

IS GOVERNANCE

ANTEO-Consulting works with Energy Pool on the design of its international information system

The consultancy is currently working with the European leader in Demand-Side Management / Demand Response to design a single international information system adaptable to the specific and legal requirements of each country.

ANTEO-Consulting, an IT consultancy, can announce that it is currently working with Energy Pool on the conception of its new International information system. Energy Pool is a Demand Response aggregator, operating the capacities of large energy consumers so as to maximize their ability to decrease or increase their load at critical times for the electricity grid, thanks to its Network Operations Center. Energy Pool is a French company operating a 1,000 MW capacity modulation center. It is the leading European operator, currently scaling up internationally.

Design an IS with several market models

When it was founded in 2008, Energy Pool has decided to build a prototype IT system designed to replicate the market model used by RTE, the French TSO, for its own system, SyGA/MA. As part of its international development, Energy Pool has decided to implement a single and flexible IS able to integrate different market structures, specific to each country.

ANTEO-Consulting from the audit and business processes modeling...

"We needed to re-assess the model of our IS to make it more universal and adaptable in an international context. The aim is to have an evolutionary and flexible system able to integrate constantly new requirements and working methods following regulatory changes imposed several times a year" explains Davy Marchand-Maillet, Innovation VP at Energy Pool. "In January 2011 we contacted several different consultancies before choosing ANTEO-Consulting because of their level of experience in UML modeling, their methodology and the organization that they proposed guaranteeing the timescale and very precise deliverables."

ANTEO-Consulting carried out an audit from March to July 2011, then re-designed the object model structuring the information system model.

... to the development of the Energy Pool core information system

Started in July 2011, the development and specification of the target IS will continue till the end of 2012. The mission is to develop the "Master Data", i.e. the business core of the IS, which is the reference database that will integrate, country by country, all the markets, clients, products, contracts, etc.

"This reference database is, in its own way, a repository that will produce complex SOA services carrying all the intelligence required for greater agility in the system and so that the latter can communicate with ERP, CRM, GIS or SCADA systems. Even if the inspiration comes from the previous IS, we started again, from scratch, to build a completely new IS, a CIO's dream!" adds Davy Marchand-Maillet. "In this way, the chosen architecture separates the IS's data and isolates the various countries. Each one keeps its business processes and intelligence. ANTEO- Consulting has helped us to model our business processes, to rework the whole UML structure of our IS, start the development of the IS core and initiate an RFP for the management of the SOA application part."

Precision support

Davy Marchand-Maillet adds that *"In the context of this project, ANTEO-Consulting has distinguished itself through its mastery of the project's overall architecture, notably ensuring that the model is flexible enough to be adapted to the specifications of each country"*.

Every decision made is analyzed in detail to be sure that it will not become a limitation later in the project life-cycle and, as a result, in the final IS. The aim is to maintain the system's philosophy despite the technical constraints that are discovered. That requires a high degree of skill in the modeling and a view of the business processes.

Davy Marchand-Maillet concludes by saying that *"ANTEO-Consulting has shown a remarkable level of understanding of the importance and the requirements of the project, by following the initial guidelines. Aside from the understanding of our business and the commitment of its teams to the project, ANTEO-Consulting differentiates itself by its flexibility and its capacity to commit the required skills to the project at the moment when they are most needed, to find solutions quickly."*

The information system is still being developed and will be put into production internationally at the end of 2012.

About Energy Pool

Energy Pool is Europe's leading demand response operator. The Group offers technological aggregation solutions to industrial users to enhance their capability to manage their energy consumption at peak times and avoid overloading the grid. Regional energy supplies can thus be secured in the longer term. From its operational center in the Savoie Technolac (science and technology park) in the south east of France, Energy Pool manages a 1000 MW demand response capacity in France and is currently scaling up in other countries. Energy Pool has signed a strategic, technological and financial partnership agreement with Schneider Electric, the global specialist in energy management.

www.energy-pool.eu

About ANTEO-Consulting

ANTEO-Consulting works with its clients in consultancy for Architecture and Methods. The company has six strategic areas where it helps companies improve the performance and agility of their information systems:

- Governance and process
- Enterprise Architecture (urbanization, SOA)
- J2EE / .Net technical architecture
- Industrialization and Model-Driven Approach
- Project Owner / Project Manager collaboration (agile development)
- Change management and Training

ANTEO-Consulting, based in Paris, Nantes, Lyon and Rennes, is the Consultancy arm of the SODIFRANCE Group.

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