

SAP S/4HANA 1809 Conversion

We plan &
execute

demanding

EPC
projects

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This is Kvaerner

Facts

- > Leading international EPC-contractor
- > ~ 3 000 expert employees
- > > NOK 8 billion revenues (est. for 2019)

How



What

Traditional segments



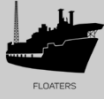
CONCRETE



JACKETS



TOWERS



FLOATERS

Growth segments



DECOMMISSIONING
& RECYCLING



MODIFICATION
& UPGRADING



ONSHORE



MARINE
OPERATIONS



OFFSHORE
WIND

Where



Who: 50 % white collar



Who: 50 % blue collar

The Nyhamna Expansion Project:
WE BRING THE PIECES TOGETHER

More than
400
suppliers

More than
5 000
workers
at peak

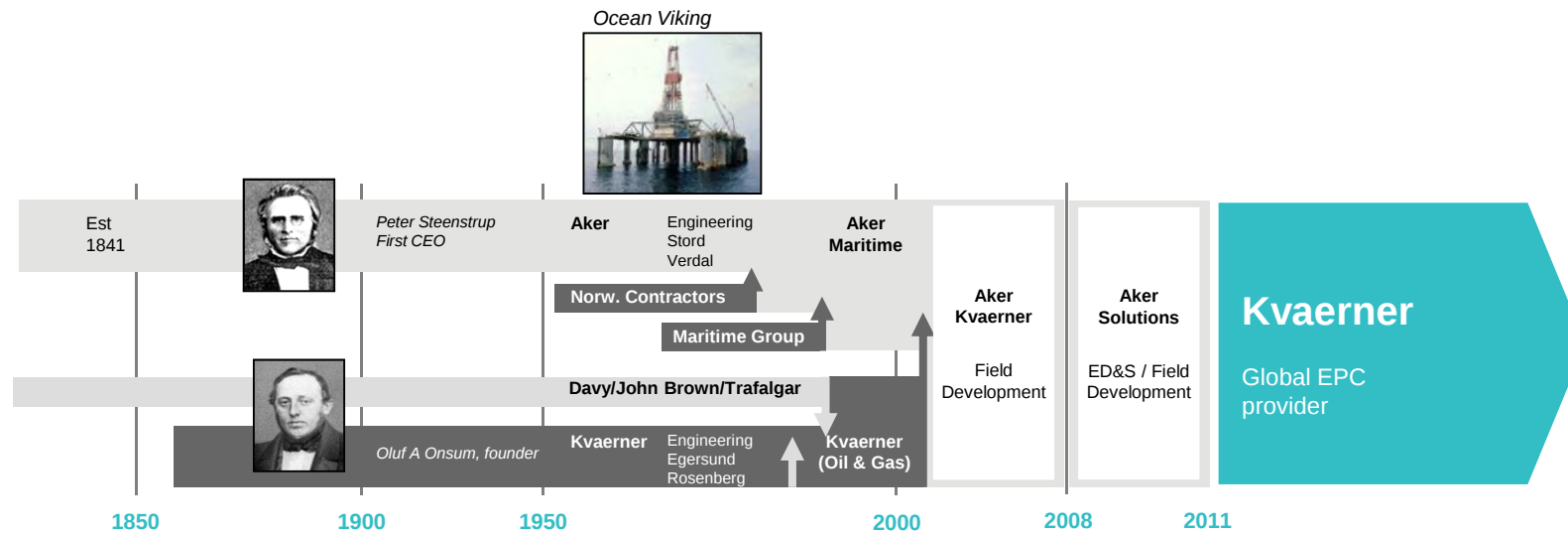
54
modules
have been
delivered

6 Fabrication of modules in
different
places

Total module weight:
22 500
tonnes

A2
A3

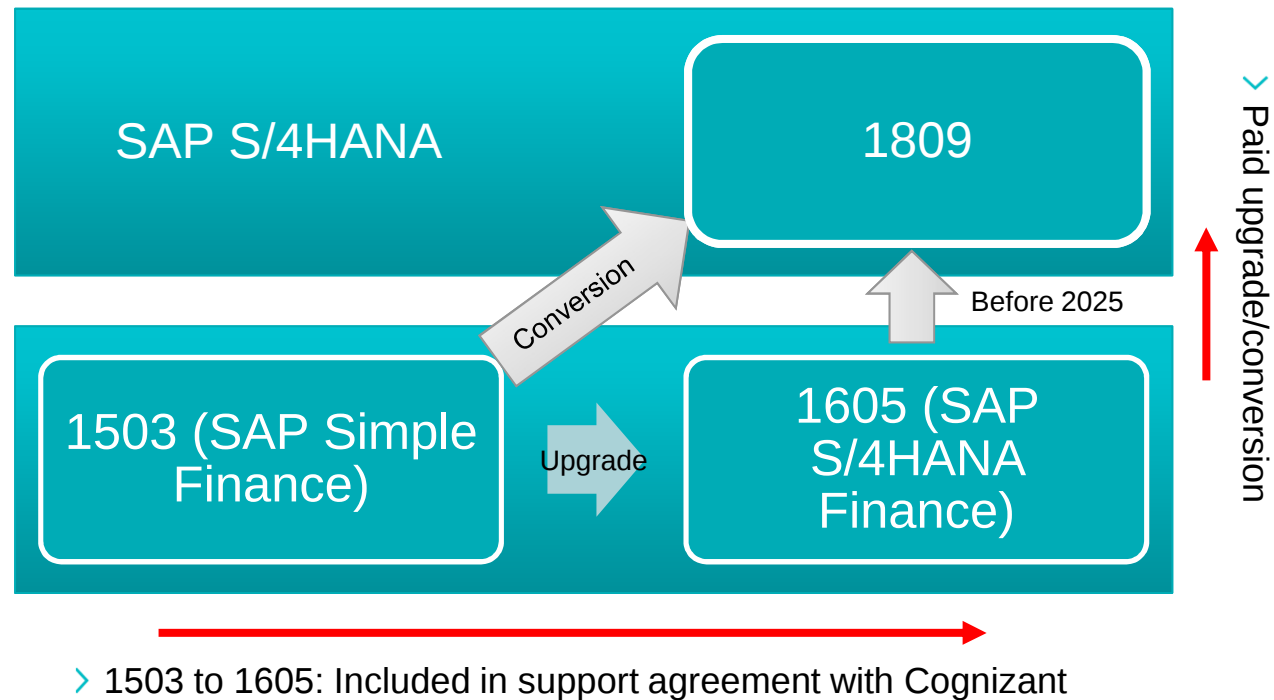
A strong name with a solid track record



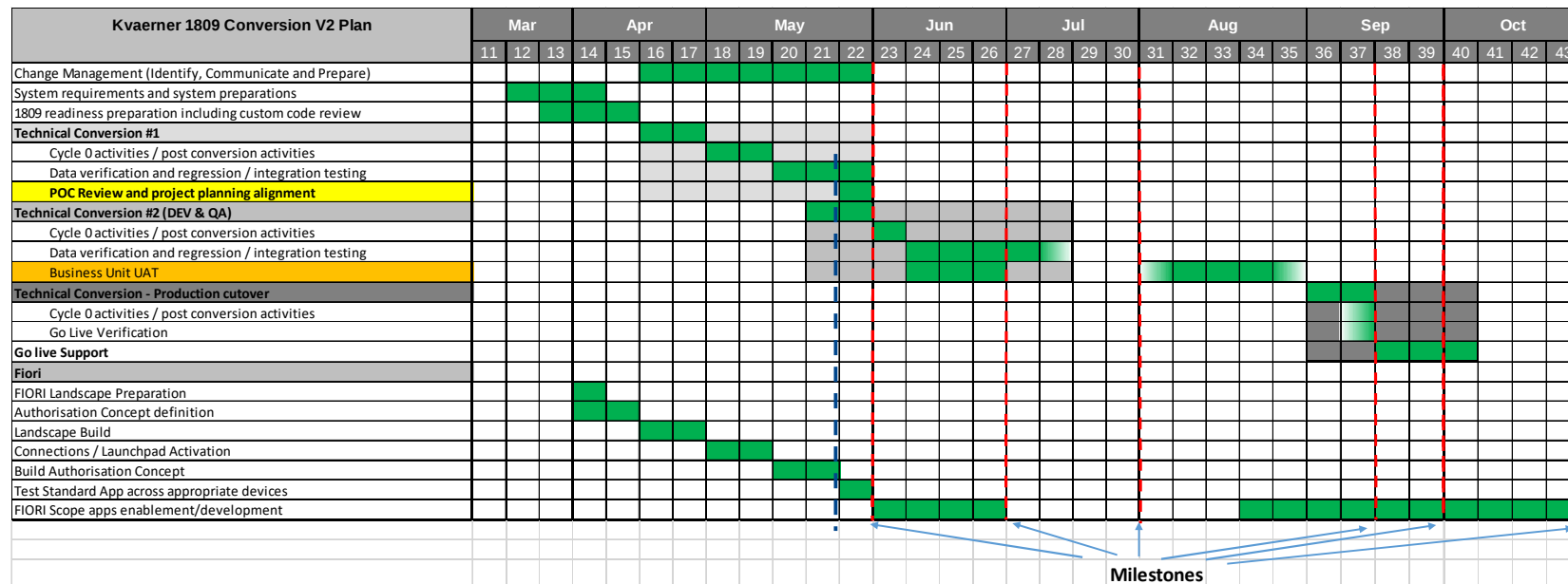
MIPS
METHOD INTEGRATED PROJECT SYSTEM

SAP

Two upgrade options



Initial project plan

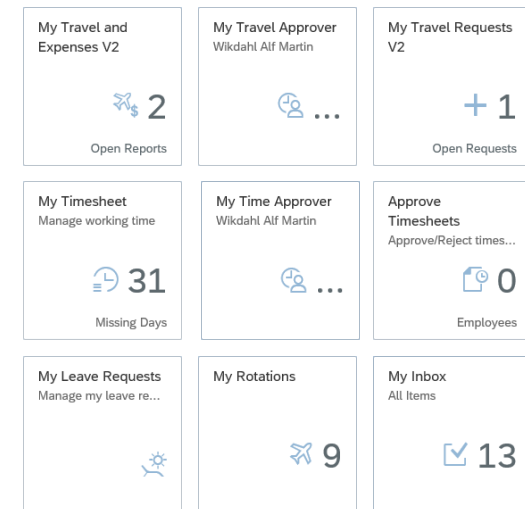


Scope of work

