Success Story RWE

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RWE Completes Complex Group Restructuring with SNP's Software-based Transformation Approach

"SNP is *the* specialist for all transformation projects in the context of complex restructuring. We had a reliable partner who was able to implement frequently changing specifications and framework conditions within the specified time frame."

Frank Brauer, Head of Corporate Finance IT

RWE

SNP

At a Glance

About RWE

With its four subsidiaries RWE Renewables, RWE Generation, RWE Power and RWE Supply & Trading and a portfolio of around 43 gigawatts of generation capacity, RWE supplies clean, reliable and affordable electricity. In addition to the core markets Germany, the United Kingdom and the Netherlands, the Group also operates in North America and the Asia-Pacific region. With steadily increasing net results, RWE can look back on several successful fiscal years. The company with around 19,000 employees worldwide and headquarters in Essen, Germany, has a clear objective: to become climate-neutral by 2040. This objective is scientifically validated by the Science-Based Targets initiative and is in accordance with the Paris Agreement.

The Challenge

RWE wants to expand its position as one of the world's leading companies in the field of renewable energies. Today, RWE Renewables is already considered world-leading in the field of offshore wind energy. In order to expand its generation capacity for green energy to 50 gigawatts by 2030, RWE is making a gross investment of EUR 50 billion during this decade. The portfolio is based on offshore and onshore wind, solar power, hydro power, hydrogen, storage, batteries and gas. For the energy sources nuclear energy and coal, the government has defined a phaseout, which the company is implementing responsibly.

The separation of business units, companies and markets had an immediate and complex impact on the entire system landscape. In RWE's two central SAP systems, the different divisions were implemented in different organizational and country-related structures.

The challenge was to smoothly separate the systems from the mixed structures, processes and data so that both RWE and Innogy each had their own structures and data in their own functioning SAP system. The time frame was tight and non-negotiable due to legal deadlines that resulted from the company foundations.

Industry
Energy supply

Headquarters
Essen,
Germany

Revenue
EUR 13.7 billion
(2020)

Number of employees
19,500

The Solution

RWE chose the transformation specialist SNP for implementing the extensive, highly complex and time-critical transformation. The software-based transformation approach and the data transformation speed were particularly decisive factors for RWE's decision to work with SNP.

The multitude of individual conversions – from the separation of purchasing organizations in purchasing documents, the plant relocation of the nuclear power plants division, the deletion of data to the setup of information systems and the migration of an SAP S/4HANA system to an SAP ECC system – included two extensive lighthouse projects with which the main separation of the companies took place.

The Benefits

- Several projects implemented simultaneously
- Tight deadlines met and downtime requirements surpassed (by 1/3)
- 4,000 customer tables neatly separated
- Enormous data volumes transformed and migrated with a software-based approach
- Go-live rescheduled by RWE and performed without incidents

Key Facts

Project Type

Separation of SAP systems in different organizational structures (e.g. at plant level) and deletion of unnecessary data in source and target.

Highlights

SNP has responded flexibly to all of RWE's requirements. Changes to the rule base can now be configured quickly without programming efforts and individual objects with changes can be migrated subsequently within minutes – even after the data migration.
The SNP portfolio was used for the S/4 migration, restructuring via split and the plant relocation. In-house developments and add-ons were also used in the different transformation scenarios.

Scope

During the RWE restructuring, the following lighthouse projects, among others, were implemented:

- Initial separation of RWE and Innogy data on the SAP ERP core systems
- Separation of purchasing organizations in purchasing documents
- Plant relocations in the nuclear power division (220 million data records)
- Migration of document data to the SAP S/4HANA Cloud
- Migration of Innogy S/4 data that belong to the RWE Renewable business unit back to SAP ECC (S4 -> ECC)
- Deletion of RWE data from the Innogy system
- Deletion of Innogy data from the RWE system (6.5 billion data records)
- Provision of archive systems to store historical data

Plants
In case of plant relocation:
3

Users
> 1,000

Countries involved
Germany

Downtime
Reduced from 36 to 24 hours

Company codes
> 200 in 3 clients

Project duration
The project durations varied according to the requirements profile from four months in the case of a plant relocation to one year for a split scenario for restructuring.

SNP Product

CrystalBridge® – The Data Transformation Platform