

Accelerating the adoption of solar energy

Next-generation solar technology

We are a perovskite solar manufacturing company transitioning from lab to small scale industrial production. We are using a roll-to-roll printing technology which allows us to provide flexible rolls of solar cells at a fraction of traditional costs. This means we can be apply solar anywhere and on any surface.

The problem

Renewable energy is growing but we are transitioning much too slowly.

Our vision

Drastically accelerate the adoption of solar energy by integrating it into everything we use.

Disruptive market opportunity

Our perovskite solar technology has the potential to become the new standard for the \$50+ billion solar PV modules market.

Maybe even more interesting, it will open up entirely new markets. Imagine solar being an integral part of our buildings, clothing, transportation, personal electronics, power the Internet of Things...

Extremely scalable printing technology

Our roll-to-roll manufacturing approach is *extremely scalable*. We will be able to:

- Offer solar at a cost per watt that is much lower than existing solar
- Our solar cells will be significantly more efficient
- Can be integrated into any object due to its unique features

High return, high impact investment

Rayleigh Solar Tech is particularly attractive to investors due to both the high growth potential and large (and growing) market opportunity. There are attractive return prospects due to our early stage of development linked to the potential to capture a huge market opportunity.

In addition to huge global market potential, this technology brings far-reaching benefits in terms of human health, energy access, environmental protection and the response to climate change.

Well rounded founding team

Our team of founding members provide a powerful and well-rounded combination of experienced researchers recognized for cutting edge expertise, proven experience in building and commercializing successful companies, strong links to key players in the industry and an international network to exploit export potential.

We speak **7 languages** and hold **3 PHD's**, there are **6 nationalities** in our team and we installed **120MW** of '**big solar**'. We started a whiskey distillery, sailed around the world **twice**, founded **8 companies**, and hiked up to **Everest** basecamp. In total there is **50 years** of combined research experience in the team.



We are based in Halifax, Nova Scotia, Canada

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