What's New in Enterprise Portfolio and Project Management
SAP S/4HANA On-Premise & Cloud

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Agenda

- Brief Solution Overview – Enterprise Portfolio and Project Management

- Latest Innovations in EPPM On-Premise

- Roadmap S/4HANA on-premise

- EPPM in Cloud (S/4HANA Cloud & BTP)

- Questions & Answers

EPPM Solution Overview
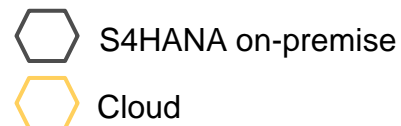
Enterprise Portfolio and Project Management
Overview

EPPM on SAP Cloud Platform — Cloud Platform

EPPM in SAP S/4HANA — Cloud

EPPM in SAP S/4HANA — AnyPremise

+ RISE S/4HANA

+ S/4HANA Cloud Extended Edition

Solution Capabilities in EPPM

SAP Enterprise Portfolio and Project Management

- Idea Management
- Portfolio Management
- Financial & Capacity Planning
- Project Planning
- Project Risk Management
- Resource Management
- Execution
- Integration to 3rd party
- Issue Management
- Change Management
- Collaboration
- Analysis

SAP S/4HANA

- Single source of truth

- Finance - Providing Instant access to detailed financial insights

- Direct access to ERP cost records

- Efficient procurement

- Human Resources integration

- S/4HANA real-time project analytics

- Consistent Fiori UX for SAP S/4HANA

S4HANA on-premise

Cloud

Solution Overview
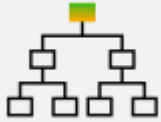
Manage and control enterprise wide, project related investments

S/4	S/4	S/4	S/4	PIN ☁	BTP ☁

Project Proposal Mgmt.

- Project Request incl. Benefits and Goals
- Budget & capacity Planning
- Stage/Gate process
- Questionnaires
- Scorings
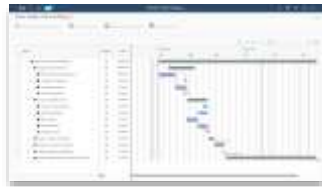
Project Planning & Scheduling

- Structure Project Phases and Task, Milestones
- Project Scheduling
- Task and deliverables management
- Simulation and Versions
- Integration with Accounting
- Integration with Oracle P6 and MS Project

Project Cost Planning & Forecasting

- Detailed Financial Planning
- Plan required Activities, Services and Material Quantities
- Multiple Planning versions
- Automatic price determination or manual input
- Forecasting

Issue, Risk and Change Management

- Issues and Risks in Projects
- Mitigation Activities
- Request and approve Changes
- Track Changes for Approved, Pending and Current Cost Plan
- Automatic update of Project Cost Plan with approved changes

Project Collaboration

- Visualization of Project information
- Information Exchange and communication with contractors
- Digital twin in Projects
- Task management with external participants

Portfolio Analysis

- Review Portfolio Performance
- Real time insights into costs, budget consumption and progress
- Roll Up and Aggregation
- Identification of critical projects
- Alignment of Investments with corporate strategy

Latest Innovations EPPM On-Premise

Customer Connection (SAP Business Suite)
Statistics

- **ERP PLM 2022 - Portfolio & Project Management and Project System**
  - Collect Phase starts on Oct 1st
  - Kick-off Call on 14th Oct

- **ERP PLM 2021 - Portfolio & Project Management and Project System**
  - 1st Delivery Call 14th Oct
  - 13 Improvements planned for PPM,
  - 7 Improvements planned for PS

Selected Innovations SAP S/4HANA 2020 FPS1

- SAP UI5 based Network Graphic for Project System
  - Display network activities and their relationships as an interactive graph
  - Use as standalone Fiori App and integrated in Project Builder

- Enhanced Integration between Portfolio Item and Commercial Project
  - Automatic creation and linking of PS or PPM Project and Commercial Project from Portfolio Item
  - Attribute and Status Synchronization

- Risk Management for Portfolio Item and Project
  - Risk Register to track risks and opportunities
  - Risk assessment based on standardized criteria

Selected Innovations SAP S/4HANA 2020 FPS2

- Enhanced field extensibility for projects in Project System

  - Leverage Fiori extensibility fields for PS objects in classical transactions to

    - Maintain customer specific fields
    - Use in Fiori and classical structure reports

  - Accelerated creation of custom fields by business process experts and key users w/o the need of BADI implementations

