



Energy (Petroleum) Case Study SAP S/4HANA Feasibility Study

About the Client

The client, founded as a non-profit institution for independent research on global energy economics, brings together an international group of expert researchers from more than 15 nationalities and assists the organization in developing economic frameworks to achieve effective alignment between energy policy objectives and outcomes, sharing knowledge, insights, and analytical frameworks.

Project Snapshot

Industry: Manufacturing

IT Area: SAP S/4HANA Implementation

Operational Area: Petroleum Research

Project Focus: SAP S/4HANA

Project Type: Feasibility Study

Geography: Saudi Arabia

Scope

The client wanted to transform all its existing manual processes into digitally automated processes. It wanted an experienced consulting partner on this journey to digitally transform, capture the current state of business operations, along with existing Infrastructure and identify the best possible solutions (SAP and on-prem, on-cloud Infrastructure) for implementation.

Business Need

- Understanding the business processes and technology mappings across SAP ECC 6.0 EHP7, Ariba, Success Factors, Cloud Analytics, BPC
- Comprehend the current working of Finance, HCM, Materials Management, Plant Maintenance, and Document Management Systems in SAP ECC 6.0 currently in practice
- Technical data dépendance of ABAP, Enterprise Portal, Fiori, Security, BASIS, and Infrastructure

Capabilities Leveraged

- Program Management
- Business Process Mapping
- SAP ECC 6 & SAP S/4HANA

Strategic Skillset

- Business process expertise
- SAP functional expertise
- Oil & Gas expertise
- Stakeholder management
- IT Program Management expertise



Solution Highlight

- As-Is business processes mapping
- Benchmarking and review of existing blueprints & documents
- Assess internal/external dependencies – interface; security, compliance, encryptions & third-party integrations architecture
- Develop Implementation strategy
- Feasibility assessment of SAP S/4HANA implementation

Execution Highlight

Feasibility study for the transition from SAP ECC 6.0 to SAP S/4HANA that:

- Identifies long-term strategic plan and outlines a detailed program management plan that identifies deliverables, timeframes, and costs
- Generates detailed business outcomes for each stage/module of the study to indicate improvements within ROI metrics as well as excellent experiences & results
- Identifies potential technology upgrades & relevant cost savings opportunities within both existing Infrastructure and any next-generation technology platforms



Business Benefits

- Optimized operations and enabled technicians to **detect, report, and resolve malfunctions**.
- **Feasibility Report on implementing SAP S/4HANA** and its business impact
- Devised a better approach to making **informed decisions faster with embedded analytics**
- Enabled an architecture with unified transactions, analytics, and planning, resulting in an **enhanced financial lifecycle**
- Built a powerful business case for **migration to SAP S/4HANA and reduction in manual transactions**

For more information contact YASH today at BizNeXT@yash.com or visit www.yash.com

About YASH Technologies

YASH Technologies focuses on customer success. As a leading technology services and outsourcing partner for large and fast growing global customers, the company leverages technology and flexible business models to drive innovation and value throughout its customer's enterprise. YASH customer centric engagement and delivery framework integrates specialized domain and consulting capabilities with proprietary methodologies and solution offerings to provision application, infrastructure and end user focused Right-Sourcing services. YASH is a SEI CMMI (Level 5) and an ISO 9001:2015 certified company with U.S. and India headquarters and regional sales and development offices globally with customers spread across 6 continents.

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