

Technical assistance request

Our team has a facility and we are already working on a prototype. The help we need is in improving our idea, testing it and bringing it to a final product.

We can get assistance in **Business development**:

- organizing production
- building a supply chain
- advise with what type of machinery we need to acquire to be competitive not only with price but above all with quality

In the area of **Digital and Design** we can use some help in improving our website and our video if our idea gets selected to move ahead in the Competition.

- Website – it will increase the exposure of our idea
- Video – it will help us to send across our idea and explain it better

Fabrication and prototyping – this is where our immediate efforts are and anything that can help us to speed up the process will be greatly appreciated. Here are some specific areas where we can use help from the Program:

- We need assistance in the area of programming the solar tracker for each individual mirror row to not only follow the sun but also to go up and down to avoid shading or blocking the other mirrors.
- The mechanism can be made in many different ways and we need to find the most precise one, but it also has to be simple and to be easily implemented into production.
- We've been using real glass mirrors but finding a good reflective film could make our collector much lighter. NREL has helped develop SkyFuel, a company that makes thin reflective film, but they are in some kind of trouble and we can use some help in finding where to get it or a similar product like it.
- We need to get in touch with a factory that can produce specific aluminum parts for our solar collector.
- Having access to studies made in the concentric solar field can be very beneficial to us - I don't see a reason for reinventing the wheel, maybe just for making it rounder.

Funding and Investments – financially we are doing good but if we find an investor who believes in our idea, who can share our vision that CSP is a superior solar technology with bright future - a little financial stimulus can go a long way. A financial aid can definitely speed up the process of developing our idea and would allow us to improve the performance of our product.

Mentorship and coaching – we would love to connect with other companies and/or people who are involved in the Concentric solar power field. There are people out there that have enormous knowledge and wish to share it, and that knowledge could be priceless to us.

A very important area for us to get assistance is **Testing and Validation**. Connecting with national laboratories and universities with solar programs can enormously further our vision.