



wintershall dea

SBN 2022

SAP 4HANA WINTERSHALL DEA

AZIM FIAZ

Oslo 19.10.2022

ABOUT ME

Second Generation Pakistani

Born in Bergen

Father of 2

Husband

Masters in International finance

13 Years in Oil & Gas industry with SAP

Aibel

GDF Suez (Neptun Energy)

Wintershall Dea



AGENDA

About Us

New ONE SAP

- › Project structure
- › System landscape
- › Joint venture Structure
- › Project System Setup

Fiori Apps

Lessons learned



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ABOUT US





Who we are

 team
wintershalldea



WHO WE ARE

WINTERSHALL DEA NORGE



- Active since **1973**
- Operator of **Brage, Maria** and **Vega**
- Development operatorships: **Dvalin** and **Nova**



- **One of the largest** gas and oil producers on NCS
- Around **100** licenses, 30 of them as operator
- **Active partner** in producing fields
- **Production 2021:** 159 mboe/d

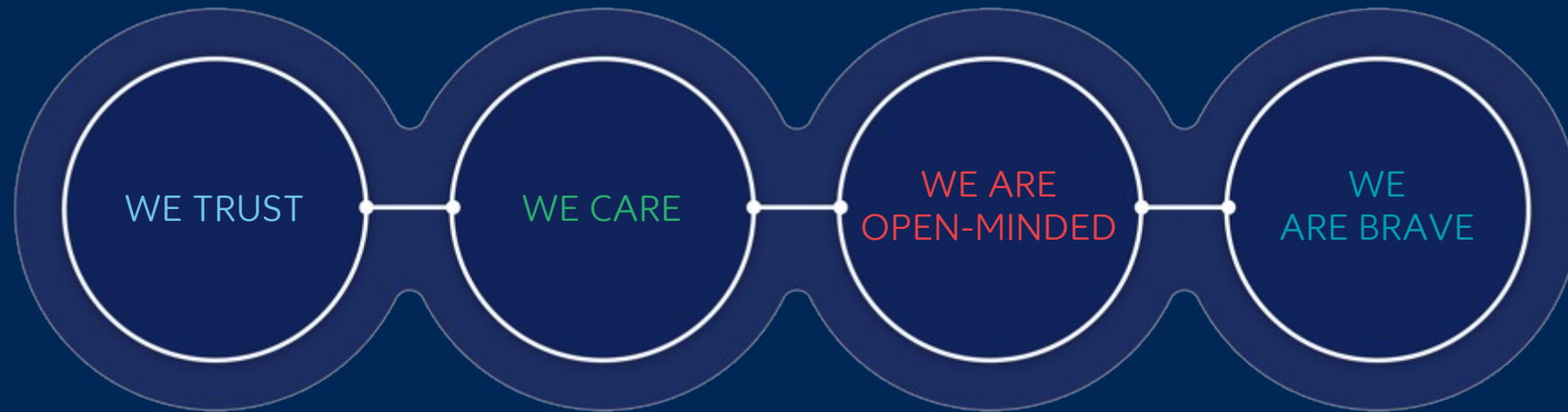


- Around **500** employees
- Main office in **Stavanger** (and office in **Bergen**)



WHO WE ARE

VALUES THAT GUIDE US



Trust is the basis
for all our values

We care for
our people,
our assets, and
our capital

We are convinced
open-mindedness
is key

We are ready
to **accept big**
challenges

The background of the slide features a group of workers in orange safety suits and white hard hats with headlamps, viewed from behind. They are standing in a line, and the Wintershall Energy logo is visible on the back of their suits. The scene is slightly blurred, emphasizing the workers in the foreground.

