Manas Pathak's challenge details for challenge:

Solar Prize Round 6

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Explanation

Looking to prototype a CO2 based flexible energy storage for short and long durations. We need a lab space with CO2 compression system. Output pressure is 4000 psi and room temperature. Also need help with 3D printing with metal and procurement of CO2.

Key Needs

- Procurement of Raw Materials (4 / 5): Procurement of CO2 cylinders
- Fabrication & Prototyping (5 / 5): 3D printing with metal
- Testing and Validation (5 / 5): validating our 10 KW energy storage prototype
- Funding & Investments (3 / 5): Help with fund raising for seed round
- Software Development (4 / 5): Control software for prototype

Matches

1. mHUB: 86.37%
2. IoT Conduit: 86.15%
3. HomeMe Group, Inc.: 86.02%
4. Circuit Launch: 84.67%
5. Positive Deviancy: 84.39%
6. Georgia Institute of Technology: 84.35%
7. Solar Inventions: 84.34%
8. BlochSoft Technologies Inc: 84.33%
9. University of North Dakota Energy and Environmental Research Center (EERC): 84.32%
10. GoSun: 82.55%