



**Adrega PI**  
PROJECT INTELLIGENCE

**Primavera P6® reporting made easy**

Jon Swain

&

John Griffiths

# Agenda

- Introductions and Company Overviews
  - Adrega PI – The Basics
  - Adrega PI – Demonstration

- Specialists in enterprise Project Portfolio Management and Earned Value Management
  - ❑ Global customer list
  - ❑ Offices in USA & UK
  - ❑ Experienced staff – average 25+ years
  - ❑ Experts in Oracle Primavera P6 & Deltek tool suites
  - ❑ Unique consulting & training services

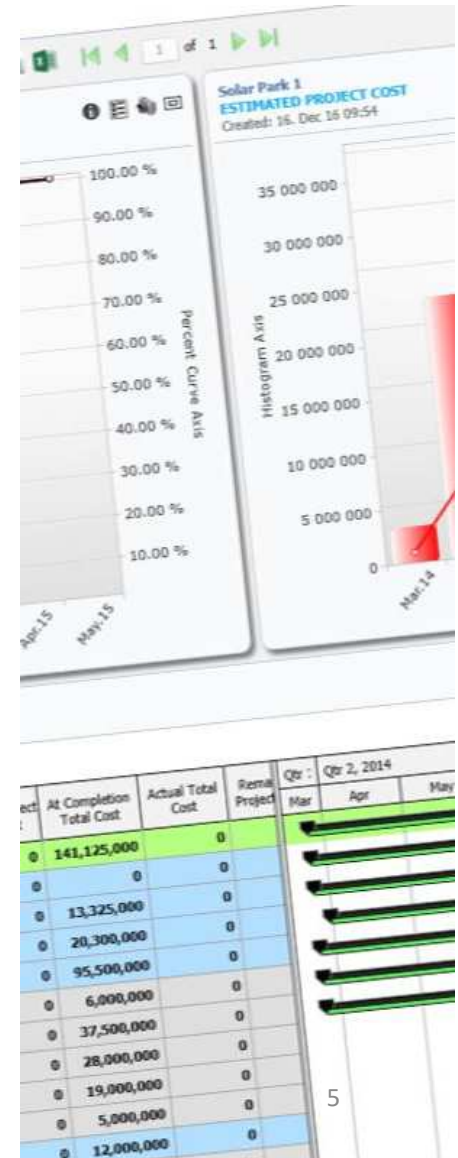
# Why Adrega PI?

- Save time related to monthly reporting, mid-month, weekly reporting as well as ad-hoc reporting
  - ❑ Create Gantt charts
  - ❑ Reporting dashboards
  - ❑ Bundled Excel based S-Curve, time phased and histogram reports all at the click of a mouse
- Produce status reports that are not available using BI Publisher or standard P6 reports
- Distribute reports to "Consumers" of data
  - ❑ Create PDF reports and report bundles
  - ❑ Dynamic dashboards

