



HORSE TO INSTALL 11,700 NEW SOLAR PANELS AT AVEIRO FACTORY IN PORTUGAL

- HORSE begins 14-month project to install two new solar farms at Aveiro facility in Portugal
- Aveiro's solar park will produce 16GWh of electricity a year for the plant, 30% of annual requirement, reducing annual CO₂ emissions by 3,167 tonnes
- Once completed Aveiro's solar installation will be one of the largest private solar parks in Portugal, and meet up to 30 per cent of factory's electricity needs
- HORSE is a division of Horse Powertrain, a global leader in hybrid and combustion powertrain solutions across 17 plants and 5 R&D centres

[HORSE](#), a division of Horse Powertrain and a leader in innovative and low emissions powertrain systems, has begun the planned installation of two new arrays of solar panels that will supply renewable electricity to its plant in Aveiro, Portugal. Once complete, solar energy will meet up to 30% of the factory's annual electricity needs and reduce its annual CO₂ emissions by 3,167 tonnes.

Installed as part of HORSE's decarbonisation strategy, the new photovoltaic arrays have been funded with the support of a grant from the Portuguese Recovery and Resilience Plan. In total, the new photovoltaic arrays represent an investment of €3.5 million.

Raynald Joly, General Manager at HORSE Aveiro, says: *"This new photovoltaic park will enable HORSE Aveiro to meet up to 30% of its energy needs with green electricity. This is all part of HORSE's broader commitment to decarbonising mobility, delivering a more sustainable future, and powering tomorrow."*

Part of the solar installation will be mounted on the roof of the facility and will consist of 2,800 solar panels that will generate 1.6MWp. The other part of the array will be ground-based and consist of 8,900 panels calculated to generate 5.0MWp. Annually, HORSE Aveiro expects both produce 16GWh of clean and sustainable electricity a year.

Construction and installation will last fourteen months and will be undertaken by ENGIE Hemera, one of Portugal's leading solar engineering specialists.

Powering a world-leading automotive plant

HORSE Aveiro already boasts one of the largest private fields of photovoltaic panels in Portugal, with this new project further expanding its lead.

The plant has over forty years of operational excellence in manufacturing gearboxes and engines, and has recently ventured into manufacturing critical electronics components for hybrid-electric vehicles (HEVs) and plug-in hybrid-electric vehicles (PHEVs).

Employing 1,300 workers, HORSE Aveiro boasts state-of-the-art Industry 4.0 technologies, including production lines that make use of robotic mobile workstations in place of traditional conveyer belts.



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About Horse Powertrain

Horse Powertrain consists of two divisions, Aurobay and HORSE. It is a worldwide leader in hybrid and combustion powertrain solutions. Headquartered in London, UK, the company employs 19,000 people globally across 17 plants and five R&D centres. Horse Powertrain Limited was officially created on 31 May 2024, with ownership split equally between Renault Group and Geely.

About HORSE

HORSE is a global supplier of innovative powertrain solutions. It believes that there is no one-size-fits-all solution to sustainable mobility and so is investing in technologies which will support the automotive industry, and other sectors requiring power generation, in their transition to a sustainable future. With decades of industrial know-how, HORSE develops, produces and supplies highly efficient full-hybrid, plug-in hybrid and internal combustion powertrains, and cutting-edge technologies (engines, gearboxes, full-hybrid and plug-in hybrid systems, and batteries).

HORSE employs over 9,000 people in seven countries, it is headquartered in Madrid, Spain and has eight manufacturing plants and three R&D centres around the world (Argentina, in Córdoba; Brazil in Curitiba; Chile in Los Andes; Portugal in Aveiro; Romania in Bucharest, Mioveni and Titu; Spain in Seville and Valladolid, and Türkiye in Bursa in partnership with Oyak).

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