

Case Study

Oracle Primavera Cloud @ Weir Minerals Netherlands



www.primaned.com



Table of contents

- **Weir Minerals Netherlands**

- Primaned Project Approach
- Implementation highlights
- Results



Weir Minerals Netherlands

Weir Group PLC

- Scottish multinational engineering company.
- Headquartered in Glasgow, Scotland.
- Listed on the London Stock Exchange and part of the FTSE 250 Index.
- Revenue approximately £ 2 billion (2021).

Weir Minerals Netherlands BV

- Global player in positive displacement slurry pumps.
- Design, engineering and manufacturing of GEHO[®] slurry pumps.
- Design, engineering and manufacturing Enduron[®] high pressure grinding rolls.
- Service and support structure spanning 70 countries.



Key Requirements

- Have an integrated Common Data Environment (CDE) for projects.
- Single source of truth.
- Create a reliable project overview (increased transparency).
- Monitor resource capacity.
- Easy to use platform.
- Increase collaboration.
- Cloud based.



Table of contents

- Weir Minerals Netherlands
- Primaned Project Approach**
- Implementation highlights
- Results

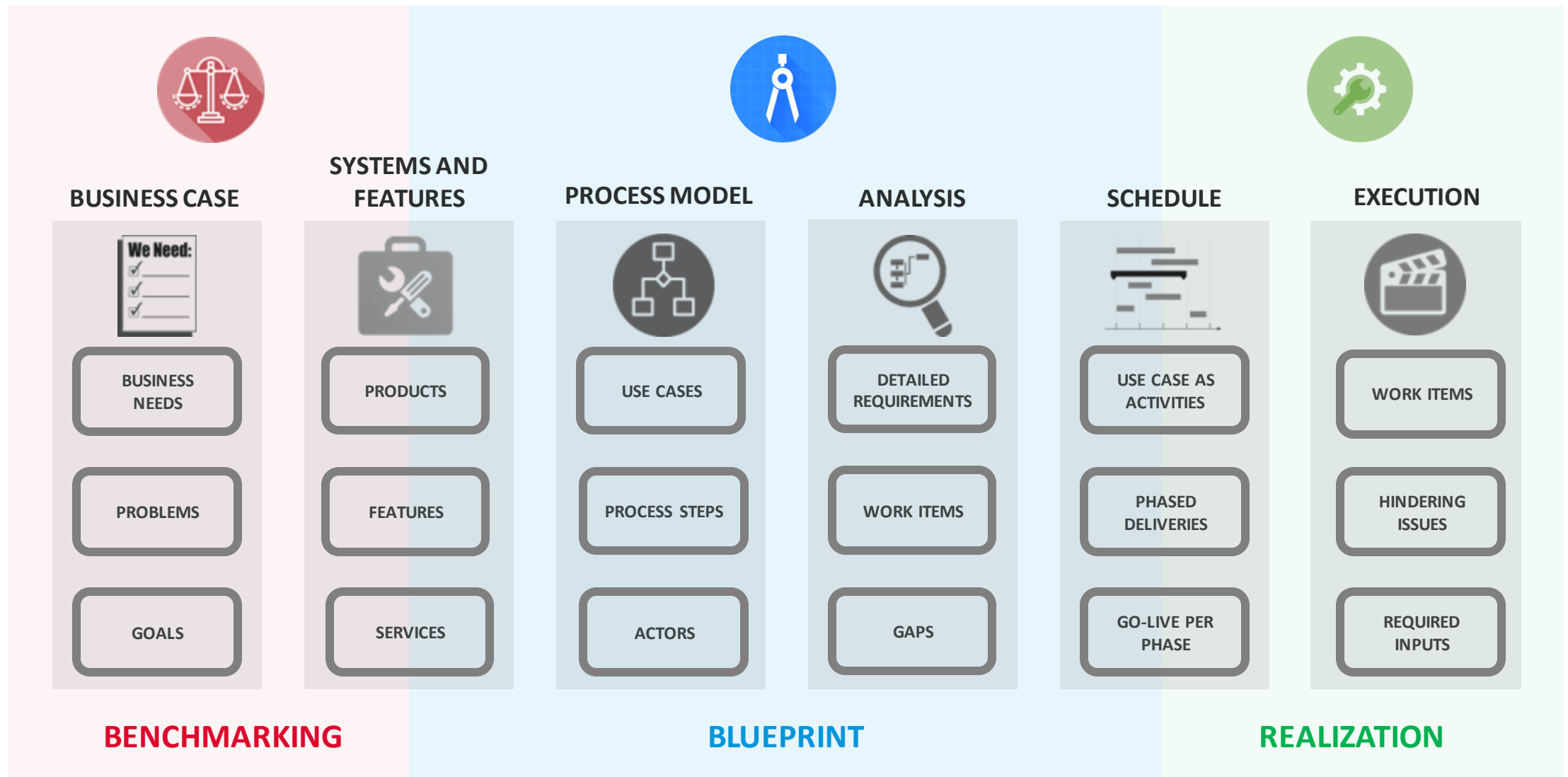


Knowledge Areas

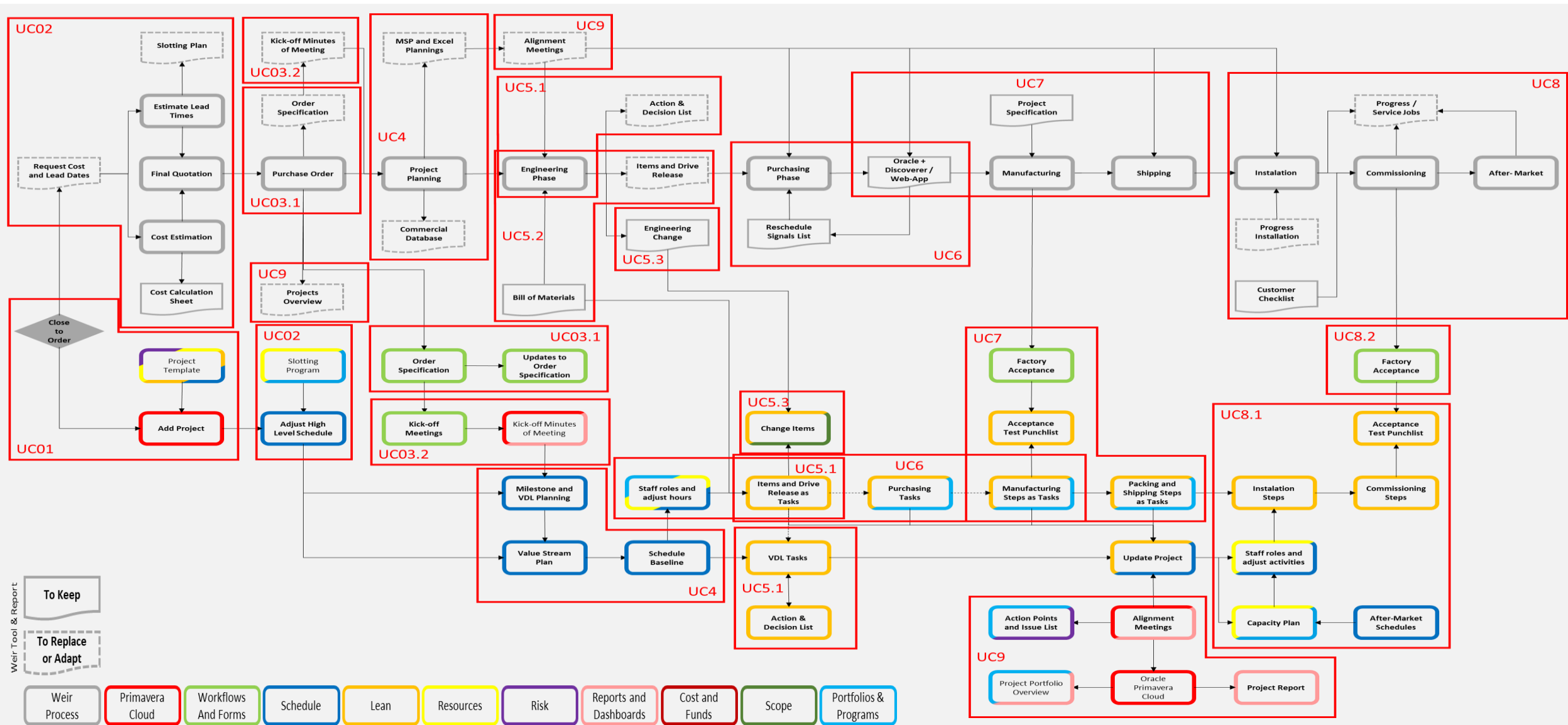


The real power of project controls lies in the integrated approach to manage its knowledge areas.