- Separate archiving option for PPM project versions with associated risks

  - Improved archiving support for project versions with associated risks

- Synchronize additional attributes between commercial projects and portfolio items

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  - Align deletion of object links for commercial projects and projects from portfolio items
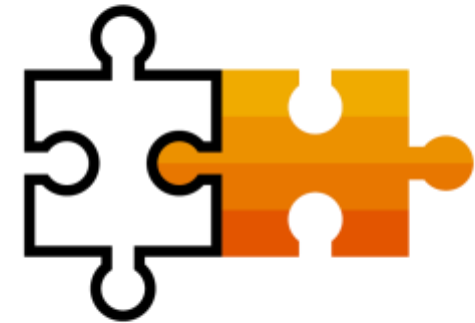
Enhanced Field Extensibility and API in Project System

Integration of custom fields defined through extensibility in classic transactions for:

- Project Definition
- WBS element
- Network
- Network activity
- Milestone
- Material component

Additional attributes for Read API for WBS Element

Blog Post: Key User Extensibility for PS

Synchronize additional attributes between commercial projects and portfolio items

More **flexible attribute synchronization** between commercial project and portfolio item, i.e. mapping defined in customizing and additional attribute support such as custom fields or reporting attributes

Aligned deletion of object links for commercial projects and projects from portfolio items

Improved display of item attributes on commercial project

Extension for Risk Management for Portfolio Item and Project

Separate archiving of project and item versions with associated risks

Assess risks based on **standardized criteria** and define **risk response**

Road Map and Outlook

EPPM in SAP Road Map Explorer

EPPM Road Map in SAP S/4HANA

Selected Innovations planned for SAP S/4HANA 2021 FPS0/FPS1

Planned

- SAP Fiori app for project Gantt chart: Project Schedule app
  - Visualization of project structure and scheduling information in a graphical way, leveraging the Gantt graphic control for SAPUI5

- Modernized PS text handling option
  - New Fiori app for central PS text handling
  - Storage of PS texts as notes or attachments

- New ODATA based Create, Delete and Update APIs for PS projects and WBS elements

- PPM integration scenarios with SAP Enterprise Product Design
  - New object link to integrate portfolio items and projects with collaboration cloud services
  - Integration with requirements management cloud services

SAP Fiori App for Project Gantt chart

Planned

Visualization of project structure and scheduling information in Gantt chart

Launched from Project Builder or as standalone app

Side Panels for detailed information on project objects and navigation

Flexible handling of variants including graphic settings

Enhanced field extensibility for project structure reports

Enabling key user extensibility for output of e.g.

- Project Structure Reports *(CNxx, CNSxx, CNxxN)*

- Milestone Trend Analysis Report

- Batch Variants (*CN70*)

- Change Documents (*CN60/CNS60; CJCD; COCD*)

Integration PPM with Cloud Collaboration Services

Facilitate project-related **collaboration with external parties**

- Object Link between project structure elements and collaboration

Collaborate leveraging

- Document Sharing
- Assignments of Work Item

Outlook and Future Direction

- Modernization of selected compatibility scope items:
  - Reporting
  - Project system logistics capabilities, such as project-oriented procurement
  - Claim management
  - Planning and maintenance of project structure elements
  - Progress tracking components
  - Further topics under preparation*)

- Extended leverage of new Financial Planning and reporting capabilities
  - Activity input planning via SAP Analytics Cloud
  - Storage of network costing data in ACDOCP database table
  - Storage of Easy Cost Planning data in ACDOCP database table
  - Portfolio item financial planning integration with ACDOCP database table
  - Tbd

- Additional ODATA based APIs and support of hybrid scenarios

- SAP Intelligent Robotic Process Automation for EPPM (CEI started)
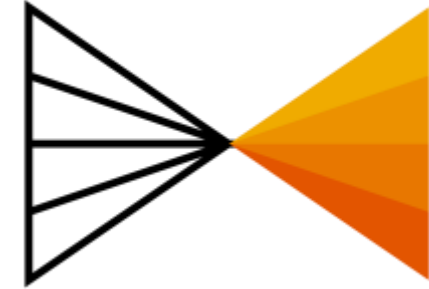
*) The latest official status of compatibility scope items can be found in the "way forward" Excel attached to note https://launchpad.support.sap.com/#/notes/2269324