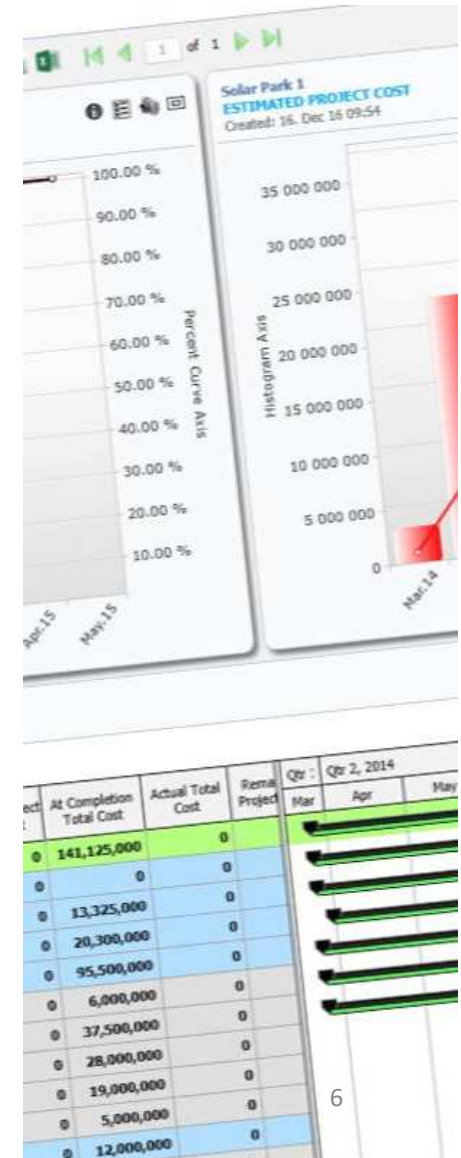


# Adrega PI Demonstration

John Griffiths  
Adrega Product Manager



- Company info
  - ❑ Jan Grimnes: General Manager
  - ❑ Adrega is based in Oslo, Norway
  - ❑ We have been developing and selling Adrega PI for over 13 years
- Today's presentation
  - ❑ Part 1 PowerPoint presentation
  - ❑ Part 2 Live demo of core functionality
  - ❑ Part 3 Options to transfer P6 projects to Adrega



# Primavera P6 reporting - challenges

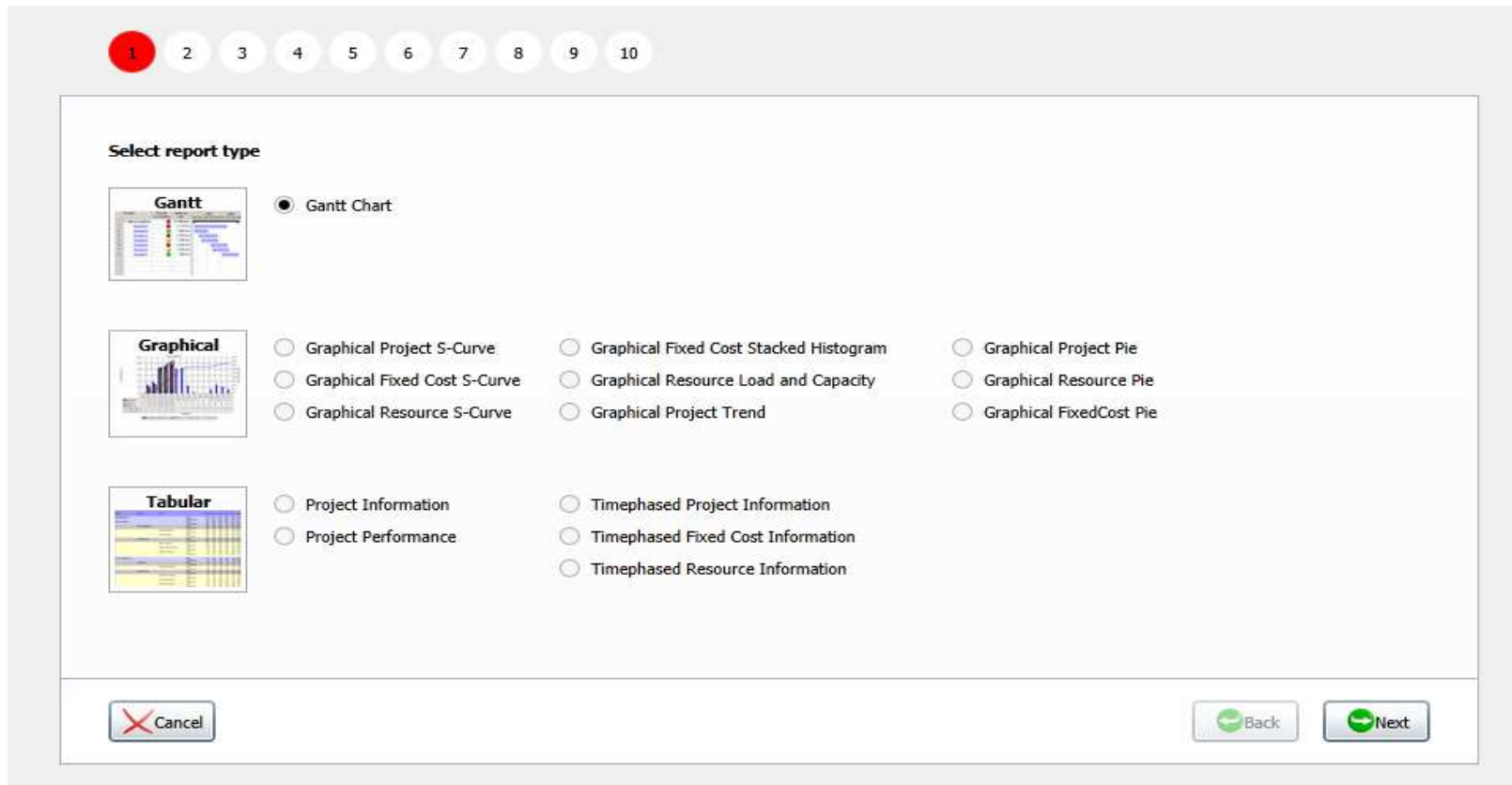
- Report creation and sharing challenges
  - ❑ Requires use of Excel or other 3rd party tools like Primavera Analytics
  - ❑ Organizing data for reporting cycles is time consuming and can be error prone
  - ❑ Unlikely to be a centralised solution
  - ❑ No easy way to share data with internal and especially external users
  - ❑ Users often own the reporting solution – when the user leaves the solution leaves with them

