



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 and innovative buildings powered by renewable energy.

Prepare next generation clean energy workforce.

Educate students and public about high-efficiency buildings and renewables.

Demonstrate benefits to public.

Engage stakeholders to increase market adoption.

2 CHALLENGES
10 CONTESTS

1 SOLAR DECATHLON

CONTESTS

Architecture	Energy Performance
Comfort and Environmental Quality	Market Potential
Engineering	Presentation
Operations	Innovation
Financial Feasibility and Affordability	Resilience

CHALLENGES

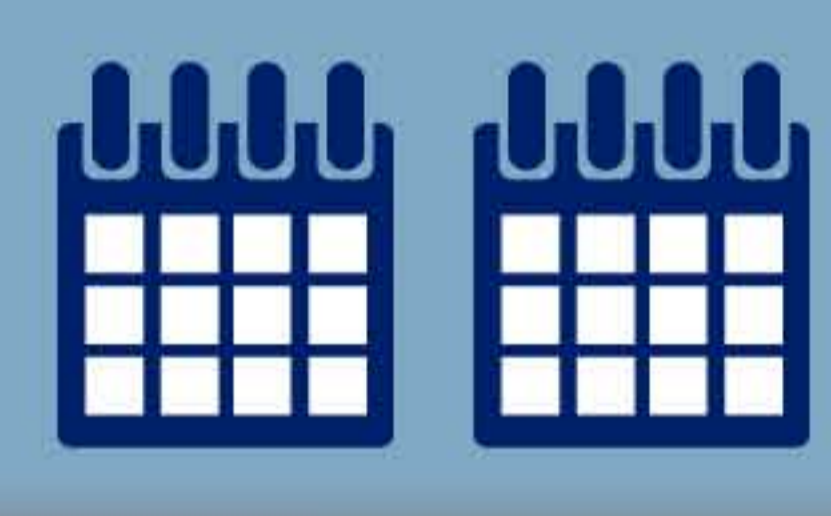
Design Challenge

Annual design-only competition



Build Challenge

Biennial design + build competition



Residential + commercial buildings



Residential buildings



Non-public competition at National Renewable Energy Lab (NREL) in Golden Colorado, April 17-19, 2020



Public event at the National Mall in Washington, DC, June 24-July 5, 2020



3,279 participating students since 2014



20,000+ participating students since 2002

