

# Alexander Strigelsky's challenge details for challenge: [Solar Prize Round 6](#)

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## Explanation

We are creating a new-generation, solar-powered basketball hoop that brings playing experience to a whole new level. It has two solar panels, LED lighting tube, a built-in Bluetooth speaker, 4K cameras and a wireless charger. It lets anyone play 24/7, listen to their favourite tracks and stream their games live on social media.

It also enables players track their progress, set new goals, launch regular seasons and play-offs, meet NBA players and scouts. And all of that through our bespoke app.

On top of that, SH is completely off the grid – cutting costs on resources and infrastructure. Both for households and communities at large.

We might need assistance in all of these areas to bring this idea to fruition

## Key Needs

- Manufacturing (5 / 5): Once the prototype is tested, we can start manufacturing the product on a limited scale - to do a soft release and receive our first customer feedback.
- Product Development (5 / 5): We are looking to partners who can help us create a meaningful prototype, so that we could test whether all of our ideas are commercially viable

## Matches

1. [Solar Inventions](#): 88.25%
2. [Center for Future Energy Systems \(CFES\) at Rensselaer](#): 88.22%
3. [Positive Deviancy](#): 88.22%
4. [mHUB](#): 88.19%
5. [GoSun](#): 88.19%
6. [Star Precision, LP](#): 88.19%
7. [Georgia Institute of Technology](#): 88.19%
8. [Circuit Launch](#): 88.19%
9. [Weldlogic Inc.](#): 88.19%
10. [Larta Institute](#): 88.15%