# Primavera P6 reporting - challenges

- Examples of reporting limitations
  - Limited S-Curve support (no support for S-Curve with underlying data table)
  - No support for detailed Resource S-Curves (Engineering by Discipline)
  - No Milestone Trend or activity Trend report
  - No support for Earned value reporting at Cost Account or Resource Code level
  - No support for Last Sunday of the Month/biweekly periods
  - No support for non-standard reporting, for example monthly cut off is the 23<sup>rd</sup> of each month, or weekly cut off is every Friday
  - No possibility to visually compare data in multiple project using Gantt, Graphical & Tabular reports
  - Gantt reporting requires the use of a separate program Vizulizer



- Adrega PI - key reporting features:
  - ▣ 15 standard report types



The screenshot shows a software interface for selecting report types. At the top, there is a navigation bar with 10 numbered tabs, where tab 1 is highlighted in red. Below the navigation bar, the main area is titled "Select report type" and is divided into three sections: "Gantt", "Graphical", and "Tabular".

**Gantt**

- Gantt Chart

**Graphical**

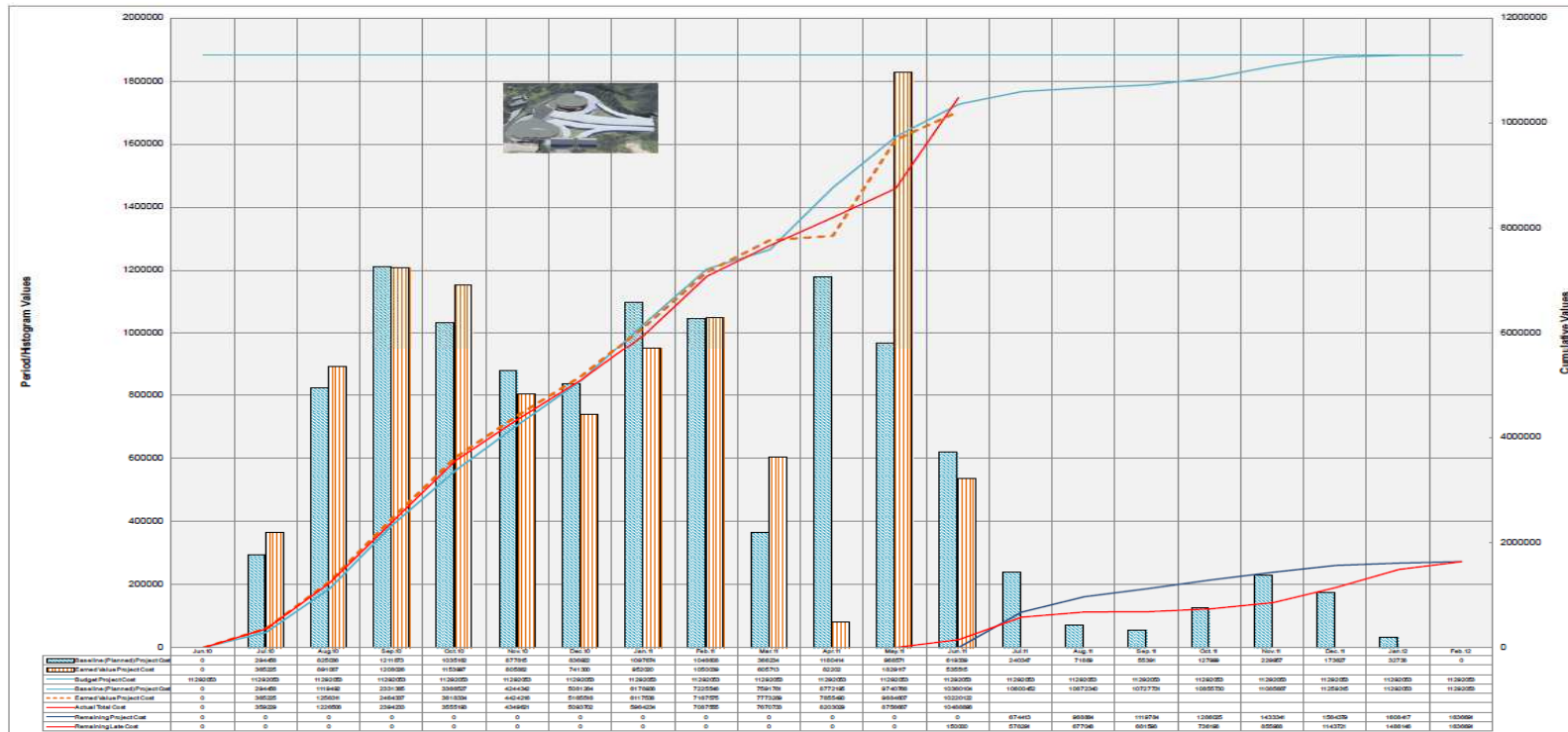
- Graphical Project S-Curve
- Graphical Fixed Cost S-Curve
- Graphical Resource S-Curve
- Graphical Fixed Cost Stacked Histogram
- Graphical Resource Load and Capacity
- Graphical Project Trend
- Graphical Project Pie
- Graphical Resource Pie
- Graphical FixedCost Pie

**Tabular**

- Project Information
- Project Performance
- Timephased Project Information
- Timephased Fixed Cost Information
- Timephased Resource Information

At the bottom of the interface, there are three buttons: "Cancel" (with a red X icon), "Back" (with a green left arrow icon), and "Next" (with a green right arrow icon).

