

Technical Assistance Request

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Verde Technologies Inc. has identified four areas where assistance would be hugely beneficial for this accelerated project. There are three areas that align more with the short-term goals of this project while the fourth goal is looking further down the road to commercialization and production.

The first thing that Verde will need help with is efficiency testing, specifically finding an independent lab to measure our devices with a high degree of accuracy. While we have access to the equipment on a lab scale and slightly larger, we will need our measurements verified by a third party, like NREL for example. Similarly, having an outside presence ensuring that our degradation tests are up to the current standards would be beneficial.

The second area where help would be greatly appreciated is in top contact deposition. Again, we have in-house capabilities, but being able to do vacuum deposition in roll-to-roll format would be a great addition to our technology and the future of our thin-film solar. Additionally, introductions to potential partners and/or connections with people in this field would be greatly appreciated.

In our early stages of establishing a business, we have had local mentors help with some fundamental questions. In our proposed plan we indicate that we'd like to have an outside third-party assess our technical and business roadmaps. Being primarily scientists at Verde, we could always use more help on the entrepreneurship front. We are more than grateful for any help that can be given on these fronts. We also know that an in-house cost analysis is a lengthy and complicated process that could potentially be partially mitigated by advice from entrepreneurs in this space.

An additional technology that we could benefit from is an effective encapsulation scheme. We know of several barrier films and potential full device encapsulation stacks. We are not aware if there are significant drawbacks or big benefits with any of them. This of course will need to occur after a proof-of-concept stage but will be imperative to move towards commercialization. Getting a start on this step now will be a great help.