- › Technical and functional steps to run SAP ERP Conversion to SAP S/4 HANA 1809
- › SAP Integrations to continue working 'As Is'
- › Functional and technical testing in line with business processes
- › Implementation of infrastructure, SAP Gateway and solutions to support Fiori Lanchpad and Fiori app deployments.
- › Modifications needed to support the conversion, for example implementation of Business Partner
- › Upgrade connected SAP system if needed
- › Business Blue Printing covering key processes, i.e. FICO
- › Project Management including resource planning
- › Create menu based Fiori roles for apps and user groups in scope

In scope for the Fiori implementation

- Implementation of infrastructure, SAP Gateway and solutions to support Fiori Lanchpad and Fiori app deployments
 - My Travel & Expenses
 - My Approver Travel & Expenses
 - My Travel Request
 - My Timesheet
 - My Timesheet approver
 - Approve Timesheet
 - My Leave of Absence (w/quota view)
 - Rotation (My Safe Travel)
 - Approve travel Request
 - My Inbox (Workflow approval Travel, Absence & Invoice)



Out of scope

- Business process optimization
- Organizational Change Management
- Existing roles and authorization changes/redesign
- Activation of new functionality, i.e. new planning features or replacement of other applications/systems
- Fiori development except the Rotation (mySAP Travel) app.
- Demobilization of mySAP Portal
- Changes to any of the existing web-interfaces (mySAP Portal applications) apart from adoptions to work on S/4Hana 1809

SAP S/4 HANA 1809 Project Management Highlights

Cognizant Project

resourced by a team of 5 Technical Consultants, 2 developers and 8 Functional Consultants for testing and BP activation

6 Month Project delivery including system moved from Windows Server 2008 to 2016 and HANA DB Upgrade

SAP Activate Methodology

adopted and used for tools, phases (Prepare, Realise, etc.) and activities, including SUM

Solution Manager used for test management and status tracking

Remedy was used for the SAP change management and approval process

4 Month Freeze Period was imposed in the production line due to limited changes and project pipeline, during the production line upgrades

Flexible to adapt late changes into the project such as the Ajax Time framework in the ESS/MSS Portal (WEBGUI)