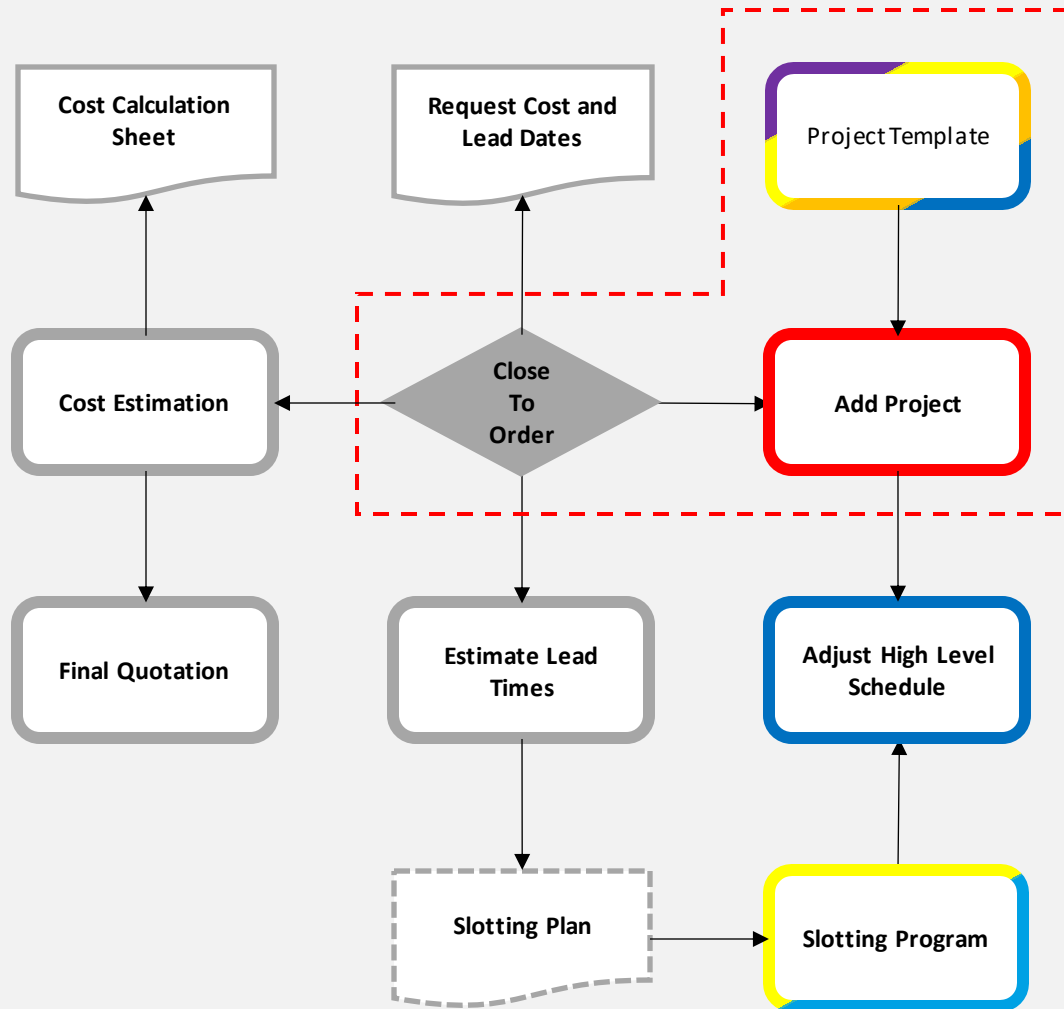
Primaned Approach



Use Cases



Example: UC01



Purpose

Start a new project in Oracle Primavera Cloud when there is a high probability of the project to be awarded to Weir Minerals and a new order is opened the Oracle ERP database



Description

- Project will be created from a template (or reference projects)
- Templates will include WBS, Schedule (CPM and Lean), Resources and Risks data
- Templates will cover all project life-cycle from the moment the Purchase Order is likely to come up
- Project users will be staffed at this stage



Performers

- Project Managers so they have from scratch Project Admin rights. If not, these must be manually provided, at a later stage