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PROJECT ONE

OUR NEW SAP



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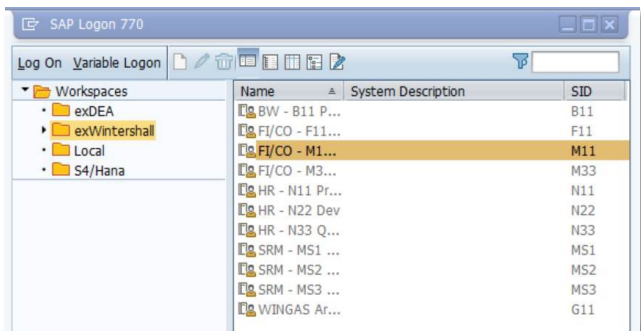
PROJECT STRUCTURE





FOUR SYSTEMS READY FOR GO- LIVE

OUR LEGACY SAP SYSTEM



OUR NEW FOUR ADMINISTRATIVE TOOLS



- Finance & Accounting
- Time writing
- Material Management /logistics
- Maintenance



- Purchase requests (PR's)
- Purchase orders (PO's)
- Invoice approvals



- New Digital travel expenses

SAP HCM

- Organisational management
- Personell administration
- Payroll
- Digital personell files



- New travel booking agency

GLOBAL TEMPLATE

DRAFT

Global
Template 

Process framework for all business units including following functionalities

1 Source to Pay (S2P)

- Master Data
- Supplier onboarding
- Sourcing
- Contract management
- Requisitioning
- Requisitioning stock materials (MRP)
- Requisitioning from Work order (M2O)
- Requisition approval
- Purchase Order Processing
- Purchase Order Change
- Goods/Service Receipt
- Invoice Processing
- Reporting

2 Sales to Cash (S2C)

- Master Data
- Trading sales (Robotron interface)
- Sales of Oil and Gas Community
- Services Sales
- Accruals
- Sales of spare parts
- Price Correction processes
- Quantity Correction processes
- Cancellation
- ICTP – Inter-Company Transfer Pricing
- Master Data maintain
- Ongoing Services
- Service on Demand
- Ongoing Serv./Serv. on Demand for non-SAP customers
- Correction process

3 Material Management (MM)

- Master Data
- Inventory management
- Reports
- Material Requirement Planning
- Quality Management in Procurement
- Physical Inventory

4 Maintain to Operate (M2O)

- Master Data
- Corrective Maintenance
- Preventive Maintenance
- M2O Reporting Maintenance Management
- Improvement
- Mobile devices (SAP Asset Management)

5 Project Controlling & Reporting (PCR)

- Master Data
- Cost Planning
- Actual costs & commitments
- Month-end closing
- Reporting
- Project closing
- Interfaces (PIMS, Coupa)
- Investment program management
- Management and reporting of Joint-Venture budget

6 Finance, Accounting and Reporting (FAR)

Finance core

- Master Data
- Accounting and Financial Close (Universal Ledger)
- Asset Accounting
- SAP Fiori Analytical Apps
- Accounts Payable
- Accounts Receivable
- Payments and Bank Integration/Cash & Liquidity Mgt.
- RE-FX (Flexible Real Estate Management)

Joint Venture Accounting (JVA)

- Setup of Joint Venture
- Joint Venture Operations
- Specific JVA operations

Overhead Cost Accounting

- Master Data - Maintenance of Cost Objects
- Overhead Cost Allocation

REFX – Real Estate Flexible

- Contract Lease Management

MRP = Material Replacement Planning; WBS = Work Breakdown Structure; PIMS = Project Information Management System; AFE = Authorization For Expenditures