Collaborative working across the project organisations worked well to deliver the project as one big team

Key Challenges and Lessons Learned

- Start to clean up old vendors, customers and redundant AP&AR number ranges - ahead of the project for the BP (Business Partner) synchronisation
- Early run of SAP Readiness Check for SAP S/4 HANA – to get Simplification Item List (SI's)
- Identify the relevant SI's – so you understand impact on existing system, business processes or custom code. Review recommended notes to carry out necessary activities within the conversion project.
- Run test conversion to test SI's and BP synchronisation approach
- Consider distributed landscape to reduce freeze effect
- Build a QA system where as many as possible integrations can be fully tested
- Focus on previous issue logs!!

User experienced “issues”

- Mostly issues related to new portal and not to 1809 itself
 - New layout – some users not satisfied
 - Buttons were missing
 - Layout issues in some menus
 - Missing information in timesheet
 - New ‘Change time approver’ functionality not being ready at GoLive (new fiori app)
- Business partners
 - Employees missing from sales orders due to lack of BP sync
 - Employees missing from invoice cockpit after BP sync
 - Confusing screens – and more difficult to create –implement the Fiori apps!
- Misc
 - Intercompany invoices missing front page due to server move

AKER KVERNER™

mySAP

Welcome Geir Inge S Insland

People Self Service

Statistics

Competency

Welcome

Inbox

Working Time

Travel

Personal Information

Reporting

People Development

History

Detailed Navigation

- Record Working Time
- Timesheet Print
- Time Accounts
- Change Shift
- Leave Request
- Leave Request - Overview
- Time Statement
- Time Stamps
- Calendar
- Delete Lock Entries

Quit

Help

Record Working Time

Name

Insland Geir Inge S

Entry period

13.08.2007 to 19.08.2007

Previous

Next

Personnel no.

Data Entry Profile

ESS

Goto

19.08.2007

Att./abs. type	Wage type	Val Basis	Job code	Location	Name	Total	MO 13.08	TU 14.08	WE 15.08	TH 16.08	FR 17.08	SA 18.08
Target times						37,50	7,50	7,50	7,50	7,50	7,50	
Total						37,50	7,50	7,50	7,50	7,50	7,50	

Ordinær tid

Ordinær tid

Permisjon utløst - kort

Ordinær tid

Ordinær tid

Ordinær tid

Record Working Time

Timesheet Print

Time accounts

Change Shift

My Time Approver

Leave Request & Holidays (...)

Time Statement with period ...

Time Stamps

Calendar

List of Hiring/InterCompany ...

