

Intersolar Europe Day 3: Until next year!

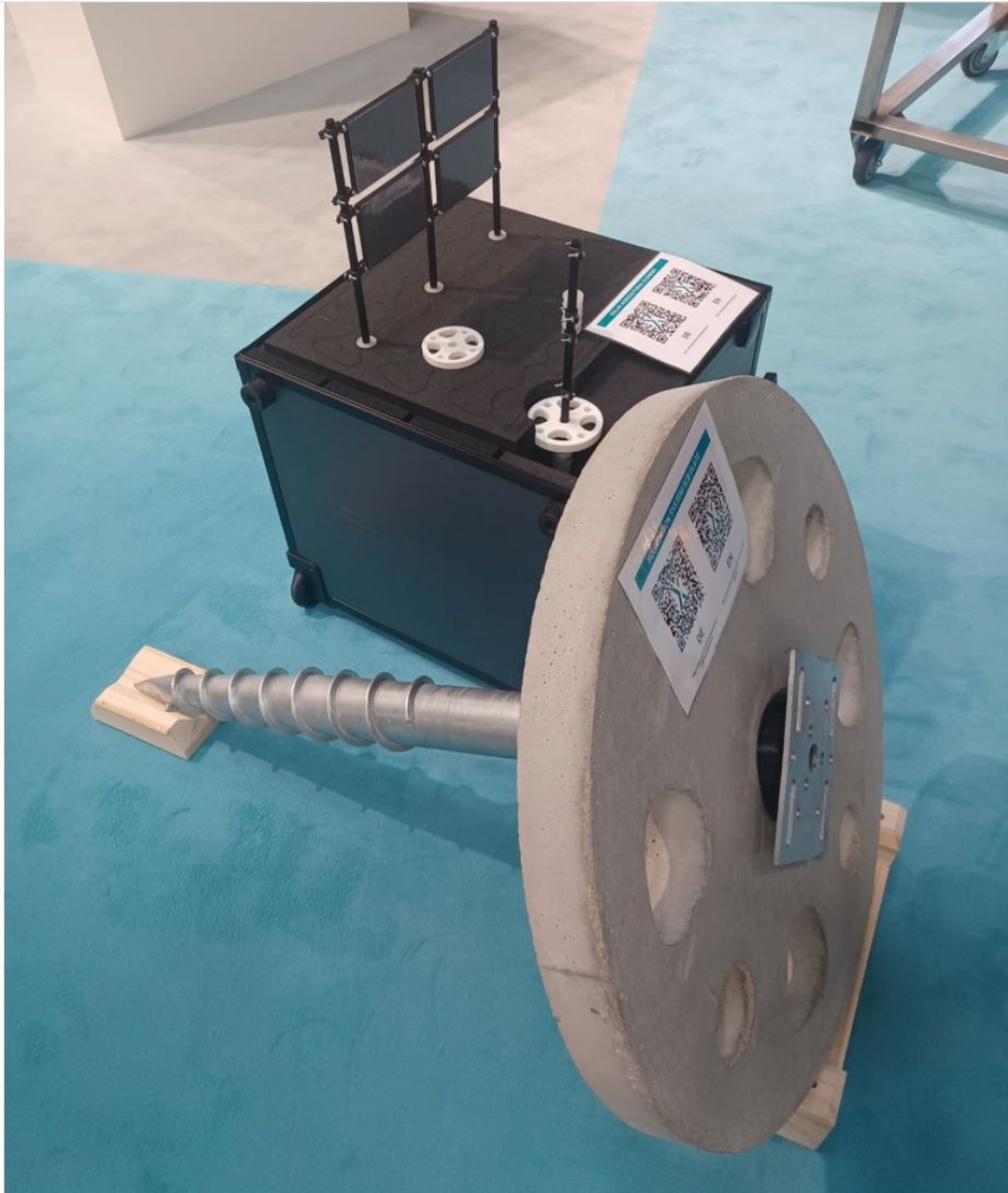
Follow **pv magazine** live for the final day of Intersolar Europe 2022 to make sure you stay abreast of the latest news, analysis, techs and trends.

UPDATED MAY 14, 2022 9:54 PM CET **PV MAGAZINE**



The **pv magazine** team wishes everyone a safe journey home and a restful sleep tonight!

Image: pv magazine



3 DAYS AGO

Earth screw, not vice versa

Engineering innovator paXos has developed a solution for vertical agri-PV systems that reduces vulnerability to wind. As Project Manager Marius Nennewitz told **pv magazine**, high winds put an enormous amount of pressure on the bend point at the base of the stanchion. The solution paXos has come up with is called the "Solar Agricultural Element Foundation System," or more simply, the "Earth Screw" (pictured).

Inspired by the root systems of trees, which grow horizontal surface roots to stabilize themselves against the pulling force of winds, the Earth Screw combines a screw with a rigid concrete slab that rests just below the top soil to absorb bending forces. Nennewitz said the solution has proven 85% more effective at resisting wind – a figure he says improves with the thickness of the plate.