



## Enterprise Asset Management (EAM)

### Case Study

# About the Client

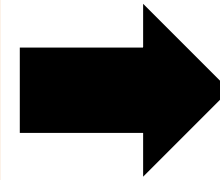


- Riyadh Cement Company (RCC) is a Saudi joint stock company which was established in 2005 and being headed by H.R.H. Prince Faisal Bin Abdul Majeed Bin Abdul Aziz Al-Saud (Chairman of The Board).
- The Riyadh Cement Plant (RCC) is one of the largest Industrial Projects for Grey Cement manufacturing, operating in accordance with the latest technology and internationally known standards of the KSA.
- The company began the first production line in July 2007, with a nominal capacity of 5,000 tons per day. Due to increasing demand in the domestic market and neighboring countries, board had decided the establishment of the second-line with the same capacity which has come into stream in April 2010, while both lines have an in-built capacity of 11,000 tons/day.

# Key Requirements / Challenges



- Determining the total cost incurred on Maintenance Activities & keeping a track of all Maintenance work carried, on various assets.
- Scheduling Preventive Maintenance for large number of Assets at specific intervals.
- Grouping of Huge number of Assets into various groups for carrying on maintenance.
- Appropriate Approval Workflow as per Organization Hierarchy, for various Maintenance Documents viz. Work Request & Work Order.
- Maintaining a complete detail of Operations to be carried on an Asset, when Maintenance is to be done.
- Charging different Material used for Maintenance Work to different Code Combinations.



## Oracle Solution

**Enterprise Asset Management (EAM)**

# Project Details



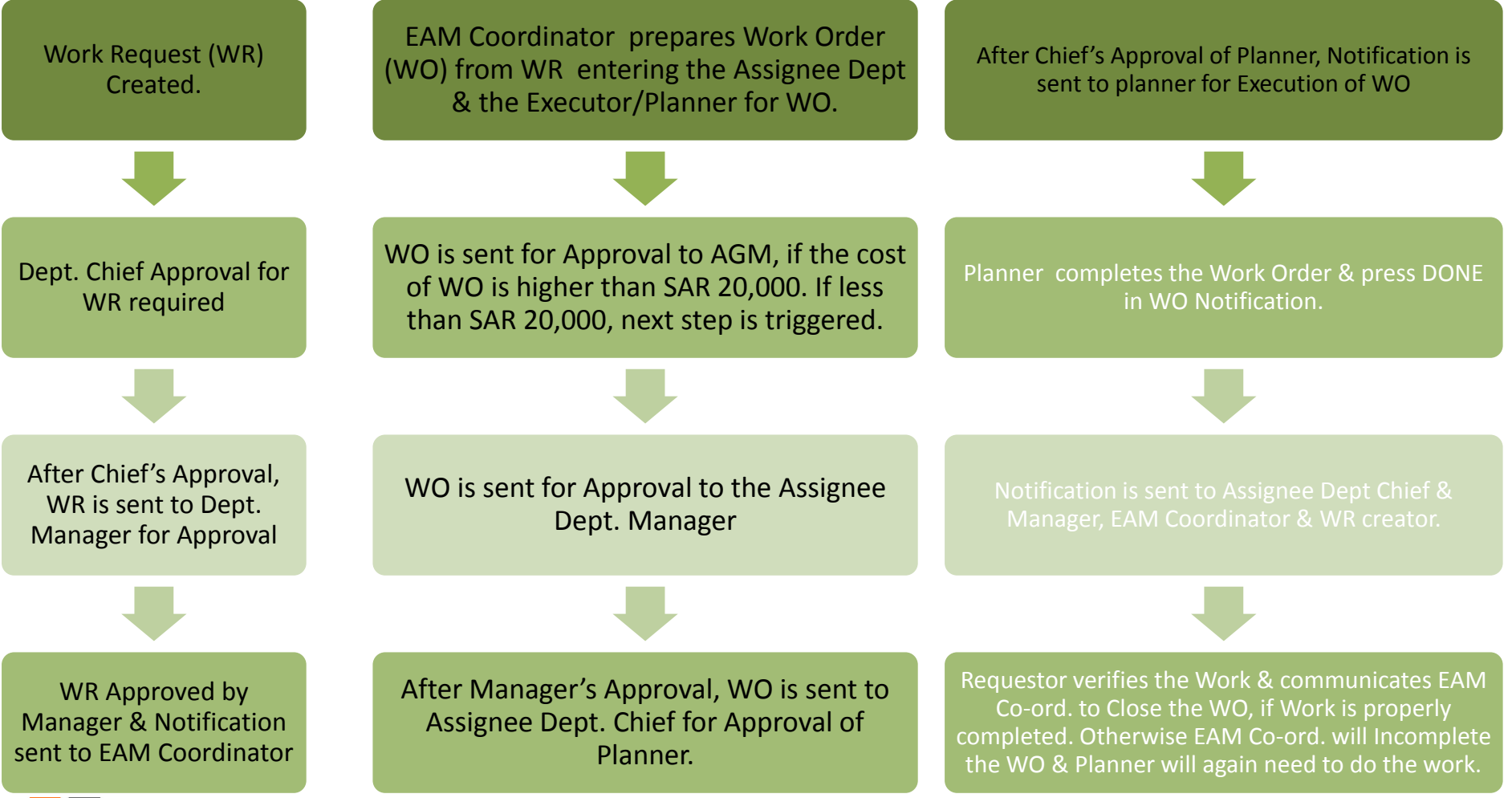
Facts	Description
Project	EAM Implementation
Location	Riyadh, Saudi Arabia
No of Operating Units	2 (RCC, SWCC)
No of Departments	22 Departments
No of Asset Groups	17000+ Assets grouped in 250+ Asset Groups
No of Activities	1000+
No of Operations	1500+
Approval Hierarchy Levels	Customized to 5 Levels Approval Hierarchy (Oracle seeded 2 Level Approval)
Implementation Time Frame	4 Months