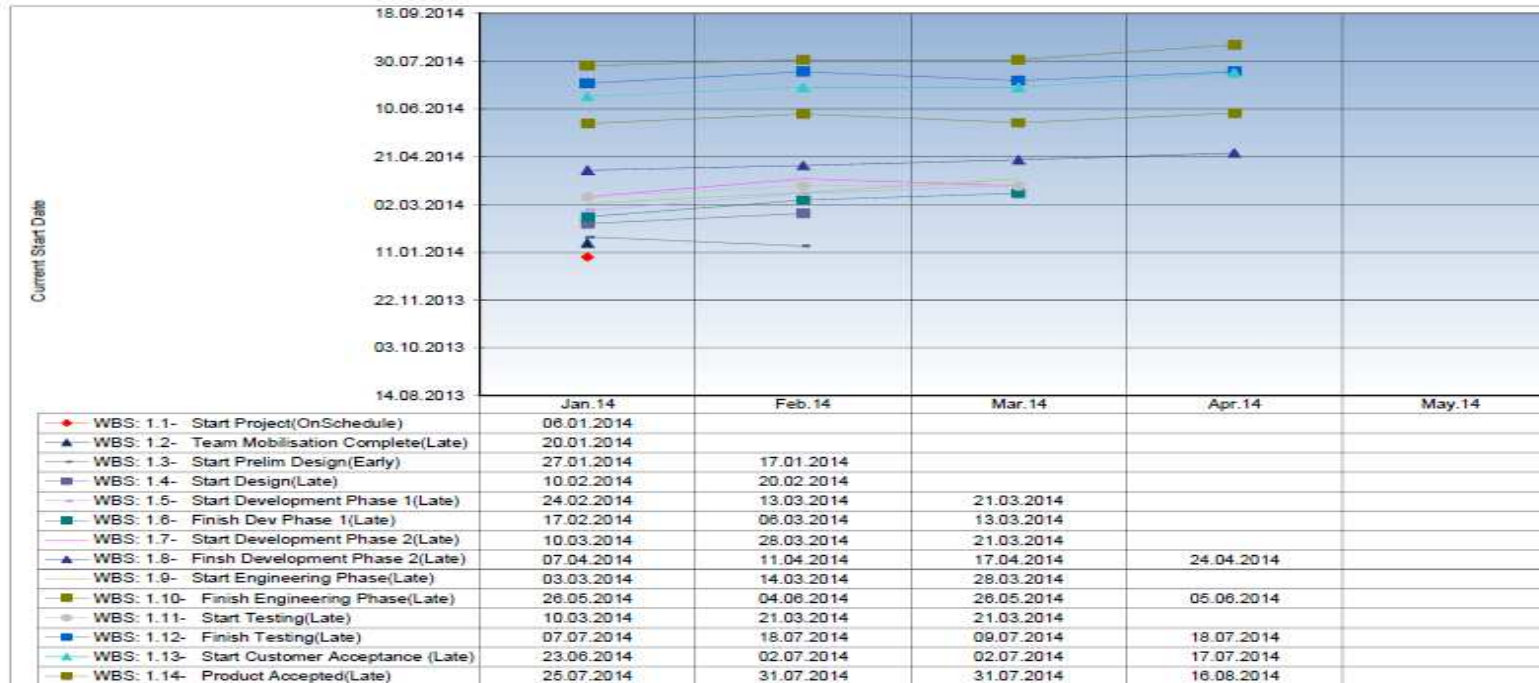
## Monthly S-Curve with table included under the chart



Period Type : Last Sunday of month  
Date From : 1/6/2014  
Date To : 5/1/2014

Project Code : Trend 001  
Project Name : Milestones for Testing of Dashboard Trend Report

Sponsor : Adrega  
Company : Test  
Manager : John Griffiths



## Monthly Performance Report



Cost Perf. Period and Cumulative Monthly Level 3



MFG00925 Melrose - Plant Expansion Modernization Status...