EPPM Cloud

Enterprise Portfolio and Project Management
## Overview
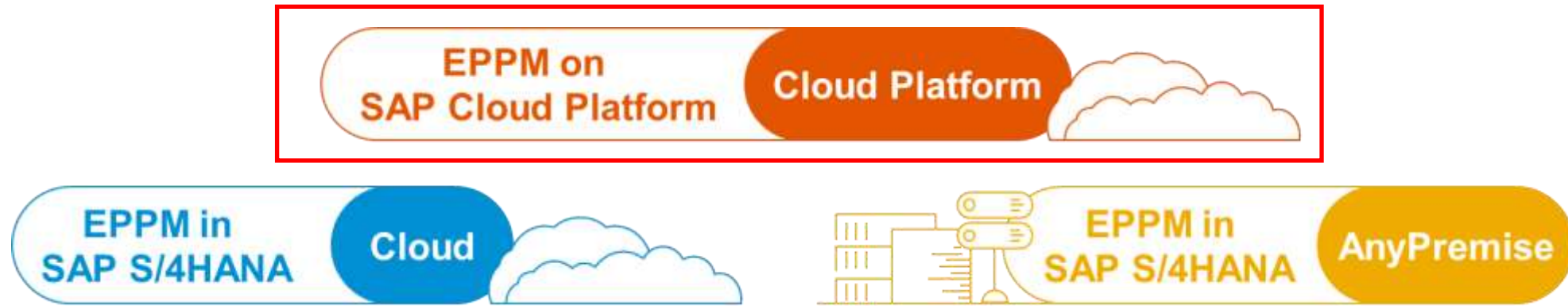
+ RISE S/4HANA

+ S/4HANA Extended Edition

SAP EPPM Cloud – Public Cloud (BTP)

SAP Lab Preview

Covered by : SAP S/4HANA Cloud for projects

Portfolio Management
Do the right Projects – Prioritize based on corporate strategies and business goals **(tbd)**

Resource Management
Gain insights into demands, put resources in the right place at the right time **(Q3/20)**

New: Project Management
Decouple planning processes and connect with ERP at the right point in time **(Q2/22)**

1

**SAP S/4HANA
Cloud for projects**

SAP Cloud Platform
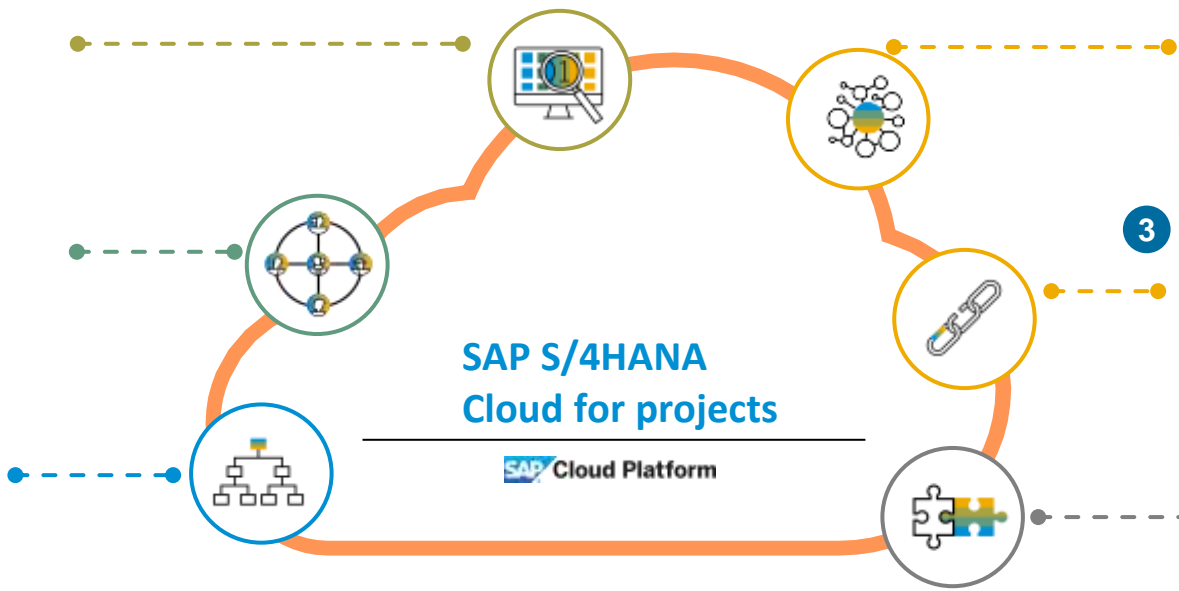
2 **Covered by :** SAP S/4HANA Cloud for projects (planned in Q4/2021)