# Key Solution Highlights

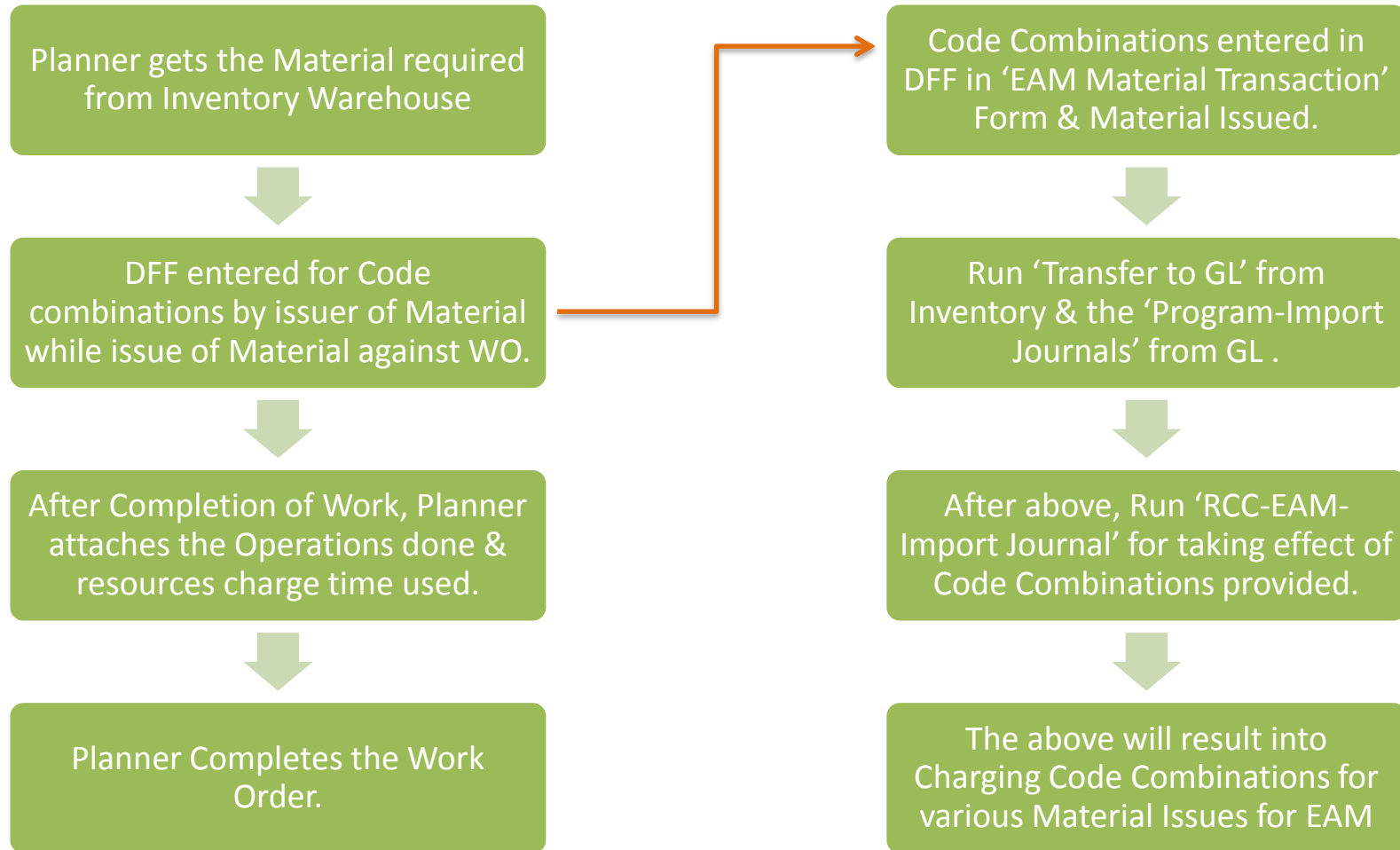


- Design of Client specific 5-Level Approval Workflow hierarchy for Work Order & Work Request Approval.
- Maintenance Workbench Report for determining & planning the Preventive Maintenance Work Orders after running Maintenance Workbench Program.
- Oracle provides a single charge account for charging material used in EAM, in WIP Accounting Class. For charging different material used for maintenance to different Code combinations, developed General Ledger Interface Program Interface linking with the DFF entered at the time of material issue. The Code combination to be charged for each Material Line was to be provided in that DFF.

# RCC EAM Cycle



# WO Completion Process & Solution for Charging to Different Code Combinations



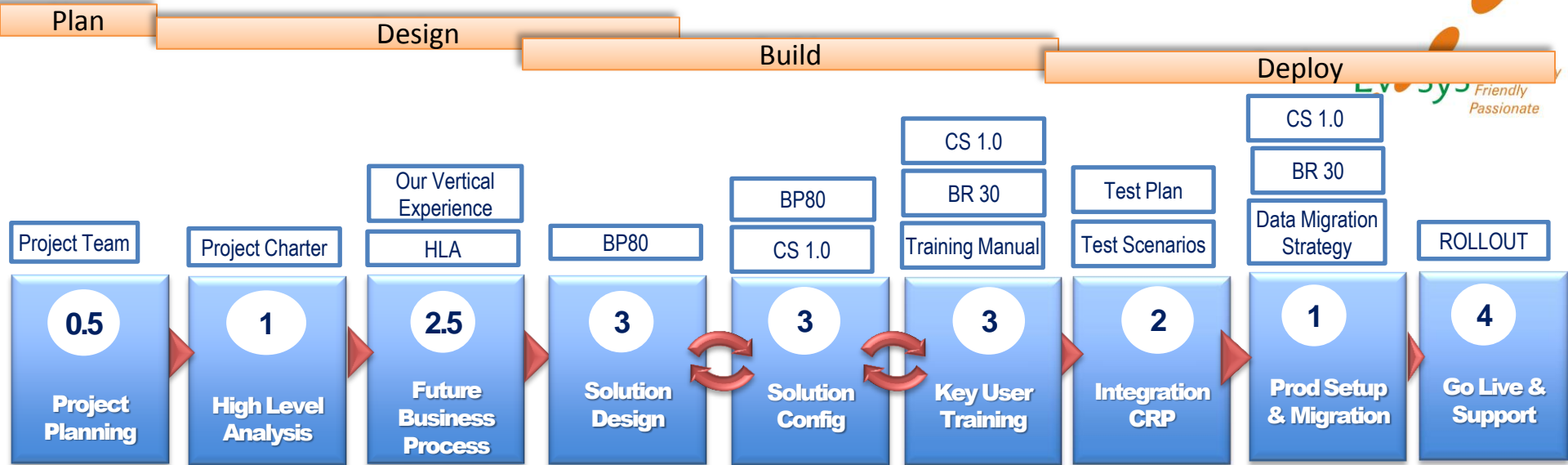
# Customer Benefits



- Empower all workers with easy to use self-service application for Work Request & Work Order creation.
- Manage the full asset lifecycle with a complete view of assets and equipments.
- Oracle EAM allows organizations to setup assets in a hierarchical structure with parent-child relationships. This hierarchical structure makes it easier to find and group assets as well as roll up asset cost.
- Oracle EAM allows users to attach to WO's unlimited types of documents including word documents, and URLs.
- Meters can be defined for scheduling Preventive Maintenance. Meter readings can also be entered.
- Accurate cost incurred on Maintenance of various assets can be determined, which is useful for taking decisions for asset replacement.
- Various reports are helpful to determine various statistics & reporting to higher management.



# Implementation Methodology



Project Status / Scope Control Document

### Quality Control & Assurance



Inputs
  Deliverables & Documentation
  Training & Workshops

# Questions?



# Thank You

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