SAP Portfolio and Project Management 6.0
Overview
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Agenda

- SAP HANA in Enterprise Portfolio and Project Management
- SAP Portfolio and Project Management 6.0
  - Scope
  - Technical Prerequisites
  - RampUp
Enterprise Portfolio and Project Management Levels

Strategy – Portfolio Level
- Manage investment opportunities
- Govern execution of projects
- Monitor portfolio performance

Tactical – Project Level
- Execute projects in time, budget, and scope
- Detailed project planning
- Manage project resources and utilization

Operational – Core Level
Executional excellence for core enterprise processes and activities

Financial Data
- Project System
- FI/CO

R&D
- PLM
- EHS

Resources
- HR
- MRS
- Time (CATS)

SAP Project Management

Portfolio Management

Analytics

Initiate

Aggregate

Integrate
**Enterprise Portfolio and Project Management Challenges**

**Strategy – Portfolio Level**
- Efficient monitoring requires **aggregated** information from project management and core systems.
- Decision Making may require **detail** information on budget, timeline or associated data, e.g. service orders.
- **Fast** and **simple** Simulation Capabilities necessary for **smart** Investment Decisions.

**Tactical – Project Level**
- Project work orchestrates activities that result in detail information in the core systems (e.g. Material, Work Order, BOM, recipes etc.). Early anticipation of upcoming issues on time, scope or budget and taking the right measures requires **detailed** insight into this information.
- Efficient management of changes requires **fast** and **simple** simulations based on very granular information, e.g. resource availability, skills etc.
How can SAP HANA support overcoming these challenges?
SAP’s In-Memory Data Management innovation
Providing real-time platform for enterprise applications
Challenges in SAP PPM today when reporting

Lack of granularity in reporting

Financials (CO/PS)

Resources (HR)

...(PLM, CATS, PM…)

SAP PPM

Portfolio Data

Project Data

+ Aggregated Information from Core Systems

Extract

Enrich data from Core Systems

SAP PPM

+ SAP PS/CO

+ SAP PLM

OLAP
Leveraging SAP HANA in PPM

Real time Reporting based on System information directly in PPM

Virtual Data Models powered by SAP HANA

- Virtual Data Model Project System
- Virtual Data Model Portfolio and Project Management
- Virtual Data Model CO
- Virtual Data Model CO
Customer Example

- How SAP HANA can accelerate Portfolio and Project Management processes
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SAP Portfolio and Project Management 6.0
At a Glance

- Why a release dedicated to performance?
  - Make SAP Portfolio and Project Management ready for SAP’s strategic innovation platform SAP HANA
  - Optimize code to handle more data and avoid performance bottlenecks

- What are the consequences for customers?
  - SAP Portf. and Proj. Mgmt 6.0 is a normal release running on both standard relational databases and SAP HANA
  - All customers can upgrade to PPM 6.0
  - On all DB platforms, functionality is equal, but performance is different
Planned HANA Optimizations for SAP Portfolio and Project Management

- Optimization for Project Management
  - Faster access to information
    - Project/ Task Dashboard
  - Update multiple Tasks
  - Search
  - Evaluations and Thresholds

- Optimization for Portfolio Management
  - Faster access to information
    - Item / Initiative Dashboards & Metrics
  - Financial and Capacity Planning - Bucket Rollup

- Archiving of Portfolio Elements
- Enhanced Calculation of Financial KPIs
- Object Link to SAP Environmental Compliance facility
Performance Optimizations
Performance Optimizations

**PPM 5.0**
- User Interface
- ABAP Application Server
- Any DB

**PPM 6.0**
- User Interface
- Opt. ABAP Code
- ABAP Application Server
- Any DB
- HANA Content (Views, Stored Procedures)
- SAP HANA

**Impact**

- **Optimized ABAP Code** accelerates both usage scenarios
  - Relational DB
  - SAP HANA

- **HANA Content** only used if SAP HANA is used as a database
Performance Optimizations

- Optimizations for Project Management
  - Parallelization of Evaluations and Thresholds

- Optimizations for Portfolio Management
  - Portfolio Dashboards
  - Metrics Handling

- Optimizations for Project Management
  - Project Dashboard
  - Task Dashboard
  - Search

- Optimizations for Portfolio Management
  - Roll-Up of Financial and Capacity Planning
Calculation of financial KPIs
Enhanced Calculation for Financial KPIs