Project Collaboration (PIN)
Connect people, information and processes across intelligent enterprises

3 Included in SAP S/4HANA Cloud for projects

Data Connection
Integration to 3rd party scheduling tools **(Q4/21)**

Extensibility
Extend processes with customer and partner apps

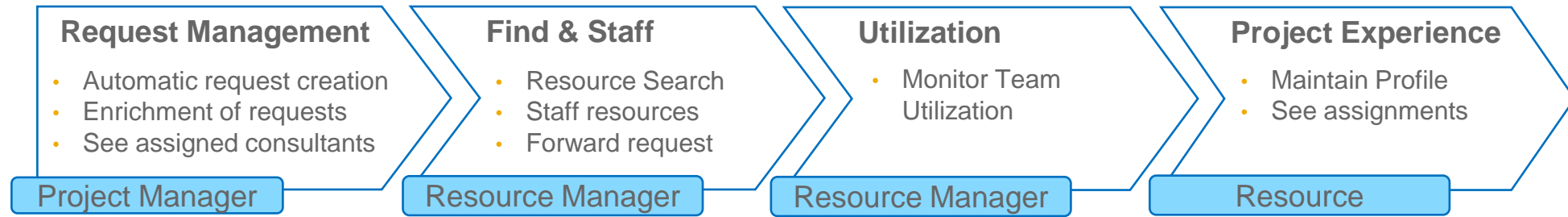**2021: Focus on Professional Service Projects (S4HC)**

EPPM in SAP S/4HANA **Cloud**

- Project financials control
- Project logistics control

- Professional Service Edition (Project Accounting & Billing)

EPPM in SAP S/4HANA **Any Premise** **(2022)**

- Portfolio management
- Project management
- Resource management*

- Project financials control
- Project logistics control

*Integration with PPM (2021 via APIs & Consulting Solution)

S/4HANA Cloud for projects, Resource Management Process Overview

Request Management	Find & Staff	Utilization	Project Experience
• Automatic request creation • Enrichment of requests • See assigned consultants	• Resource Search • Staff resources • Forward request	• Monitor Team Utilization	• Maintain Profile • See assignments
Project Manager	Resource Manager	Resource Manager	Resource

S/4HANA Cloud for projects, Resource Management

Available for Professional Service Projects

Roadmap Planning
Q4.2021 – «API»
for demand and assignment information*

SAP S/4HANA **Cloud**

EPPM in SAP S/4HANA **AnyPremise**

*Requires Customer Development

Enhanced Resource Staffing Processes in EPPM with Cloud for Projects Integration Scenario

Project Management

EPPM in SAP S/4HANA — AnyPremise
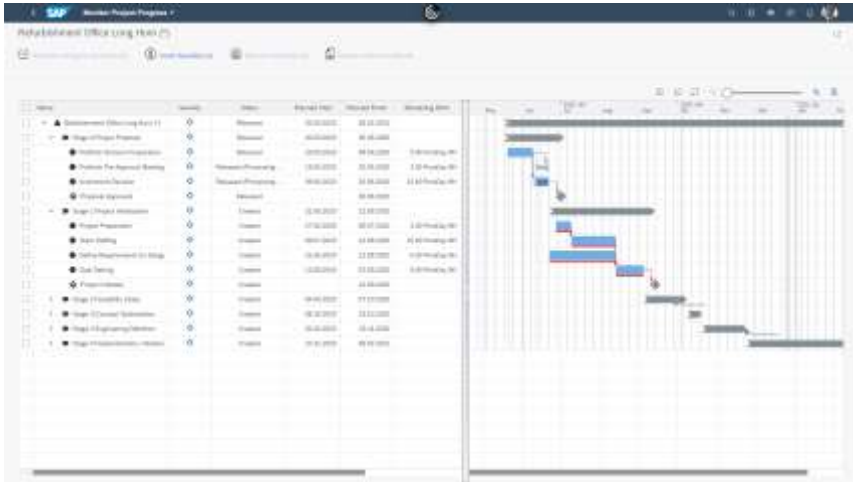
Staffing Requests

S/4HANA Cloud for projects Resource Management

SAP Lab Preview - WIP

Demand -> Request

Resource Profile

Assignments

Q & A

Thank you.

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Appendix