

To: The American-Made Solar Prize Round 7

Subject: We are Seeking Assistance for a Pioneering Sustainable Software Development Project

Dear The American-Made Solar Prize Round 7

I hope this message finds you well. I am writing on behalf of EW Global Solar, a company dedicated to advancing the frontiers of renewable energy and sustainable home design. Our ambition is to develop a comprehensive software suite that merges the core tenets of renewable energy modeling with sustainable home design, providing both professionals and homeowners actionable, reliable insights for a sustainable future.

Project Overview:

At the heart of our project is a vision: a world where every home is designed or retrofitted to be both energy-efficient and sustainable, thus contributing to a more sustainable and equitable world. We see homes not just as living spaces, but as pivotal elements in the larger ecosystem, having a significant influence on energy consumption, environmental footprint, and our collective future.

Why Partner with EW Global Solar?

1. **Holistic Approach:** We believe in a comprehensive approach, which is why our software will incorporate tools for solar energy modeling (like PVwatts), home energy efficiency, and financial tools to estimate returns on investments based on current incentives like the Investment Tax Credit (ITC) and other local and federal rebates.
2. **Justice, Equity, Diversity, and Inclusion (JEDI):** We commit to JEDI principles, ensuring that our tools are not just top-tier in quality but are also accessible and beneficial to underserved communities. Part of our mission includes providing free solar job training, laying the foundation for more equitable job opportunities in the renewable sector.
3. **Integration with SAM:** System Advisor Model (SAM) is one of the leading tools for detailed renewable energy system performance and financial feasibility analysis. We aim to seamlessly integrate SAM's functionalities, enhancing our software's robustness and reliability.

Why We Seek Collaboration:

1. **Expertise from National Labs:** Institutions like NREL bring unparalleled expertise in renewable energy. Leveraging advanced computational methods and vast datasets from such institutions will ensure that our software is scientifically rigorous and up-to-date.
2. **Cutting-edge Facilities:** Access to top-tier research and testing facilities would allow us to trial our software across a myriad of scenarios, ensuring reliability, scalability, and precision.
3. **American-Made Network Synergy:** By collaborating with the American-Made Network, we aim to tap into a wide range of expertise, from research to commercialization, ensuring our software remains at the forefront of sustainable home design innovation.

Our endeavor, although ambitious, is rooted in the urgent need for more sustainable living practices. We firmly believe that with the right partnerships, we can bring to the world a tool that's not just innovative but transformative.

In the spirit of collaboration and mutual growth, I am reaching out to explore how we might align our efforts. Our team would greatly appreciate any assistance, insights, or resources that [Institution Name] can offer. Your unique capabilities, combined with our vision, can significantly speed up the development and refinement of this crucial tool, making sustainable living more accessible to all.

Looking forward to the possibility of joining hands in this venture and collectively taking a significant step towards a sustainable future.

regards,

Wilner Timolien

President of East West Global Solar consultant