

CASE STUDY

Self-consumption ground-mounted
solar PV installation for leading
German car manufacturer

CONFIDENTIAL



16.3 MW self-consumption solar PV installation for global car group's Polish manufacturing facility



Deal Information

	Signing Date	March 2024
	Financing Commitment	€9 million (single project)
	End Customers	Commercial and Industrial Corporates (C&I)
	Geographies Covered	Central and Eastern Europe
	Business Model	9 years Solar-as-a-Service contract
	Risk Profile	IG-equivalent, covered by EU Credit Loss Guarantee

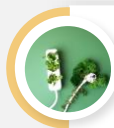


Quanta Energy, est. in 2020 in Poland, is a fast-growing renewable energy company focused on solar PV and batteries. It offers self-consumption Solar-as-a-Service to C&I customers alongside battery energy storage systems (BESS). With the financing arranged by Solas Capital, Quanta has installed a 16.3 MW behind-the-meter ground-mounted PV installation for a leading German car manufacturer's plant in Poland. The project is one of the largest self-consumption solar PV systems in Central and Eastern Europe.



Solas Capital has arranged a sale of receivables agreement to fund the single PV project. The underlying project contract between Quanta and the end-customer (car manufacturer) generates a fixed cash flow stream over the financing lifetime. Subsequently, Solas arranged a long-term framework agreement to finance additional Quanta self-consumption PV and battery energy storage projects in Poland for leading global auto manufacturing groups.

Reducing emissions and costs by meeting 20% of manufacturing plant's energy needs with PV installation



156'000 MWh

renewable energy produced



€14.4 million

factory energy cost savings



82'900 t CO_{2e}

emissions reductions



20% factory energy demand

met by the PV installation

Note: Impacts are measured across the investment period



EU-taxonomy eligible project generating fixed cash flows secured by investment-grade off-taker

100% EU-Taxonomy Eligible:

Emissions and energy savings verified at project level



Liability-Matching Cash Flows:

10-year senior secured debt with fully amortising repayment profile



Investment-Grade Off-take: Solid IG rating of car manufacturer group and backed by EU Credit Loss Guarantee



Dual Impact: Supporting European industrial decarbonisation and competitiveness



Tailor-made financing for Quanta's industrial solar PV installations

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*We are thrilled to implement these ambitious projects through our framework agreement with Solas Capital, **including one of the largest on-site installations in Europe**. This initiative aligns with the broader context of energy transition in the automotive industry across Europe. We are delighted that these joint projects will not only contribute to carbon footprint reduction but also significantly decrease energy costs for our partners.*



Piotr Grzybczak, CEO Quanta Energy

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We bridge the energy efficiency funding gap!

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