

# Arief Budiman's challenge details for challenge:

## Solar Prize Round 6

Generated at Wed Oct 05 2022 09:07:33 GMT-0700 (Pacific Daylight Time)

### Explanation

High volume Silicon PV manufacturing environment to demonstrate the efficacy of the metrology tools to enhance PV quality, reliability, innovation capacity and hence competitiveness of US PV manufacturing .

### Key Needs

- Manufacturing (5 / 5): We need to demonstrate our proposed tool in full scale high volume manufacturing
- Product Design (3 / 5): *No explanation*
- Fabrication & Prototyping (4 / 5): *No explanation*
- Business Development & Commercialization (4 / 5): Proposed concept or tools will enhance business competitiveness of US PV industries in the global markets
- Strategy (3 / 5): Strategy to innovate and enhance competitiveness of US Silicon PV manufacturers
- Testing and Validation (3 / 5): *No explanation*
- Product Development (3 / 5): *No explanation*
- Hardware Development (3 / 5): The stress sensing part of our Crack Catcher AI will be built on the existing expertise of stress metrology and impact to crack mechanics
- System Design (2 / 5): *No explanation*
- Software Development (4 / 5): The AI part of our Crack Cather AI will be built with our expertise in software and data science

### Matches

1. [Positive Deviancy](#): 88.27%
2. [Weldlogic Inc.](#): 87.56%
3. [Circuit Launch](#): 87.23%
4. [Mendiak Systems](#): 87.11%
5. [Amada Weld Tech Inc.](#): 86.08%
6. [Advent Design Corporation](#): 86.08%
7. [BlochSoft Technologies Inc](#): 86.06%
8. [mHUB](#): 86.04%
9. [Solar Inventions](#): 86.01%
10. [Radix IoT, LLC](#): 85.99%