

Michele Debastiani's challenge details for challenge: [Solar Prize Round 6](#)

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Explanation

We are looking for support to upscale the manufacturing of our technology. We are also looking for techno-economic validation of our product for different geographic locations with diverse solar irradiation. An additional topic of relevance is accurate modeling of energy yield for our specific applications as well as reliability studies and identification of failure modes. Lastly, we are looking for legislative support to be compliant with building codes and local legislation. In the Set!Contest part, we identify the need for reliability support for pre-certification tests.

Key Needs

- Testing and Validation (3 / 5): Reliability, failure modes and techno-economic validation. We are also looking for pre-certification tests in line with US and international standards.
- Manufacturing (5 / 5): We are looking for support to manufacture specialized lightweight solar modules with a gap (half an inch to two inches) between the solar cells.
- Funding & Investments (4 / 5): We are looking for partners for manufacturing and investments to fund the upscaling
- Legal, Insurance, and Public Policy (3 / 5): We need to ensure compliance with building code legislation and we need support on this topic

Matches

1. [GoSun](#): 88.13%
2. [Circuit Launch](#): 88.02%
3. [Positive Deviancy](#): 88.01%
4. [Georgia Institute of Technology](#): 85.63%
5. [Bauw Consulting](#): 85.45%
6. [BlochSoft Technologies Inc](#): 85.43%
7. [North Shore InnoVentures](#): 83.13%
8. [BRITE Energy Innovators](#): 83.13%
9. [IoT Conduit](#): 83.13%
10. [Natural Energy Laboratory of Hawaii Authority](#): 83.13%