

# John Sedgewick's challenge details for challenge:

## Solar Prize Round 6

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### Explanation

Our team is looking for support with: software development ; high-resolution weather data; laboratory testing ; data collection and modeling ; financial analyses ; and, insurance industry expertise .

### Key Needs

- Business Development & Commercialization (4 / 5): We are developing a software tool that will bring a proprietary engineering solution to a niche market.
- Utility Scale (5 / 5): Our software product is designed to identify, quantify, and mitigate technical risks on large-scale solar assets.
- Technical Analysis (4 / 5): Our software tool integrates complex engineering analyses based on historical weather data and laboratory test results.
- Science, Research and Development (4 / 5): Our software tool integrates complex engineering analyses based on historical weather data and laboratory test results.
- Legal, Insurance, and Public Policy (4 / 5): The primary objective of our software development work is to provide solar industry stakeholders with science- and engineering-based financial assessments that enable a sound basis for insurance pricing and terms
- Software Development (5 / 5): We are developing a software tool that will bring a proprietary engineering solution to a high-volume market. The primary objective of this work is to provide solar industry stakeholders with science- and engineering-based financial assessments that enable a sound basis for insurance pricing and terms.
- Funding & Investments (5 / 5): The primary objective of our software development work is to provide solar industry stakeholders with science- and engineering-based financial assessments that enable a sound basis for insurance pricing and terms.
- Testing and Validation (4 / 5): Our software tool integrates complex engineering analyses based on historical weather data and laboratory test results.
- Marketing & Promotion (5 / 5): We are developing a software tool that will bring a proprietary engineering solution to high-volume markets in service of multiple stakeholder groups.
- Strategy (4 / 5): We are developing a software tool that will bring a proprietary engineering solution to a high-volume market in service of multiple stakeholder groups. Strategic communications , business model design, and product-solution fit are mission critical.
- Product Development (3 / 5): We are developing a software tool that will bring a proprietary engineering solution to a high-volume market in service of multiple stakeholder groups. Strategic communications , business model design, and product-solution fit are mission critical.
- System Design (4 / 5): Our software platform can quantify project risk based on system design criteria, including module resilience and tracker control capabilities.

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- Robotics (3 / 5): Our software platform can quantify project risk based on system design criteria, including tracker control capabilities. Automated responses to real-time weather conditions are ideal for risk mitigation.

## Matches

1. [Positive Deviancy](#): 85.44%
2. [Zpryme](#): 85.20%
3. [New Mexico Clean Energy Resilience and Growth](#): 84.97%
4. [BlochSoft Technologies Inc](#): 84.50%
5. [HomeMe Group, Inc.](#): 83.85%
6. [BLUE Exclerator \(at Blue Institute\)](#): 83.81%
7. [NextEnergy](#): 83.47%
8. [Circuit Launch](#): 83.11%
9. [BlueTree Allied Angels](#): 82.77%
10. [University of North Dakota Energy and Environmental Research Center \(EERC\)](#): 82.61%