

# Cpetker's challenge details for challenge: [Solar](#)

## [Prize Round 6](#)

Generated at Tue Oct 04 2022 22:50:35 GMT-0700 (Pacific Daylight Time)

### Explanation

Needs :

Economics and viability of demand and scalability of these integration inventions into solar panels and their hardware . Is this most suitable with just one solar manufacturer ? Can perovskite cells and thin films be used (space exploration , NASA and SpaceX to EV solar integration support perovskite ). Connecting with sustainable , smart home builders and smart cities solar integrated infrastructure projects with use of bifacial and monofacial models . Agrivoltaic designers and users can help with realistic cooling , misting option , such as how much dew can be captures and recirculated ? How to decide which of the three integrations warrant the most use , if at all , determine which ones make sense the most in which industry .

Connecting with others needing hardware made from the US CNC machining company now partnered with who is able to engineer (and reverse engineer ) certain custom parts , components for solar , wind and batteries and some parts and tools for the mining , automobile and aerospace industries and more .

### Key Needs

- Product Design (4 / 5): *No explanation*
- Fabrication & Prototyping (3 / 5): *No explanation*
- Testing and Validation (3 / 5): *No explanation*
- Funding & Investments (5 / 5): Is this a private sector product or is this a DOE and/or DOT application use?
- System Design (4 / 5): Which of the three, or if all, have the most demand
- Software Development (4 / 5): Do not have software development for this
- Legal, Insurance, and Public Policy (4 / 5): Patent help (machining owner is pro-patent).

### Matches

1. [Positive Deviancy](#): 86.36%
2. [BlochSoft Technologies Inc](#): 86.33%
3. [Zpryme](#): 86.32%
4. [New Mexico Clean Energy Resilience and Growth](#): 84.95%
5. [HomeMe Group, Inc.](#): 84.92%
6. [Circuit Launch](#): 83.61%
7. [BlueTree Allied Angels](#): 83.59%
8. [IoT Conduit](#): 83.58%
9. [Radix IoT, LLC](#): 83.55%
10. [Coe Student Innovation Center - University of Wyoming](#): 83.54%