

Rethinking energy

Improve energy efficiency and resource consumption, reduce emissions and waste

Rapid and deep digitization of the energy sector offers immediate and measurable benefits, with a significant impact on operational efficiency.

How can technology be used to enable **responsible manufacturing**, improving environmental awareness and resource management?

Key Trends:

+27

TLD KWH

Production of electricity in 2025.

+7,5

TLD KWH

Production of energy from renewables in 2025.

+2

TLD \$

Global value of renewables in 2030.

DATA SOURCE: STATISTA

Blockchain-based systems support the trading of energy produced from renewable sources, with significant impact on the capacity operations. **The transformative power of AI** improves management and contact with the customer, production efficiency, and the reduction of waste. **The use of Composable Platforms**, agile and easily integrated, enables the management of Energy Communities and fosters the creation of services innovative energy.

The Value of Technology's Impact

Responsible Productivity

Technology has **impacts across the entire energy value chain**: from generation to transportation, to distribution and sales. It is an enabler and an accelerator: whether it is supporting the automation of the production production, the evolution of the power grid or the operationalization of energy communities.

Circular Ecosystem

Rethinking energy means laying the foundation for the development of **digital ecosystems of production and consumption smarter**, and supporting, through the use of **composable platforms**, the adoption of responsible models: employment of renewable sources, production & consumption grid, development of energy communities.

AI-Driven Value

The rise of plants with non programmable renewables has clear advantages from the point of the environmental impact point of view, but it poses new challenges to ensure service continuity. Thanks to Machine Learning, Deep Learning and complex **algorithms** it is possible to make **predictions with accuracy** and adapt the service to changes in the set-up of the electrical.

Our Toolbox



Our Impact