Delete Lock Entries

Record Working Times

Save Release Directly Release View

Calendar

March 2020

April 2020

May 2020

Mo

Tu

We

Th

Fr

Sa

Su

9

24

25

26

27

28

29

1

14

30

31

1

2

3

4

5

18

27

28

29

30

1

2

3

Completion Status

From: 01.03.2020

To: 24.05.2020

Incomplete Days: 0

Remark

You can navigate from 06.01.2020 to 09.08.2020

AML OVERT.YTD: 0.00

Complete

Not Released

Rejected

Non-Working Day

Approved

Current Selection

Today

Timesheet

Previous Period

Next Period

Week From: 25.05.2020

Apply

Worklist

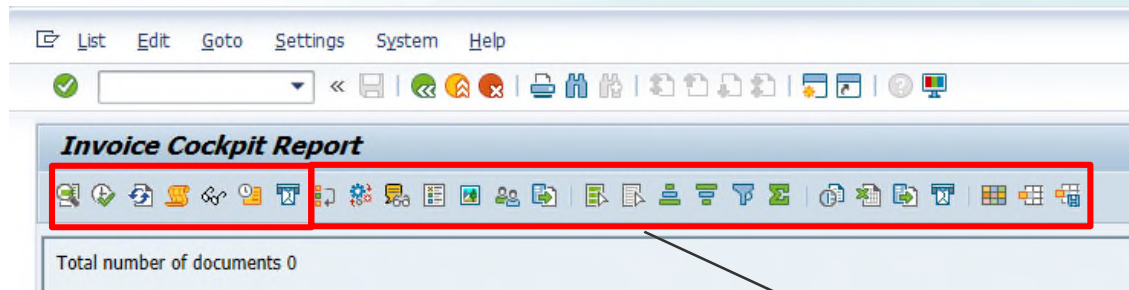
Template

Favorites

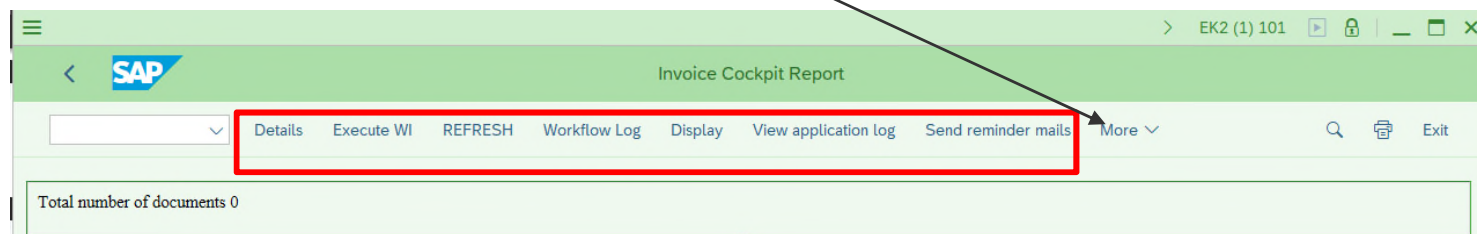
Check

Insert Row

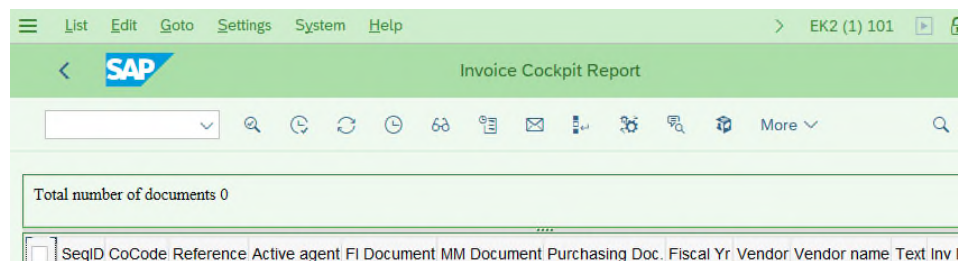
De...	Att./abs. type	Job code	Location	Name	Total	MO, 25.05	D...	TU, 26.05	D...	WE, 27.05	D...	TH, 28.05	D...	FF
					37,50	7,50		7,50		7,50		7,50		7,5
					0,00			0,00		0,00		0,00		0,0
	Ordinary ho	110715A55	STOR	OTHER ADMIN 0										
	Ordinary ho	110715A55	STOR	OTHER ADMIN 0										



SAP GUI before 1809



1809 with
logonpad
7.50



1809 with Logonpad 7.60

What now?

- We already have setup in place use ACDOCA, Analysis for Office etc (from AKSO).
- Adapt it to our corporate structure and project reporting requirements
- Do long overdue cleanups
- Replace MySAP/SAP Portal with Fiori launchpad
- Enable additional apps/tiles
- Build a more relevant launchpad with role dependent catalogs and apps
- Give non-SAP users access to more/better SAP data through a user friendly UI
- Improve integrations with MIPS and Safran
- Get more information back into SAP
- Use new and existing functionality we have missed out on – Focus on finance at first
- Move functionality and data from “satellite systems” to SAP – use SAP for more than just as a cost collector

SAP Commercial Project Management (CPM)?

Key Capabilities



Shared project workspace

- Access real-time project data using a single point of project visibility and control
- Share the same view of each project with all project members
- Generate project status reports quickly using embedded analytics functionality

Project cost and revenue planning

- Improve estimating, planning, and forecasting accuracy, and plan for necessary personnel, materials, expenses, and third-party resources
- Unify financials management throughout project lifecycles
- Develop detailed baseline costs and revenue plans

Project issue and change management

- Manage and monitor change requests and their financial impact to ensure successful project completion and client satisfaction
- Record and clarify project issues quickly and accurately
- Reduce inefficient manual and spreadsheet-based processes

