



U.S. DEPARTMENT
OF ENERGY
SOLAR
DECATHLON

October 5–15, 2017

61st & Peña Station, Denver, Colorado





Solar Decathlon 2017

Teams

Las Vegas

*University of Nevada, Las Vegas
(Las Vegas, Nevada)*

Maryland

*University of Maryland
(College Park, Maryland)*

Missouri S&T

*Missouri University of Science and
Technology (Rolla, Missouri)*

Netherlands

*HU University of Applied Science
Utrecht (Utrecht, Netherlands)*

Northwestern

*Northwestern University
(Evanston, Illinois)*

Swiss Team

*École Polytechnique Fédérale de
Lausanne, School of Engineering and
Architecture Fribourg, Geneva
University of Art and Design,
and the University of Fribourg
(Lausanne, Switzerland)*

Team Alabama

*University of Alabama at
Birmingham; University of
Alabama, Huntsville; and Calhoun
Community College
(Birmingham, Alabama)*

Team Daytona Beach

*Embry-Riddle Aeronautical
University and Daytona State
College (Daytona Beach, Florida)*

UC Berkeley/U of Denver

*University of California at Berkeley
and University of Denver (Berkeley,
California and Denver, Colorado)*

UC Davis

*University of California, Davis
(Davis, California)*

Wash U St. Louis

*Washington University
(St. Louis, Missouri)*

Washington State

*Washington State University
(Pullman, Washington)*

The U.S. Department of Energy Solar Decathlon is a biennial collegiate competition made up of 10 contests that challenge student teams to design and build full-size, solar-powered houses. The winner of the competition is the team that best blends design excellence and smart energy production with innovation, market potential, and energy and water efficiency.

The Solar Decathlon is much more than a collegiate competition. It's an intensive course in sustainable practices for the participating college students. For visitors, it's an informative demonstration that includes energy efficient design, clean energy technologies, and more! Solar Decathlon 2017 will feature a sustainability expo, professional development and consumer workshops, and middle school education events.

Solar Decathlon 2017 will be located in Denver, Colorado, adjacent to the 61st & Peña Station on the University of Colorado A line commuter train that connects Denver International Airport to Union Station in downtown Denver.



As one of the top 10 metro areas for solar installations and sunny days, Denver is a smart choice to host Solar Decathlon 2017. The Denver region boasts significant city, county, and state commitments to sustainable development, as well as proximity to dozens of research, technology development, and higher education institutions.

Solar Decathlon 2017 will be located within the mixed-use development at the 61st and Peña Station. The City and County of Denver, and the Denver International Airport partnered with Panasonic and Xcel Energy to create a national model for sustainable, transit-oriented, development that can enhance the region's overall economic competitiveness. This mixed-use development will emphasize vibrant urban living—linking employment opportunities with new housing choices along Denver's eastern corridor.





The Solar Decathlon is living proof that bright minds can change our world for the better. It provides hands-on experience and unique training that prepare the participating competitors to enter the clean energy workforce. This international competition has been a driving force in creating renewable energy and energy efficiency awareness since its inception in 2002. Technologies and solutions used in the Solar Decathlon homes have advanced the residential building industry in the United States and abroad. Former Solar Decathletes who have participated in these events, whether in the United States, China, Europe, or Latin America and Caribbean, have made significant contributions to improve the clean energy economy worldwide.



Since 2002, The Solar Decathlon has positively impacted more than 200 teams and 30,000 collegiate participants. Since 2010, The Solar Decathlon has expanded to Europe, China, Latin America and Caribbean, the Middle East, and Africa to involve nearly 12,000 participants. New editions of Solar Decathlon China and Latin America and Caribbean are planned for 2017 and 2018, respectively. Two editions of Solar Decathlon Middle East are planned for 2018 and 2020 in Dubai, United Arab Emirates; and, Solar Decathlon Africa is planned for 2019 in Morocco.

Solar Decathlon 2017 Contests

1. Architecture
2. Market Potential
3. Engineering
4. Communications
5. Innovation
6. Water
7. Health and Comfort
8. Appliances
9. Home Life
10. Energy

Each contest is worth a maximum of 100 points, for a competition total of 1,000 points. Teams can earn points by completing tasks that simulate modern living, by ensuring their houses and appliances perform to specified criteria, and through jury evaluations. Juries are composed of individual jurors at the top of their respective professions. Renowned in their chosen fields of expertise, they bring professional excellence and practical in-the-field expertise to each of the contests they evaluate.





U.S. Department of Energy Solar Decathlon Targeted Exposure Opportunities

Onsite Public Engagement

- 90,000+ visitors over 9 days to experience the competition, events, and expo
- 350,000+ house tours conducted by student decathletes
- 6,000+ middle school students and teachers
- 1,000+ volunteers donating more than 7,500 hours

Worldwide Media Coverage

Total media impressions exceeding 2 billion with more than 2,500 stories and 200 onsite media for a single event.

Digital Reach

The full digital reach of the Solar Decathlon is accomplished through websites, blogs, and social media accounts dedicated to the Solar Decathlon, the U.S. Department of Energy (DOE) and its Office of Energy Efficiency and Renewable Energy (EERE).

Web

- Nearly 1 million page views and 500,000 visitors for Solar Decathlon 2015

Facebook Fans

- Solar Decathlon, 19,000+
- DOE, 105,000+
- EERE, 150,000+

Twitter Followers

- Solar Decathlon, 16,000+
- DOE & EERE, 300,000+

YouTube Subscribers

- Solar Decathlon, 1,600+
- DOE & EERE, 12,500+

Flickr Followers

- 2.4+ million overall views

Instagram Followers

- 1,000+ photos tagged by the public

Blogs

- Average 7,000 viewers per blog post

Show Your Support!

Visit

Tour the houses and meet the students involved in this year's competition. Student teams will provide free public tours on Thursday, October 5 – Monday, October 9, 2017 and Thursday, October 12 – Sunday, October 15, 2017. Explore all the exciting activities surrounding this event including the expo, workshops, and more!

Get Involved

Partnership, volunteer, and team sponsorship opportunities are currently available:

Partnerships

Please contact Perry Luksin,
Partnerships Manager
202-406-4117
pluksin@energetics.com

Student Team Sponsorship

Please contact the teams individually. Details are posted on the Solar Decathlon website:
<http://www.solardecathlon.gov/2017/competition-teams-contacts.html>

Volunteer

Please contact the Solar Decathlon Volunteer Team,
volunteers@confluencecc.com



Follow Solar Decathlon 2017:



website: solardecathlon.gov