Case Study

Implementation of SAP BW/4HANA on AWS

ENGIE

ENGIE Group is a global benchmark in energy and low-carbon services that aims to lead the "second wave" of energy transition to "zero carbon" with efficient and innovative solutions for companies and civil society. Decarbonisation, Digitalisation and Decentralisation as the main cornerstones of energy transition.

With more than 160,000 employees in the world, it is addressing its transformational change plan that puts digital technology at the center of its activity.

THE CHALLENGE

In line with the global transformation strategy and their program "Data Driven Company", the Spanish technology team decided to refocus the way the company worked with data in order to extract all its value and also take advantage of information from Internet of Things and Big Data.

> Data is an asset that we have, we want and we must utilise. Therefore, we carried out an inspection of our Analytics and Big Data strategy, whose aim was to adjust it to the new needs of the company
>
> Luis Espartosa
> CIO of ENGIE in Spain

At that time, its Business Warehouse (BW) system did not meet its new needs, it became obsolete and was unable to take advantage of some exponentially increasing data.

> The previous system didn't provide what we pursued and, besides, it was on-premise and that's a handicap if you want to move up
>
> Luis Espartosa

THE SOLUTION

The technological department defined a target model and a roadmap that went through an update of technological platforms, a new data governance proposal and a complete alignment with the policies and best practices of ENGIE Group.

After an analysis period, the solution implemented was **SAP BW/4HANA on the cloud platform of Amazon Web Services (AWS)**, with Linke as the partner that performed the migration.

> It's in the technology update chapter that the need arises to use "cutting-edge" technologies in the Analytics field, and the SAP solution fulfils that role to perfection. Furthermore, since our strategy is "cloud first", we decided to implement it on AWS, also adding the necessary Disaster Recovery abilities
>
> Luis Espartosa
> CIO of ENGIE in Spain

The technology initiative was carried out in three months and a half in two phases: on the one hand, **the implementation of SAP BW/4HANA in AWS**, which included the Disaster Recovery feature and, on the other hand, **the migration of the current information in the previous analytical system, also from SAP**. According to the executive, meeting the deadlines was important. "For us, BW/4HANA is the platform on which we are going to develop as a data-driven company, and this project was the cornerstone and therefore the importance of running it", he underlines.

The right management of both phases allowed the project to be completed on time and meet the requirements to perfection. Partially, this was possible because ENGIE Group has a global agreement with Amazon Web Services as the first choice in cloud infrastructure and has defined a safety and technology framework.

> We didn't have to start from a "blank sheet of paper", but we all know that each project has its own peculiarities and that's where Linke, with its expertise on SAP and AWS, has contributed a lot of value
>
> Luis Espartosa

In that sense, the partner has allowed to take advantage of SAP abilities on the cloud platform when it comes to achieving cost savings, setting a backup architecture with the required response times or when designing a monitoring system.

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THE BENEFITS

According to the company, the users of the system have noticed in a short period of time a series of benefits such as, for example, **the reduction of response times**, which makes it easier to perform more analysis in less time.

> Now we are even going much further because we have modelling data that can be tapped and keep extracting more information
>
> Luis Espartosa

In addition to the agility and speed achieved, "self-service" abilities provide users with greater autonomy to draft their reports and perform analysis, which increases productivity.

Two benefits are specially remarkable: **the optimization of controlling processes**, which has simplified financial closures, and **an increased ability to analyse the profit and loss statement at different levels**.

Furthermore, the project already helps to streamline processes and make better decisions.

THE FUTURE

The foundations have been laid for deriving other long-term advantages that will contribute to the business growth.

The company has now a whole project *roadmap* to include in SAP BW/4HANA information from different business areas and perform its cross-analysis.

> The project has allowed us to have a common repository of transactional data, KPIs, etc., which offers us a vision of what's happening in the company and which will serve as the foundation for other more complex Analytics initiatives
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> Luis Espartosa

About us

We provide tech consulting and managed services on AWS for enterprises, specializing on SAP workloads.

aws partner network

Premier Consulting Partner

- SAP Competency
- DevOps Competency
- Nonprofit Competency
- Solution Provider
- Channel Partner

- We develop cloud native solutions, delivering end-to-end cloud journey to our customers.
- We use DevOps as development methodology to design a more efficient, fast and robust structures.
- Our unique products help customers run SAP systems on AWS on a scalable, cost effective way.
- Securing Automation and Compliance with Chef for SAP cloud solutions.
- Migration, operation and technical consulting all in one with our Linke Cloud for SAP services.

We can help on your technological transformation to the cloud, contact us.

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