MFG00925

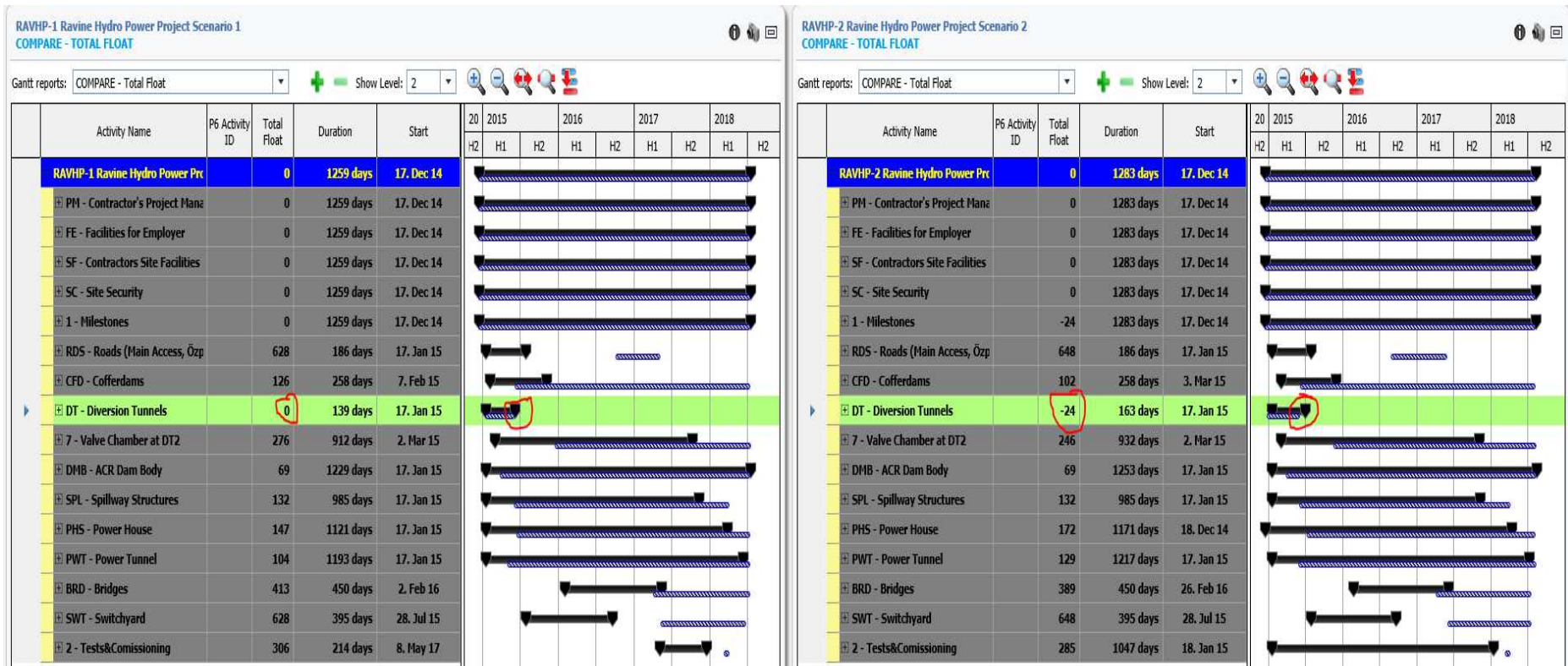
Main Category		Baseline			Period					Cumulative				
Activity Name	P6 Activity ID	CPI (Cost)	Intial Baseline Project Total Cost	Current Baseline Project Total Cost	Schedule Complete Project Cost	Performance Complete Cost	Planned Value Project Cost	Earned Value Project Cost	Actual Total Cost	Schedule Complete Project Cost	Performance Complete Cost	Planned Value Project Cost	Earned Value Project Cost	Actual Total Cost
MFG00925 Melrose - Plant Expansion & Auto - Automated System			9638270	11292053	5.48 %	4.74 %	619339	535515	679209	91.75 %	90.51 %	10360104	10220122	10488896
Auto.DesEng - Design Engineering			1997216	2128516	5.49 %	2.88 %	116880	61320	21000	97.72 %	95.11 %	2079954	2024394	2052804
Auto.SysEng - System Engineering			552796	552796	0.00 %	0.00 %	0	0	0	100.00 %	100.00 %	552796	552796	580089
Auto.SoftEng - Software Engineering			1358898	1365398	0.00 %	0.00 %	0	0	0	100.00 %	100.00 %	1365398	1365398	1366515
Auto.SoftEng - Software Engineering			41400	166200	70.32 %	36.90 %	116880	61320	21000	97.33 %	63.90 %	161760	106200	106200
Auto.Train - Training			44123	44123	0.00 %	0.00 %	0	0	0	0.00 %	0.00 %	0	0	0