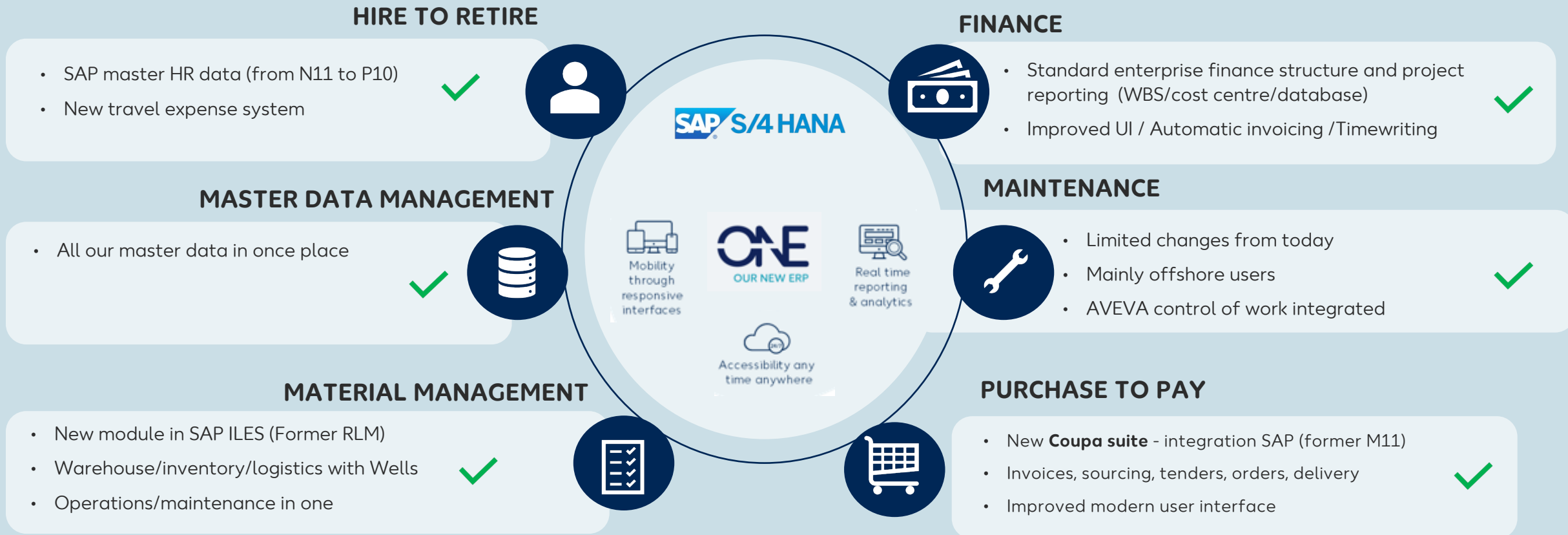


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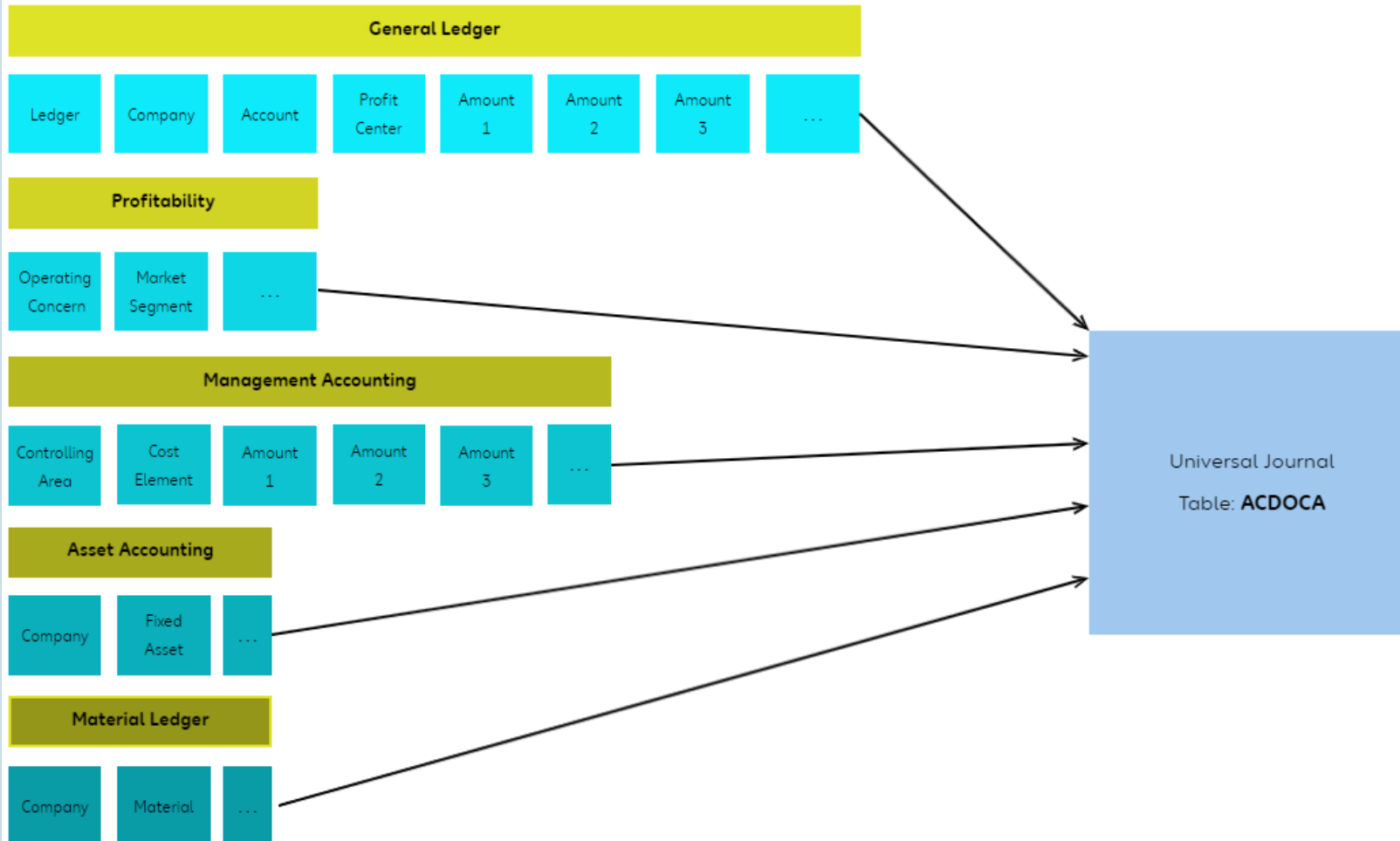
SYSTEM LANDSCAPE



