



# Deloitte.

## The work of creating power, seen in a new light

“The Digital Transformation partnership between Ansaldo Energia and Deloitte leveraging SAP® technology is a clear demonstration of the potentiality of the innovation capabilities expressed by the Ligurian Region, the so-called Basilicon Valley.”

—Luca Luigi Manuelli,  
Chief Digital Officer, Ansaldo Energia and  
President of the Italian Intelligent Factory Cluster

### QUICK STATS

- Countries served: worldwide
- Employees: 3,000

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### THE ISSUE

Helping a major energy generation equipment producer use Industry 4.0 methods to craft the plant of the future.

### THE SOLUTION

In December 2017, ABO Data, now part of Deloitte, was selected to be part of a multi-enterprise team to help a major producer of power generation equipment create its Industry 4.0 “Lighthouse Plant” of the future. As the project’s IoT specialist, Deloitte is responsible for identifying the IoT initiatives that best suit the client’s production processes and that will allow the client to be fully aligned with current and upcoming Industry 4.0 trends.

#### SAP technology enabled

- SAP® Leonardo IoT
- SAP S/4HANA®
- SAP Fiori®

### THE IMPACT



IoT and cloud-based advances will help build digitalization, smart asset tracking, predictive maintenance, and other methods into the production of power plant components



Asset digital twin for full remote monitoring



Heterogeneous data standardization



Combination of master data with real-time data

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