Bldg - Office Building Addition			6684069	7998918	5.91 %	5.70 %	472679	455921	639935	98.08 %	97.31 %	7845023	7783613	8020848
Bldg.DesEng - Design and Engineering			60147	60147	0.00 %	0.00 %	0	0	0	100.00 %	100.00 %	60147	60147	60086
Bldg.Found - Foundation			1286937	1451386	0.00 %	0.00 %	0	0	0	100.00 %	100.00 %	1451386	1451386	1421495
Bldg.Struct - Structure			1374627	1374627	0.00 %	0.00 %	0	0	0	100.00 %	100.00 %	1374627	1374627	1323214
Bldg.MechSys - Mechanical/Electrical			1020857	1042958	0.00 %	0.00 %	0	0	0	99.92 %	99.92 %	1042103	1042103	1061711
Bldg.ExtFinish - Exterior Finishes			1374333	1395134	0.00 %	0.00 %	0	0	0	100.00 %	100.00 %	1395134	1395134	1415901
Bldg.IntFinish - Interior Finishes			1567167	2674667	17.67 %	17.05 %	472679	455921	639935	94.28 %	91.98 %	2521627	2460217	2738442
Conv - Conveyor System			956984	1164618	2.56 %	1.57 %	29780	18274	18274	37.36 %	35.39 %	435127	412116	415245
Conv.SysDesEng - System Design and			159055	159055	0.00 %	0.00 %	0	0	0	100.00 %	100.00 %	159055	159055	162450
Conv.FieldOps - Field Operations			676103	883737	0.00 %	0.00 %	0	0	0	21.74 %	21.74 %	192148	192148	191882
Conv.Train - Training			121826	121826	24.44 %	15.00 %	29780	18274	18274	68.89 %	50.00 %	83925	60913	60913