IMPACT



Universal Journal



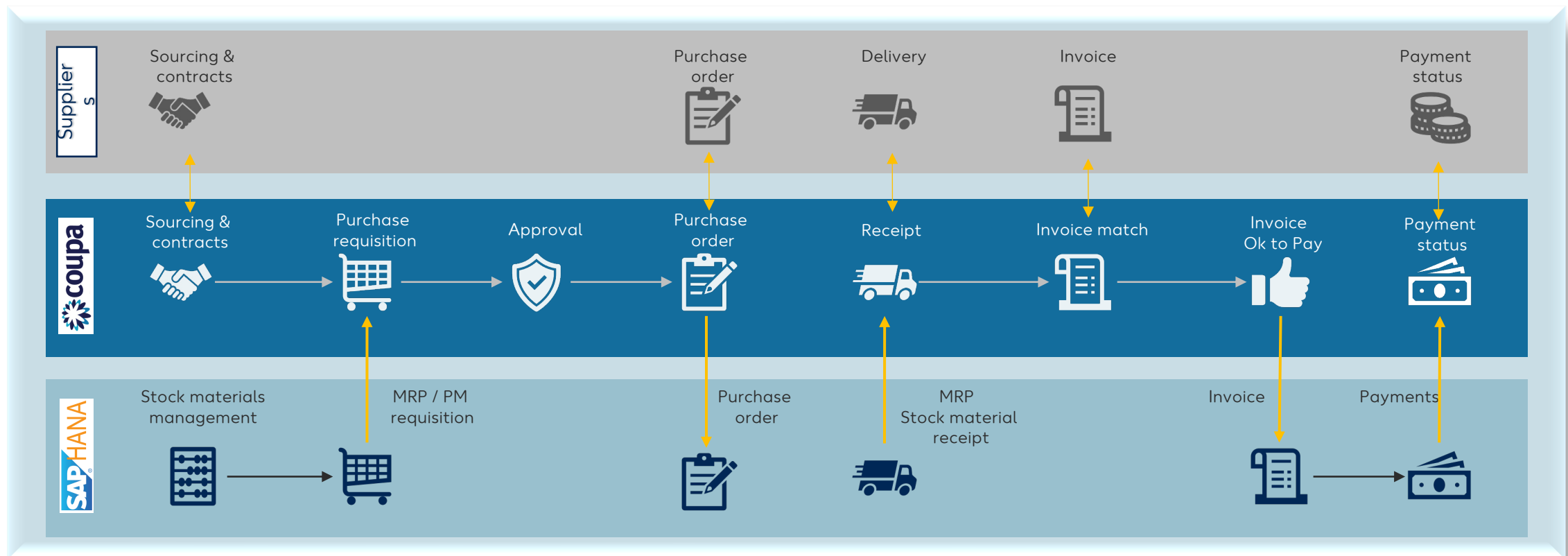
The universal journal is now the single source of truth. Each posting creates line items in the universal journal table (ACDOCA) that combines all data entered in the different financial components into one single structure.

