

Press release

Oxford PV named a 2020 Global Cleantech 100 company

Perovskite solar technology leader's solar cell identified as a key innovation set to address climate change

Oxford, Friday, 17 January 2020 - [Oxford PV™ – The Perovskite Company™](#), the leader in the field of perovskite solar cells, today announced it has been selected from thousands of innovators worldwide for a place on the [2020 Global Cleantech 100 list](#).

The list that features in Cleantech Group's [respected annual report](#) identifies the leading companies with sustainable innovations poised to solve the world's biggest challenges in the next five to ten years.

Frank P. Averdung, Chief Executive Officer at Oxford PV commented, "Inclusion on this prestigious list reinforces the confidence in our technology and its ability to make a real difference to the world. Solar panels built with Oxford PV's perovskite-on-silicon solar cells will generate significantly more power than panels with standard silicon cells – making solar energy more affordable, accelerating its adoption, and addressing climate change. We are honoured to feature on the Cleantech 100 list and excited to be at the forefront of bringing this technology to market."

Dr Chris Case, Chief Technology Officer at Oxford PV added, "By combining our perovskite technology, which features a short energy payback period and very low cost with traditional silicon, we can deliver a low levelized cost of energy, which translates into a reduced carbon footprint."

Oxford PV announced in 2019 it was preparing for volume production of its highly efficient "plug and play" perovskite-on-silicon solar cells – a direct substitute for conventional silicon solar cells, that will be assembled into industry-standard PV modules. Manufacturing equipment orders were placed in 2019. The complete production line will commence perovskite-on-silicon solar cell production at the end of 2020.

The 2020 Global Cleantech 100 annual guide: <https://www.cleantech.com/the-global-cleantech-100/>

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About Oxford PV

[Oxford PV™ – The Perovskite Company™](#) is the pioneer and technology leader in the field of perovskite solar cells. The company was established in 2010, as a spin-out from the University of Oxford. Today, the company has the largest team globally, exclusively focused on developing and commercialising a perovskite-based solar technology. A research and development site in Oxford, UK and an industrial pilot line near Berlin, Germany enables the accelerated transfer of its technology into industrial scale silicon solar cell production.

Oxford PV's perovskite-on-silicon solar cell has achieved a world record certified efficiency of 28% - exceeding the 26.7% efficiency world record for a single junction silicon solar cell. Oxford PV's perovskite-on-silicon solar cell technology roadmap extends beyond 30% efficiency.

In 2019, the company announced plans to move into full commercial manufacturing. Solar panels built with Oxford PV's perovskite solar cell technology will generate more power, critical for delivering more affordable clean energy, accelerating the adoption rate of solar and addressing climate change.

For more information about Oxford PV visit www.oxfordpv.com