Status Date : 30. Jun 11

Period Type : Monthly

Page number : 1

## Gantt Comparison Report Negative Float Check 2 Scenario 1 and 2



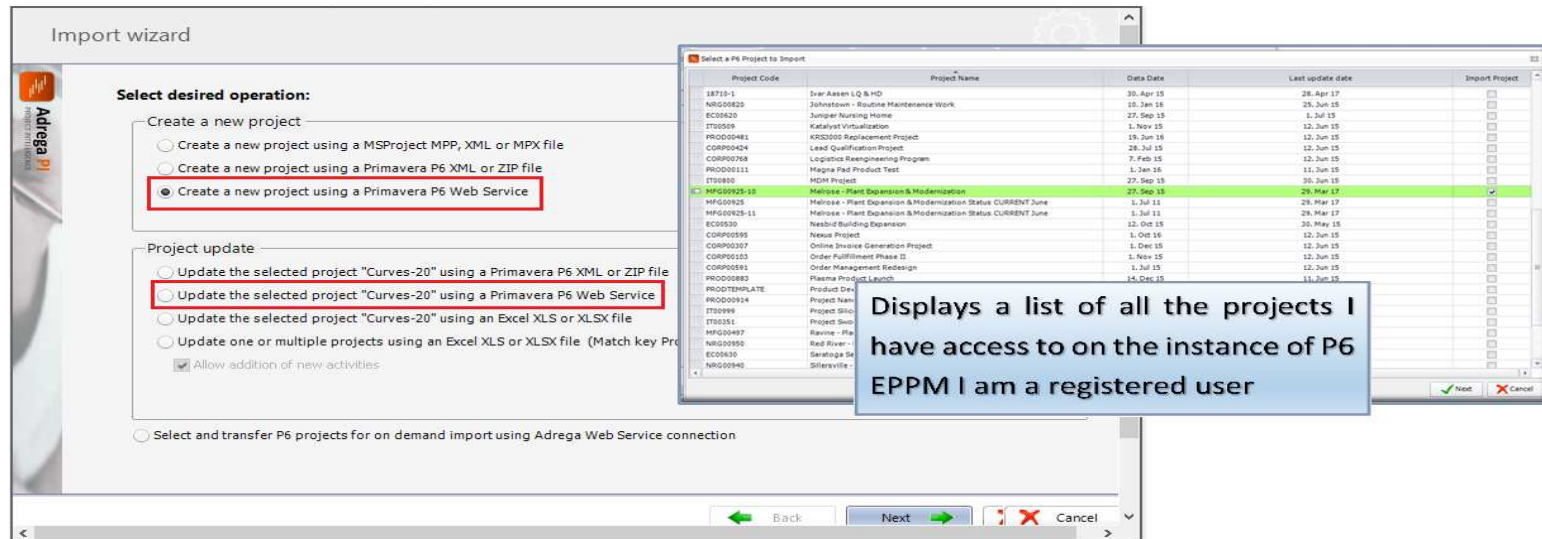
- **Adrega PI - key reporting features:**
  - ❑ Supports reporting on Portfolios and Programs
  - ❑ Dynamic Dashboard
  - ❑ Batch reporting using “Report Bundles”
  - ❑ Wizard-based report template builder with intuitive UI
  - ❑ Support import of Project, Activity, and UDF’s as well as Resource Codes, Cost Accounts
  - ❑ Supports P6 Resource Curves and Future Bucket Periods
  - ❑ Reporting of Notebook Topics in Project Information reports
  - ❑ Adrega adds additional fields not available in P6, for example Late Baseline, Mean between Early and Late schedules
  - ❑ Extensive support for grouping and filtering in all report types
  - ❑ Excel used for Graphical and Tabular report output
  - ❑ Print to PDF and Excel direct from a users Personal Dashboard