The new architecture includes the following benefit:

- There is one line item table with full detail for all components.
- Data is stored only once, so no reconciliation is needed.
- Fast multidimensional reporting on the universal journal is possible without replicating data to BI. If BI is in place, one single BI extractor is needed.
- The memory footprint is reduced through elimination of redundancy.
- Technical preparation enhances important structural capabilities of the financials solution (e.g. multi-GAAP, additional currencies)

3. SOURCE TO PAY - PROCESS OVERVIEW

Coupa will provide a global platform for **Buyers** to conduct sourcing events and manage contracts, for **Requisitioners** to buy goods and services, for **Accounts Payable** to process invoices and improve connectivity with **Suppliers**, driving automation and touchless processing wherever possible





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JOINT VENTURE STRUCTURE





JVA





Joint Venture Accounting (JVA) Objects

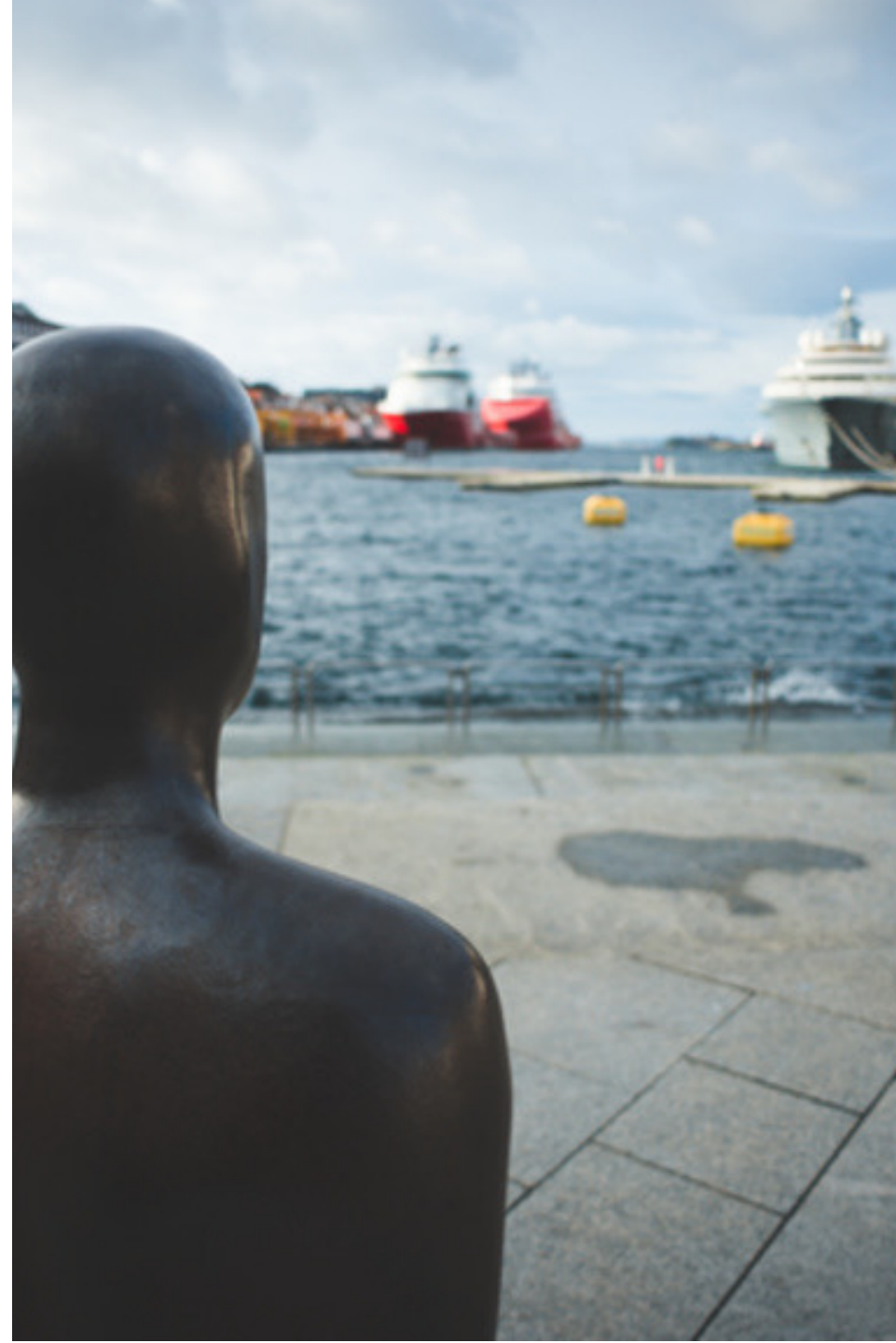
To see the object details roll over the object with the mouse

