

2025 SOLAR FARM SUMMIT

DUAL-USE DESIGN CHALLENGE

Dear Administrators, Teachers, Club Leaders,
Parents, and Guardians,

With sunshine stretching later into the day and fresh growth all around, now is the perfect time to **step outside, observe** the changing world, and dive into **real-world problem-solving**. This **hands-on design challenge** invites students to explore the intersection of **agriculture, solar energy**, and their **communities**.

The Solar Farm Summit and the InSPIRE project are excited to introduce the **Dual-Use Design Challenge**, a unique opportunity for students to tackle real-world agricultural and energy challenges through creativity, problem-solving, and STEM-based design. This challenge invites students from **K-12 and post-secondary education** to explore how **solar energy and farming can coexist**, developing innovative solutions that support **both** agricultural **and** energy production.

This challenge is open to all types of students—whether in classrooms, STEM clubs, FFA chapters, homeschool programs, or independent projects. With grade-specific categories and tailored guidance, students of all ages can participate at a level that fits their abilities as an individual or on a team.

We invite you to **share this opportunity** with your students and encourage them to take part. **A timeline, detailed guidelines, submission requirements, and resources are available at—**
<https://solarfarmsummit.com/student-design-challenge>

About the Solar Farm Summit

The **Solar Farm Summit** is America's agrivoltaics conference and farming + solar exhibition, bringing together experts, farmers, researchers, and innovators to explore the future of agriculture and energy. Finalists in the **Dual-Use Design Challenge** will have the opportunity to showcase their projects at the 2025 Solar Farm Summit, receiving recognition from industry leaders and professionals who are shaping the bright future of solar-integrated farming at the industry's most collaborative and constructive event.

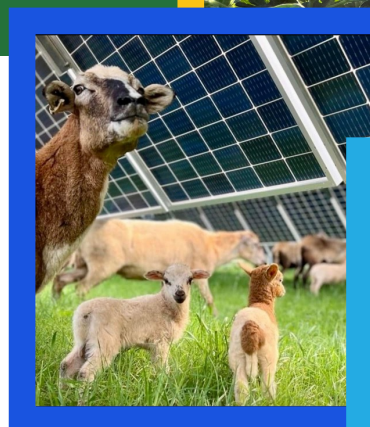
Thank you for empowering students to turn their curiosity, knowledge, and creativity to **build a more abundant future for farms and communities**. We look forward to seeing their innovative ideas come to life through this exciting challenge and opportunity!

With gratitude,

Katie Meyer

Education Director | Conference Producer
Solar Farm Summit

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Students will:

- ☀ Apply engineering and design thinking to **real-world challenges**
- ☀ Develop solutions that support **farm viability and energy needs**
- ☀ Learn how **solar energy and agriculture can work together**
- ☀ Gain **hands-on experience** with farming, science, technology, and critical thinking
- ☀ Have the chance to **present their designs at the 2025 Solar Farm Summit** and earn **prizes and national recognition** (in person and/or digitally)

Competing entries due June 11
Showcase only entries due July 21

Showcase and Awards August 7 at
2025 Solar Farm Summit