John Sedgwick's challenge details for challenge:

Solar Prize Round 6

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Explanation

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

Key Needs

- Business Development & Commercialization (5 / 5): We are developing a software tool that will bring a proprietary engineering solution to a high-volume market.
- 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.
- Testing and Validation (4 / 5): Our software tool integrates complex engineering analyses based on historical weather data and laboratory test results.
- 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.
- Utility Scale (5 / 5): Our software product is designed to identify, quantify, and mitigate technical risks on large-scale solar assets.
- Science, Research and Development (4 / 5): Our software tool integrates complex engineering analyses based on historical weather data and laboratory test results.
- Technical Analysis (4 / 5): Our software tool integrates complex engineering analyses based on historical weather data and laboratory test results.
- 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.
- System Design (4 / 5): Our software platform can quantify project risk based on system design criteria, including module resilience and tracker control capabilities.
- 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.
- 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.
- 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.

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- Legal, Insurance, and Public Policy (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

Matches

1. Zpryme: 84.63%
2. New Mexico Clean Energy Resilience and Growth: 84.43%
3. Positive Deviancy: 84.31%
4. BlochSoft Technologies Inc: 83.39%
5. HomeMe Group, Inc. : 83.36%
6. BLUE Excelerator (Blue Institute): 83.29%
7. NextEnergy: 82.97%
8. BlueTree Allied Angels: 82.30%
9. University of North Dakota Energy and Environmental Research Center (EERC): 82.21%
10. Circuit Launch: 81.95%