Portfolio Item and Initiative
Aggregated Values for
- Planned Revenue (Total/YTD)
- Actual Revenue (Total/YTD)
based on Financial Planning
Calculation of
- NPV
- ROI
- IRR
- Payback Period
- ECV
based on Financial Planning
Archiving
Archiving Enhancements

- Portfolio Management
  - Enable Archiving for Portfolio, Bucket, Item, Initiative, Review, Collection
  - Archiving of objects is bottom-up (i.e. Bucket can only be archived if all items in the bucket are archived)
  - Assigned Business Objects outside SAP Portfolio and Project Management are not archived along with the portfolio object (e.g. PS project is not archived along with the portfolio item)

- Portfolio and Project Management
  - Enable Support of SAP Netweaver Integrated Lifecycle Management which enhances the SAP standard archiving delivery with the ability to manage the lifecycle of live and archived data based on rules
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Standard System Architecture

Browser: IE (8,9,10), Firefox (17.0.4 and higher)
NWBC Desktop 3.5, 4.0

SAP Project and Portfolio Management

SAP NetWeaver

PPM Application System

ABAP (NW7.40)
CPRXRPM

JAVA (optional)*
NW Portal
Business Package for PPM
TREX
ADS

SAP NetWeaver BI System (Optional)

ABAP
BI_CONT

ALE / RFC

SAP HR
SAP PS
Time Sheet

SAP ECC 6.0 or higher
Minimal System Landscape for SAP Portfolio and Project Management 6.0

System Instance 1: Back End
- SAP Portfolio and Project Management 6.0
- ABAP component
- BS_FND 747 etc.
- SAP NetWeaver 7.40
- AS-ABAP

System Instance 2: Front End/Client
- SAP Frontend GUls
- Browser / SAP NW Business Client
- Acrobat Reader

System Instance 3: Adobe
- SAP NW – Adobe Document Service
- SAP NetWeaver (7.3x/7.40)
- AS-Java
System Instance 1: Back End

- SAP Portfolio and Project Management 6.0 ABAP component
- SAP ECC*: ABAP components
- BS_FND 747 etc.
- SAP NetWeaver 7.40 AS-ABAP

System Instance 2: Front End/Client

- SAP Frontend GUIs
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System Instance 3: Adobe

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*: SAP ECC releases which are compatible with the required SAP NW 7.40 release, i.e. EHP 7
System Landscape for SAP Portfolio and Project Management 6.0 - Basic Setup

- **System Instance 1: Back End**
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  - BS_FND 747 etc.
  - SAP NetWeaver 7.40
  - AS-ABAP

- **System Instance 2: Front End/Client**
  - SAP Front-End GUIs
  - Browser
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  - Acrobat Reader

- **System Instance 3: Adobe**
  - SAP NW – Adobe Document Service
  - SAP NetWeaver (7.3x/7.40)
  - AS-Java

- **System Instance 4: Portal, UI delivery**
  - BP for Portfolio and Project Management 5.0 73
  - SAP NetWeaver (7.3x/7.40)
  - AS-Java, EP

- **System Instance 5: SAP ERP Back End**
  - SAP ERP
  - ABAP components
  - SAP NetWeaver
  - AS-ABAP

- **System Instance 6: Reporting**
  - SAP Portfolio and Project Management 6.0 Content
  - BI Content 7.0.5
  - SAP NetWeaver
  - AS-ABAP, BI

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SAP Front End GUIs
SAP NW Business Client
Acrobat Reader

SAP NW – Adobe Document Service
SAP NetWeaver (7.3x/7.40)
AS-Java

BP for Portfolio and Project Management 5.0 73
SAP NetWeaver (7.3x/7.40)
AS-Java, EP

SAP Portfolio and Project Management 6.0
ABAP component
SAP NetWeaver 7.40
AS-ABAP

SAP ERP
ABAP components
SAP NetWeaver
AS-ABAP

SAP NetWeaver
AS-ABAP, BI

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FALL FOCUS
COMMUNITIES CONNECTING
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SAP Portfolio and Project Management 6.0 RampUp

- When is SAP Portfolio and Project Management 6.0 available?
  - Planned Rampup Start: 21\textsuperscript{st} June 2013
  - Planned General Availability: 20\textsuperscript{th} Dec 2013

- Where can I find more information on Rampup?
  - PPM 6.0 Rampup
  - General Info on Rampup Process
THANK YOU FOR PARTICIPATING.

SESSION CODE: 9572

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