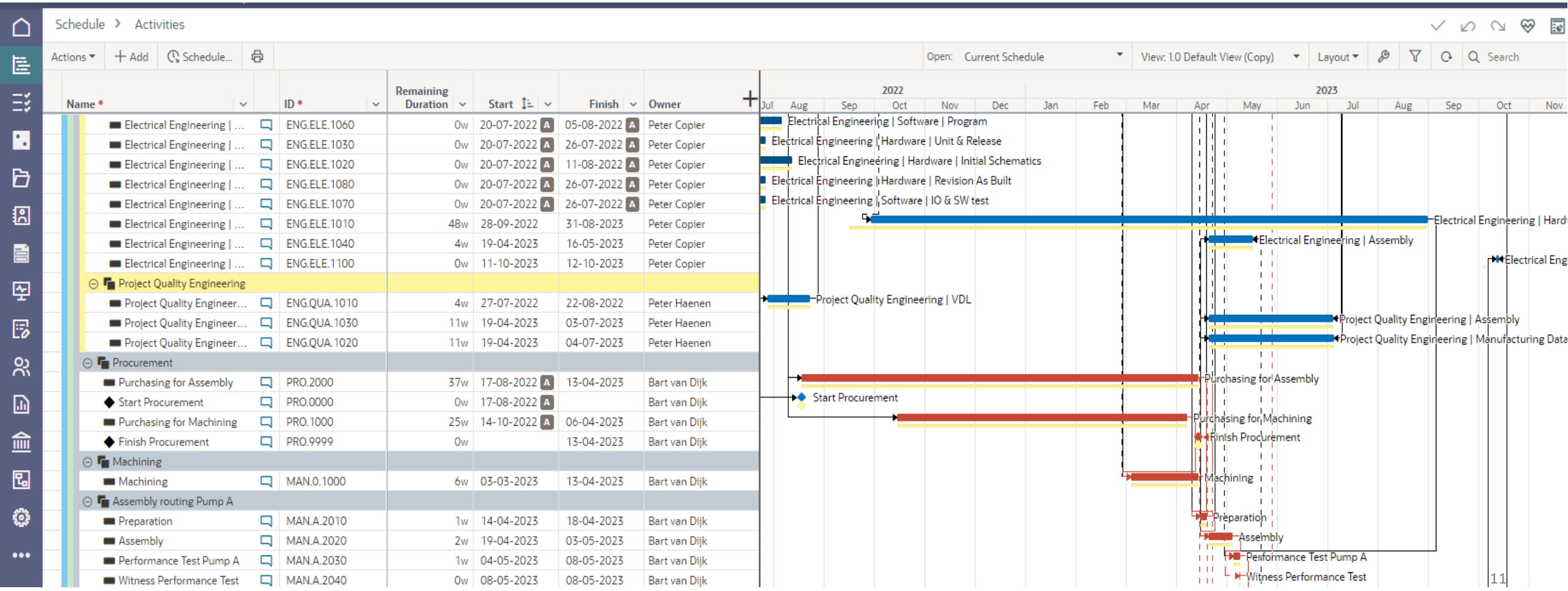
Table of contents

- Weir Minerals Netherlands
- Primaned Project Approach
- Implementation highlights**
- Results



Scheduling

- ❑ Use of resource-loaded project templates.
- ❑ Integral planning, each department is contributing.
- ❑ Views to replace reports or provide specific insights for each department.
- ❑ Increasing level of detail as maturity increased.



Tasks

- Lean Scheduling is a bottom-up approach to scheduling.
- @Weir Minerals Netherlands used for easy tracking of document submittals.
- Customized client report available in a few seconds.

Tasks > Task List

Actions + Add [Icons] View: VDL Submittals [Grid/List/Map/Filter/Search]

Task Name *	Document Revision	VDL Task	Submittal Task	Co...	Submittal Status	Feedback Status	Responsible	Assigned User	Due Date	Planned submission	Completed Date	Comments
VDL.0010 - Vendor document list												
VDL - Submittal	0	✓	✓	✓	Issued for Informa...		Document Control	Document Control Mail...	06-09-2022	06-09-2022	06-09-2022	
VDL - Return	0	✓	✓	✓			Document Control	Document Control Mail...	07-09-2022			
VDL.0020 - Production planning schedule												
PPS - Return	0	✓	✓	✓			Document Control	Document Control Mail...	31-08-2022			
PPS - Submittal	0	✓	✓	✓	Issued for Informa...		Document Control	Document Control Mail...	12-09-2022		12-09-2022	
VDL.0030 - Inspection and test plan												
ITP - Submittal	0	✓	✓	✓	Issued for Approval		Document Control	Document Control Mail...	16-08-2022		16-08-2022	
ITP - Return	0	✓	✓	✓			Document Control	Document Control Mail...	31-08-2022			
VDL.0040 - Dimensional outline drawing												
814.00 - Submittal	0	✓	✓	✓	Issued for Review		Document Control	Document Control Mail...	13-09-2022	08-09-2022	08-09-2022	
814.00 - Return	0	✓	✓	✓		Approved with Co...	Document Control	Document Control Mail...	28-09-2022		20-09-2022	
814.00 - Submittal	1	✓	✓	✓	Issued for Review		Document Control	Document Control Mail...	03-10-2022	28-09-2022	28-09-2022	
814.00 - Return	1	✓	✓	✓			Document Control	Document Control Mail...	18-10-2022			
VDL.0041 - Dimensional outline drawing dwg-fgfile												
814.00.DWG - Submittal	1	✓	✓	✓	Issued for Review		Document Control	Document Control Mail...	29-09-2022	28-09-2022	28-09-2022	
814.00.DWG - Return		✓	✓	✓			Document Control	Document Control Mail...	14-10-2022			
VDL.0050 - Foundation drawing												
814.01 - Submittal	0	✓	✓	✓	Issued for Review		Document Control	Document Control Mail...	13-09-2022	08-09-2022	08-09-2022	
814.01 - Return	0	✓	✓	✓			Document Control	Document Control Mail...	28-09-2022			
VDL.0051 - Foundation drawing dwg-file												
814.01.DWG - Submittal	0	✓	✓	✓	Issued for Review		Document Control	Document Control Mail...	29-09-2022	28-09-2022	28-09-2022	
814.01.DWG - Return		✓	✓	✓			Document Control	Document Control Mail...	14-10-2022			
VDL.0070 - Foundation Load Data												
FLD - Submittal	0	✓	✓	✓	Issued for Review		Document Control	Document Control Mail...	13-09-2022	08-09-2022	08-09-2022	
FLD - Return	0	✓	✓	✓			Document Control	Document Control Mail...	28-09-2022			
VDL.0080 - Storage requirements												
STO - Submittal	7	✓	✓	✓	Issued for Review		Document Control	Document Control Mail...	13-09-2022	08-09-2022	08-09-2022	
STO - Return	0	✓	✓	✓			Document Control	Document Control Mail...	28-09-2022			
VDL.0090 - Pump data sheet												
PDS - Submittal	0	✓	✓	✓	Issued for Review		Document Control	Document Control Mail...	08-09-2022	08-09-2022	08-09-2022	
PDS - Return	0	✓	✓	✓			Document Control	Document Control Mail...	12-09-2022			

