Solar Decathlon 2020: Design | Build

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Solar Decathlon: A History of Innovation

The U.S. Department of Energy Solar Decathlon® is a collegiate competition that prepares the next generation of building professionals to DESIGN, BUILD, and ADVOCATE for zero energy buildings.

Established in 2002
36,000 participating students
5 international competitions
New Solar Decathlon Structure

Design Challenge
- Commercial
  - Elementary School
  - Office Building
  - Mixed-Use Multifamily
  - Attached Housing
  - Suburban Single-Family
  - Urban Single-Family

Build Challenge
- Residential
  - Local Build
  - National Showcase

10 CONTESTS
Design Challenge 2019 at NREL
2020 Build Challenge Teams

- University of Nevada, Las Vegas*
- University of Witwatersrand, South Africa*
- Kansas State University*
- Hogeschool Utrecht University, The Netherlands*
- Universidad Técnica Federico Santa María, Chile*
- University of Illinois*
- Missouri S&T
- University of Colorado, Boulder
- University of Denver
- University of Waterloo, Canada
- Weber State University, Utah

* Team will bring home to National Mall
Returning to the Mall with Smithsonian Folklife

500,000+ attendees expected!
Solar Decathlon Build Challenge Key Events

April 12-14, 2019
Design Challenge Weekend

June 1–21, 2020
Solar Decathlon Community Exhibition Month

April 17-19, 2020
Design Challenge Weekend

June 25–July 5, 2020
National Showcase at Smithsonian Folklife Festival on National Mall
Opportunities to Partner

• Sponsorship
• Student team event host
• Design Partners pilot
• Coordinated events focused on zero energy
• Education sessions on the National Mall
• Staff volunteers