- 4 SOLAR DECATHLON EUROPE 2019 (Youtube channel of SDE19)  
SDE19 Teamwork \_ owner ÉMI Non-profit Ltd
- 5 SOLAR DECATHLON EUROPE 2019 (Youtube channel of SDE19)  
SDE19 From the beginning \_ owner ÉMI Non-profit Ltd
- 6 SOLAR DECATHLON EUROPE 2019 (Youtube channel of SDE19)  
SDE19 Award ceremonies \_ owner ÉMI Non-profit Ltd



## 1 HONGRIE: «SOLAR DECATHLON EUROPE»

<http://www.rfi.fr/emission/20190720-hongrie-le-solar-decathlon-europe-une-competition-universitaire-internationale>



## 2 LE CONCOURS SOLAR DÉCATHLON RÉUNIT DES ÉTUDIANTS

<https://www.rts.ch/play/radio/tout-un-monde/audio/le-concours-solar-decathlon-reunit-des-etudiants-du-monde-entier-pour-imaginer-la-maison-du-futur?id=10586463>



## 3 LOUISE HOLLOWAY (DIRECTOR, EEF) EXPLAINS

<https://www.facebook.com/watch/?v=2404277486563815>



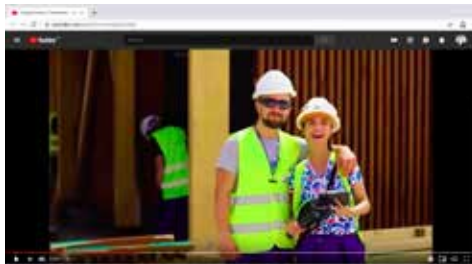


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#### 4 SDE19 TEAMWORK

<https://www.youtube.com/watch?v=mA0qGGtUDQI>



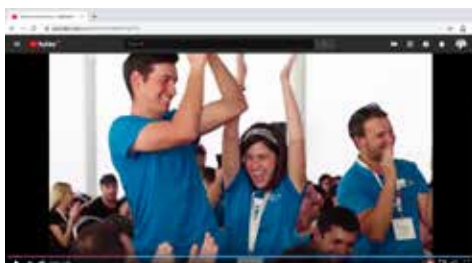
#### 5 FROM THE BEGINNING

<https://www.youtube.com/watch?v=hk9wmVb9q-M>



#### 6 AWARD CEREMONIES

<https://www.youtube.com/watch?v=RCmKWHTwPT4>





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#### IMAGES

- 1 SDE10 \_ SDEurope
- 2 SDE12 \_ SDEurope
- 3 SDE14 \_ Jason Flakes, Valeria Anzolin & Baptiste Fernandez Mota
- 4 SDE19 \_ EMI Non-profit Ltd, Energy Endeavour Foundation



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## 1 SDE10, MADRID, SPAIN



## 2 SDE12, MADRID, SPAIN







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### 3 SDE14, VERAILLES, FRANCE



### 4 SDE19, SZENTENDRE, HUNGARY