Custom logs

- ❑ Designed as a file log for meeting minutes, etc...
- ❑ ...but also a very effective Excel-killer!
- ❑ All project related logs/files in one location.

Custom Logs > Log List > Variation Register

Actions + Add... View: Default (Copy) Search

Name *	ID *	Show on PM report?	Request date	Priority	Opportunity description	Variation justification	Status	Sales price impact	Cost price impact	Margin (%)	Schedule impact	Cost responsibility owner	Contact Name	Last Contact	Next contact	Next action
PO, Rev.01 - 1.c.	CL0001	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€2,820.00	€1,975.08		No	Client				
PO, Rev.01 - 1.d.	CL0002	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€1,140.00	€797.88		No	Client				
PO, Rev.01 - 1.e.	CL0003	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€1,323.00	€925.41		No	Client				
PO, Rev.01 - 2.b. for pumps	CL0004	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€932.00	€327.00		No	Client				
PO, Rev.01 - 2.b. for coolers	CL0005	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€2,058.00	€719.40		No	Client				
PO, Rev.01 - 2.c. for pumps	CL0006	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€324.00	€52.32		No	Client				
PO, Rev.01 - 2.c. for coolers	CL0007	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€486.00	€170.04		No	Client				
PO, Rev.01 - 3.	CL0008	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€1,530.00	€654.00		No	Client				
PO, Rev.02 - 4.	CL0009	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€4,557.00	€4,104.94		No	Client				
PO, Rev.02 - 5.	CL0010	<input checked="" type="checkbox"/>	02-02-2022		Engineering		Variation order/ contract received	€1,500.00	€1,100.00		No	Client				
PO, Rev.02 - 6a.	CL0011	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€3,520.00	€2,765.02		Yes	Client				
PO, Rev.02 - 6b.	CL0012	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€1,020.00	€513.41		Yes	Client				
PO, Rev.02 - 8a.	CL0013	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€8,748.00	€5,910.21		Yes	Client				
PO, Rev.02 - 9.	CL0014	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	€46,834.00	€41,515.92		Yes	Client				
PO, Rev.02 - 11a.	CL0015	<input checked="" type="checkbox"/>	02-02-2022		Other		Variation order/ contract received	€6,845.00	€1,899.56		Yes	Client				
PO, Rev.02 - 11b.	CL0016	<input checked="" type="checkbox"/>	02-02-2022		Equipment		Variation order/ contract received	(€5,640.00)	(€5,640.00)		No	Weir Minerals				
Option 6.	CL0017	<input type="checkbox"/>	02-02-2022		Equipment		Cancelled	€1,608.00	€1,448.61		Yes	Client				
Option 7.	CL0018	<input type="checkbox"/>	04-05-2022		Equipment		Cancelled	€6,444.00	€4,790.55		No	Client				
Option 8.	CL0019	<input type="checkbox"/>	04-05-2022		Equipment		Cancelled	€2,308.00	€1,402.66		Yes	Client				
Option 9a.	CL0020	<input type="checkbox"/>	13-05-2022		Equipment		Cancelled	€75,750.00	€67,566.92		Yes	Client				
Option 10.	CL0021	<input type="checkbox"/>	24-05-2022		Equipment		Cancelled	€6,336.00	€4,360.00		No	Client				
Option 11.	CL0022	<input type="checkbox"/>	13-04-2022		Other		Cancelled	€6,085.00	€1,899.56		Yes	Client				
Option 12a.	CL0023	<input type="checkbox"/>	23-06-2022		Equipment		Cancelled	€17,877.00	€13,099.62		Yes	Weir Minerals				
Option 12b.	CL0024	<input type="checkbox"/>	23-06-2022		Equipment		Cancelled	€25,578.00	€19,260.30		Yes	Weir Minerals				
PO, Rev.03 - 6c.	CL0025	<input checked="" type="checkbox"/>	19-07-2022		Equipment		Quote Submitted (to customer)	€6,300.00	€2,991.07		Yes	Client				
PO, Rev.03 - 13.	CL0026	<input checked="" type="checkbox"/>	13-06-2022		Engineering		Quote Submitted (to customer)	€2,400.00	€1,760.00		Yes	Client				
PO, Rev.03 - 14.	CL0027	<input checked="" type="checkbox"/>	12-05-2022		Engineering		Quote Submitted (to customer)	€8,770.00	€7,480.00		Yes	Client				
PO, Rev.03 - 15.	CL0028	<input checked="" type="checkbox"/>	10-08-2022		Engineering		Quote Submitted (to customer)	€5,400.00	€3,300.00		Yes	Client				
Option 16a.	CL0029	<input checked="" type="checkbox"/>	04-05-2022		Equipment		Quote Submitted (to customer)	€54,092.00	€36,639.26		Yes	Client				
Option 16b.	CL0030	<input checked="" type="checkbox"/>	04-05-2022		Equipment		Quote Submitted (to customer)	€7,768.00	€4,737.14		Yes	Client				
Option 17.	CL0031	<input checked="" type="checkbox"/>	04-05-2022		Equipment		Quote Submitted (to customer)	€2,186.00	€1,347.24		Yes	Client				
Option 18.	CL0032	<input checked="" type="checkbox"/>	04-05-2022		Equipment		Quote Submitted (to customer)	€4,180.00	€2,943.00		Yes	Client				