Object name	Description
Joint Operating Agreement (JOA)	A JOA is a formal agreement that specifies the conditions for a joint operation. This covers the interests of the partners and their properties, as well as overheads and penalties.
Joint Venture	This is an association of two or more partners, formed to share a venture's risks, costs, and revenues. Each partner's share is proportional to their undivided interest in the venture.
Equity Type	The JOA has different development stages, such as engineering and design, construction, and production. Different partners participate at each stage. JVA manages the different stages by using equity types. An equity type explains a particular association of partners. This definition may be related to time, phase or purpose and is linked with a specific equity group.
Equity Group	An equity group represents an association of venture partners and their interests. An equity group may consist of all or some of the venture partners.
Joint Venture Partner	This is a partner mentioned in the JOA with an undivided interest in a venture. One partner, called the operator, manages the operation. The remaining non-operating partners share expenses and revenues.
Recovery and Billing Indicators	You assign a recovery indicator to a cost object to indicate whether or not expenses, posted using the cost object, are billable to JVA partners. You assign billable costs to the appropriate partners. Non-billable expenses are assigned to the operator. Billing indicators are assigned to billable postings and identify the type of posting involved, including cash call, normal expenditure, and audit adjustment.



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PROJECT SYSTEM SETUP





WBS NAMING CONVENTION - EXAMPLE

Project Info System: WBS Elements Overview

Project Definitions

Project definition	WBS element	Name	Lev	Ac	Se	Se	RI	Venture	ET	Class	SCI	A	Type	ObjCl	L
NOO055C-NP/D	NOO055C-NP/D	BRAGE UNIT	1				BI	O0055C	4				OPEX Over...		1
NOO055C-NP/D	NOO055C-NP/DV	DEV - Sole/Own Costs-BRAGE UNIT	2				CP	O0055C	3				OPEX Over...		1
NOO055C-NP/D	NOO055C-NP/DV00-A03.00CP	Time-Writing Development (N-Projects)	3	X	X		CP	O0055C	3		Z	ZZ	OPEX Over...		1
NOO055C-NP/D	NOO055C-NP/DH	DEV - Wells-BRAGE UNIT old dev.	2				BI	O0055C	3				OPEX Over...		1
NOO055C-NP/D	NOO055C-NP/DH00-503.01B7	Well 31/4-A-01 Talisker East	3	X	X		BI	O0055C	3		5	0301	CAPX Inves...		1
NOO055C-NP/D	NOO055C-NP/DH00-503.01A4	Well 31/4-A-26 A	3	X	X	X	BI	O0055C	3		5	0301	CAPX Inves...		1
NOO055C-NP/D	NOO055C-NP/DH00-503.01A6	Well 31/4-A-26 A Hook-up	3	X	X	X	BI	O0055C	3		5	0301	CAPX Inves...		1
NOO055C-NP/D	NOO055C-NP/DH00-503.01D4	Well 31/4-A-13 CD	3	X	X	X	BI	O0055C	3		5	0301	CAPX Inves...		1
NOO055C-NP/D	NOO055C-NP/DH00-503.01D6	Well 31/4-A-13 D Hook-up	3	X	X	X	BI	O0055C	3		5	0301	CAPX Inves...		1
NOO055C-NP/D	NOO055C-NP/DH00-503.01C4	Well 31/4-A-11 CD	3	X	X	X	BI	O0055C	3		5	0301	CAPX Inves...		1
NOO055C-NP/D	NOO055C-NP/DH00-503.01C6	Well 31/4-A-11 CD Hook-up	3	X	X	X	BI	O0055C	3		5	0301	CAPX Inves...		1
NOO055C-NP/D	NOO055C-NP/DX	DEV other income & expenses-BRAGE UNIT	2				CP	O0055C	3				OPEX Over...		1
NOO055C-NP/E	NOO055C-NP/E	BRAGE UNIT	1				BI	O0055C	4				OPEX Over...		1
NOO055C-NP/E	NOO055C-NP/EX	EXPL - Other income & expenses-BRAGE UNI	2				CP	O0055C	1				OPEX Over...		1
NOO055C-NP/E	NOO055C-NP/EX00-R07.04CP	Other miscellaneous income (RM)	3	X			CP	O0055C	1		Z	ZZ	OPEX Over...		1
NOO055C-NP/E	NOO055C-NP/EX00-D01.05CP	Brage Impairment adjustment	3	X			CP	O0055C	1		Z	ZZ	OPEX Over...		1
NOO055C-NP/E	NOO055C-NP/EX00-C02.00CP	Other expl. costs outside billing	3	X			CP	O0055C	1		Z	ZZ	OPEX Over...		1

