Minh Tran's challenge details for challenge: Solar Prize Round 6

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Explanation

Our project focuses on a lead-free downshifting thin film that converts UV to NIR light. This material changes the solar spectrum entering a solar panel. It can boost a Si or CIGS solar panel's efficiency from 2-4%. This approach also reduces operating temperature and UV degradation , which improves a solar panel's lifetime.
We need assistance with solar panels' measurements and optics. We also need help with business strategies and market analysis.

Key Needs

- Fabrication & Prototyping (3 / 5): We want someone to work with our prototype and troubleshoot all technical and optics problems involved.
- Business Development & Commercialization (3 / 5): We will want someone to identify potential markets and applications.
- Science, Research and Development (5 / 5): We will want someone who is an expert in Si and CIGS solar panels.
- Funding & Investments (4 / 5): We will want someone with management and finance background to help us with fundraising and accounting.
- Hardware Development (4 / 5): We want someone who has experience with PVD, PL, solar cell's measurements.

Matches

1. BlochSoft Technologies Inc: 87.53%
2. Zpryme: 87.50%
3. GoSun: 85.72%
4. Solar Inventions: 85.53%
5. Swift Coat Inc: 85.53%
6. Coe Student Innovation Center - University of Wyoming: 85.53%
7. FREEDM Systems Center at NC State: 85.53%
8. MassRobotics: 85.53%
9. Positive Deviancy: 85.53%
10. Powerhouse: 85.53%