



CONSORTIUM PARTNERS:



PLATOON

Digital platform and analytics tools for energy



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PLATOON H2020 Project



The EU-funded H2020 project PLATOON aims to **digitalise the energy sector**, enabling thus higher levels of operational excellence with the adoption of disrupting technologies.



PLATOON will deploy **distributed edge processing** and **data analytics** technologies for optimised real-time energy system management in a simple way for the energy domain expert. The data governance among the different stakeholders for multi-party data exchange, coordination and cooperation in the energy value chain will be guaranteed via IDS based connectors.



The project will develop and use the PLATOON reference architecture, which is COSMAG-compliant to build and deploy **scalable** and **replicable energy management solutions**. Thus, it will increase **renewable energy consumption**, **smart grids management** and **energy efficiency**. Also, it will optimise energy asset management to address the needs of various stakeholders along the value chain of the energy sector.



The project will be validated in **7 pilots in 5 countries** that provide real **Energy Big Data cases**. PLATOON will facilitate the technology transfer into the market by a well-established tendering process via **Open Calls**.



The project will reinforce the European efforts for the modernisation of the European electricity grid, as it focuses on new smart grids services through data knowledge exploitation. Moreover, PLATOON will offer access to cheaper and **sustainable energy** for energy consumers and maximise social welfare.



Thus, PLATOON will contribute to **increased renewable energy consumption**, **smart grids management**, increased **energy efficiency** and **optimised energy asset management**.