Reports

- Easy to create and run (don't need to be a BI Guru) reports.
- Using data of any level (project, activity, task, risk, etc.) or a combination of levels.
- Several different output formats possible (HTML, PDF, Excel, etc.)

Two examples...



Workflows

- ❑ Workflows help to follow procedures and work agreements.
- ❑ System workflows and custom workflows.
- ❑ Easy to monitor.

Project Startup -

Please execute below actions to setup the project schedule for the project:

Name *
202021 - Shandong Yulong (4x ZPM800)

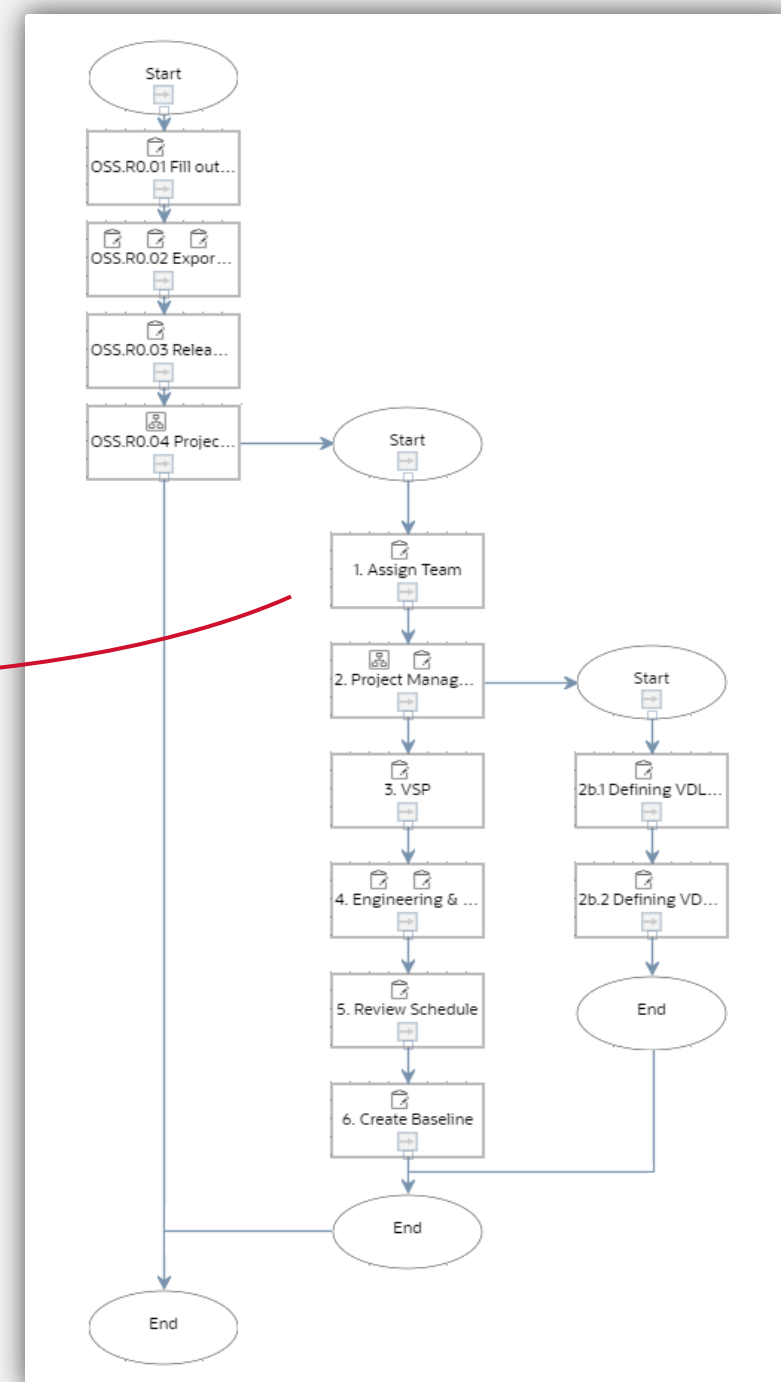
Actions:

- Set-up project specific VDL (Standard VDL in Project template) (WBS: 2 - Vendor Document List)
 - Update / check VDL according latest revision order specification
 - Check / fill out 'check' in VDL box if not done already
 - Fill out: Order number
 - Check / fill out: Weir document number (if necessary)
 - Non standard Document Code (only fill out in case you need to add a document)
 - Check / fill out: Department responsible
 - Check / fill out: Owner of the activity (Standard on PM)
 - Check / fill out: Primary Constraint (Finish on or before)
 - Primary Constrain Date (Automatically generated)
 - Delete documents which are not mentioned in the VDL
 - Add documents which are not in the standard VDL (Use Column Non standard Document Code)

Due date: 2 days after receiving the action

Please submit the workflow when the schedule is ready to move forward to the project engineer.

Need help?
You can find instructions on the 'VPC Weir Venlo - Knowledgebase' Teams folder under 'files -> Instructions'.
For further questions or assistance you can contact:
- Yvonne Hendrix (yvonne.hendrix@mail.weir)
- Jeroen van Deur (jeroen.vandeur@mail.weir)



Integrations

Credit Management

- ❑ Integration with the Oracle APEX financial system.
- ❑ All project relevant financial data update daily in the schedule.
- ❑ Relevant milestone planned dates update daily in the financial system.