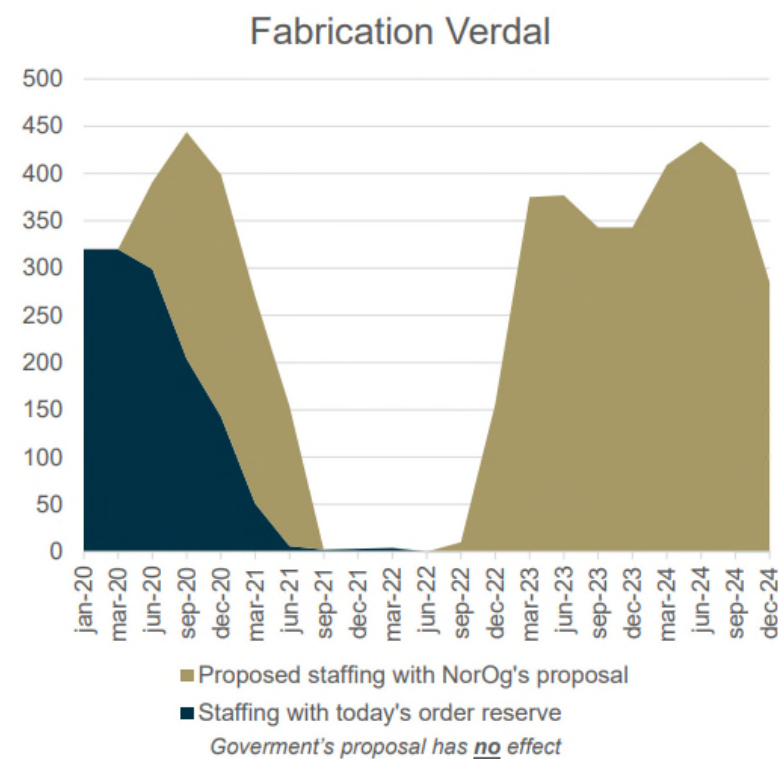
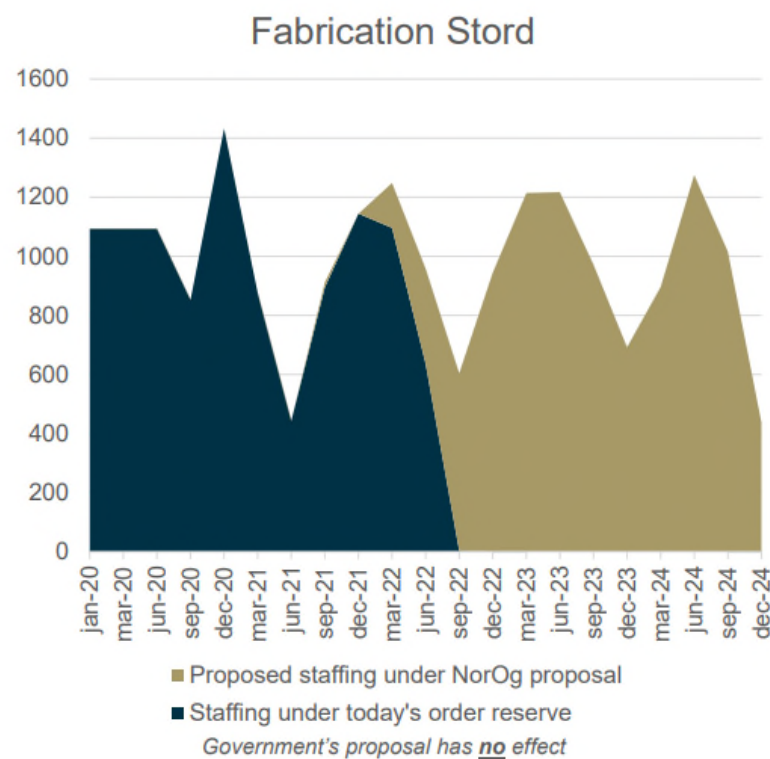
SAP target architecture and roadmap engagement



➤ The objectives of the SAP Target Architecture and Roadmap engagement are the following:

1. Review the key Financial Control Systems and S/4 modifications in Kvaerner's current landscape and evaluate potential to utilize standard SAP solutions
2. Establish high level target architecture and implementation roadmap for further evaluation in terms of costs and benefits

Staffing plan at Kvaerner's business locations



Thank you!

KVÆRNER™