NO: Norway

O055C: Brage

-NP: Non project

D: Development

S: General & Admin

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FIORI APPS USER FRIENDLY STARTPAGE



wintershall dea

FIORI LAUNCH PAD

Home ▾

My Home

ZBCG_CA_ENDUSER_M_ALL

CO - Cost Reports

CO - Cost reports WDA

Hourly rate calculation BU NO reports

Hierarchy maintenance

CO Manager APPROVAL

CO - MDM Display

CO - MDM Rej > ▾

⊗ Cannot load tile

ZBCG_CA_ENDUSER_M_ALL

My Inbox
All Items

✓ 0

Application Log:
Display Logs

CO - Cost Reports

Analyze Prices for
Activity Types
Cost Centers

Display Commit-
ment Line Items
Cost Centers

Commitments by
Cost Center

Profit Centers –
Actuals (3rd curr.)

Profit Centers –
Plan/Actuals (3rd
curr.)

Cost Centers –
Actuals (3rd curr.)

Orders – Actuals
(3rd curr.)

Orders – Plan/Actu-
als (3rd curr.)

Cost Centers –
Plan/Actuals (3rd
curr.)

Replicate Runtime
Hierarchy

Hourly rate calcula-
tion
(Cost centers)

Display G/L Account
Line Items
FBL3N

Hourly rate calcula-
tion
(WBS elements)

Display Line Items
Cost Accounting

Set Report Rele-
vancy
Set-Based Hierarchies

Display budget doc-
ument

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LESSONS LEARNED



WHERE ARE WE NOW

Overall a successful implementation of S4 Hana

- Faster reports & data extraction
- XML JVA billings & Cash call for operated JV via Fiori App
- Challenges during migration of data
 - Master data (WBS on higher level)
 - Multiple equity changes in SAP (Farm inn/ out)



CHALLENGES DURING PROJECT

- Communication
 - Communication
 - Communication
-
- Challenges during migration of data
 - Master data (WBS on higher level)
 - Reconciliations
 - Open items
 - Multiple equity changes in SAP (Farm inn/ out)

WEAR A
FACE MASK



FUTURE PLANS FOR SAP

- Improve outstanding issues in SAP
 - Fiori inbox
 - Data consistency
- Optimise use of new data structures
 - Efficient processes
 - Fiori apps for reporting
 - User-friendly Apps



A man in a dark suit and glasses stands behind a grey podium with the letters 'ONS' on it. He is speaking to an audience whose silhouettes are visible in the foreground. Behind him is a large screen displaying a blue-toned image of an astronaut in space, holding a glowing object. The text 'Stay tuned!' is overlaid on the right side of the screen.

Stay tuned!

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Questions



Thank you