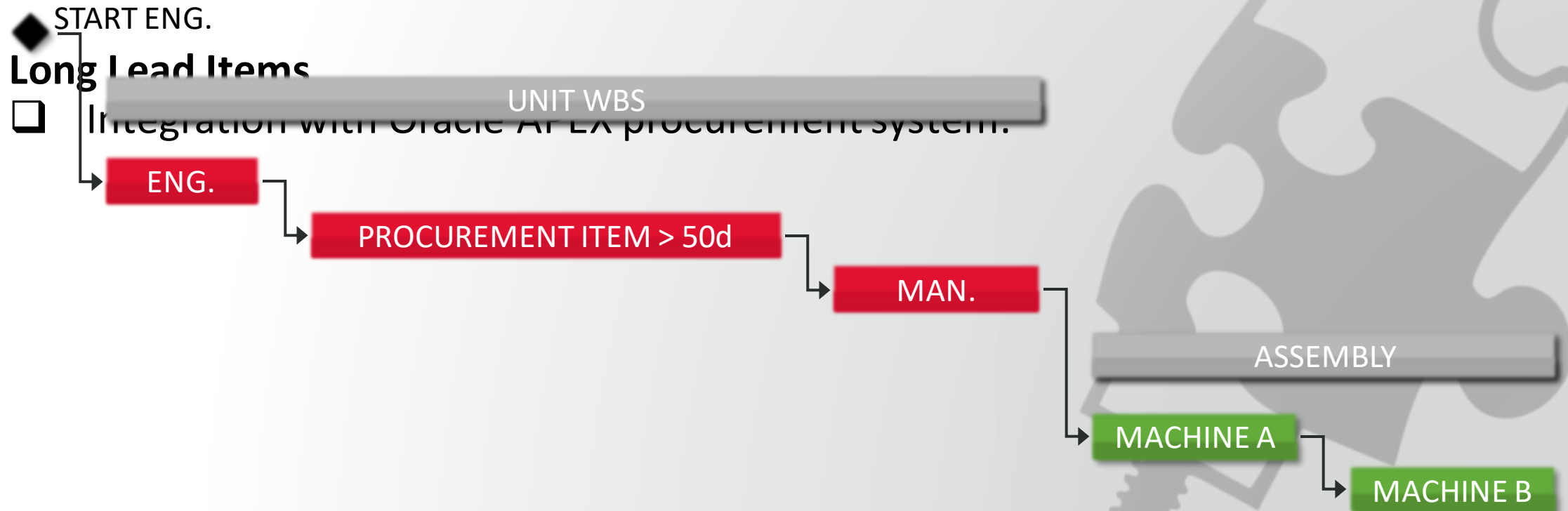


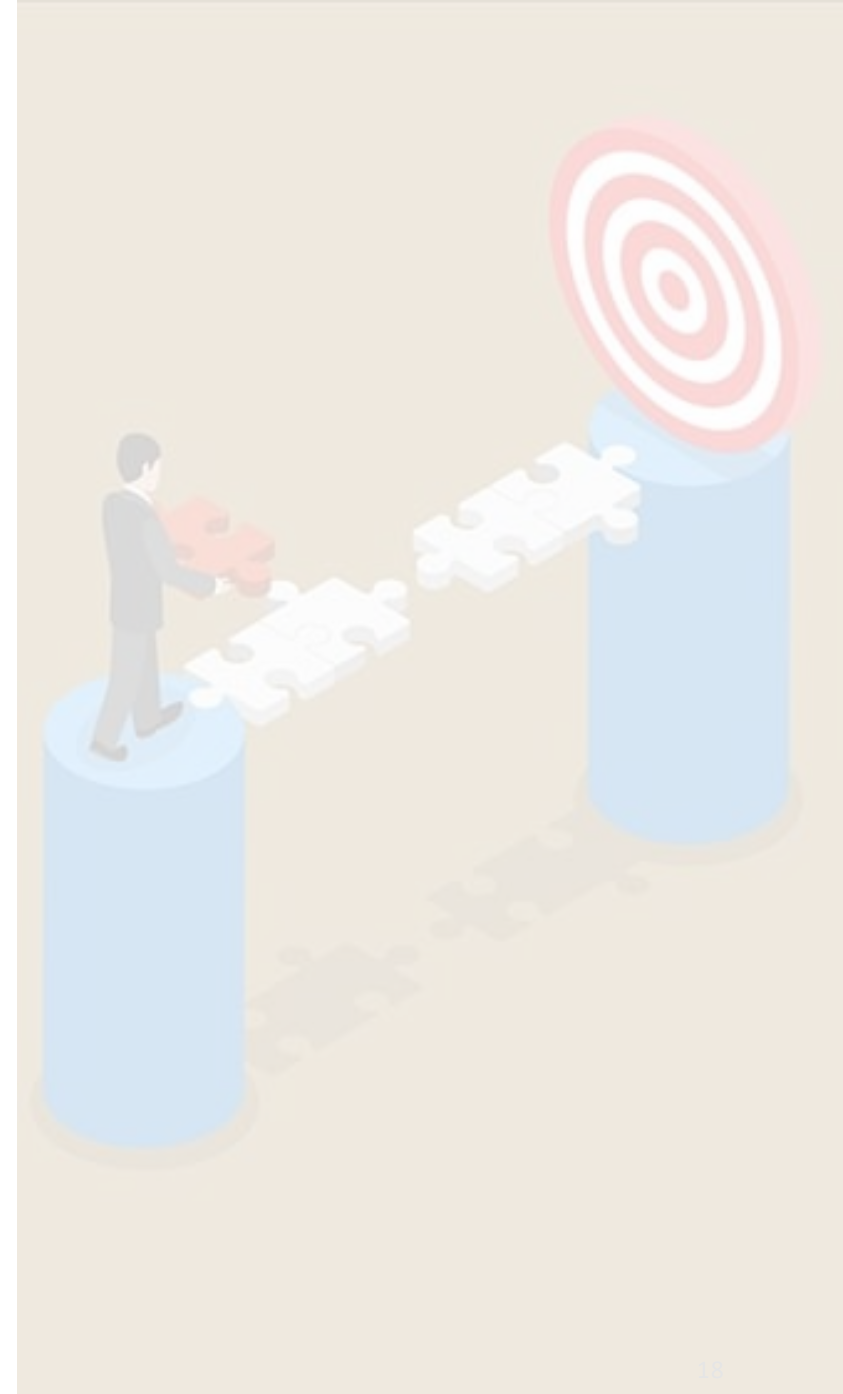
Table of contents

- Weir Minerals Netherlands
- Primaned Project Approach
- Implementation highlights
- **Results**



Results so far

- ❑ Overall increased maturity project controls.
- ❑ Considerable time savings.
 - Reports
 - Transparency
 - One-stop shop
- ❑ Significantly less (client) escalations.



Thank you
Questions?