## Accessing P6 Project Data

- ❑ Projects need to be exported using the P6 XML export option
- ❑ XML was selected as it is a richer format than XER. No support for XER using the Gateway
- ❑ If you are using r15.1 or above project baseline files can be selected during export. XER format doesn't support export of Baselines in the same file
- ❑ We have 2 Primavera project import options
  - ❑ Create a new project
  - ❑ Update an existing project to the next data
- ❑ If Period Performance has been saved in P6 we mirror this in Adrega and create corresponding periods in Adrega

## Oracle Gateway and Web Services

- ▣ Projects can be Transferred from EPPM using the Oracle Gateway
  - We can get projects and their associated baselines directly from the EPPM server and the link we have created will transfer the project Automatically



**Import wizard**

**Select desired operation:**

- Create a new project using a MSProject MPP, XML or MPX file
- Create a new project using a Primavera P6 XML or ZIP file
- Create a new project using a Primavera P6 Web Service

**Project update**

- Update the selected project "Curves-20" using a Primavera P6 XML or ZIP file
- Update the selected project "Curves-20" using a Primavera P6 Web Service
- Update the selected project "Curves-20" using an Excel XLS or XLSX file
- Update one or multiple projects using an Excel XLS or XLSX file (Match key Proj
- Allow addition of new activities

Select and transfer P6 projects for on demand import using Adrega Web Service connection

**Select a P6 Project to Import**

Project Code	Project Name	Data Date	Last update date	Import Project
18719-1	Srar Assn LQ & PD	30. Apr 15	28. Apr 17	<input type="checkbox"/>
N600820	Johnstown - Routine Maintenance Work	10. Jan 16	25. Jun 15	<input type="checkbox"/>
EC05620	Juniper Nursing Home	27. Sep 15	1. Jul 15	<input type="checkbox"/>
IT00059	Katalyst Virtualization	1. Nov 15	12. Jun 15	<input type="checkbox"/>
PR000481	MSD000 Deployment Project	19. Jun 16	12. Jun 15	<input type="checkbox"/>
CORP00424	Lead Qualification Project	28. Jul 15	12. Jun 15	<input type="checkbox"/>
CORP00768	Logistics Reengineering Program	7. Feb 15	12. Jun 15	<input type="checkbox"/>
PR0006111	Magna Pad Product Test	1. Jan 16	11. Jun 15	<input type="checkbox"/>
IT00050	MSM Project	27. Sep 15	30. