

Bring your vision of sustainable housing to life in the Solar Decathlon 2023 Build Challenge!



Design and Build an innovative home in your local community that addresses climate change and environmental justice!

The U.S. Department of Energy Solar Decathlon® is a collegiate competition, comprising 10 Contests, that challenges student teams to design and build highly efficient, innovative, low-carbon buildings powered by renewable energy.

The top 20 teams will receive **\$50,000 of funding** to bring purpose-driven design to their local communities through existing home retrofits, affordable housing options, campus living labs, or other client-specific projects. Participating schools will then go head-to-head in 10 Contests:

- ARCHITECTURE
- ENGINEERING
- MARKET ANALYSIS
- DURABILITY AND RESILIENCE
- EMBODIED ENVIRONMENTAL IMPACT
- INTEGRATED PERFORMANCE
- OCCUPANT EXPERIENCE
- COMFORT AND ENVIRONMENTAL QUALITY
- ENERGY PERFORMANCE
- PRESENTATION

Transportation and reassembly are no longer needed! Teams in the 2023 Build Challenge will build permanently in their own communities. Lower Cost. Lower Carbon Footprint. Higher Impact. Greater Accessibility.

Team Application Deadline

October 26, 2021

Competition Events

April 22-24, 2022

Approval to Proceed and Prize Funding Announced, Golden, Colorado, USA

April 21-24, 2023

Competition Event and Winners Announced, Golden, Colorado, USA

Questions

SDbuild@nrel.gov



U.S. DEPARTMENT OF ENERGY
SOLAR DECATHLON
BUILDING IMPACT FOR 20 YEARS

20th
ANNIVERSARY

2002-2022

2023 Build Challenge

Read the rules and apply at WWW.SOLARDECATHLON.GOV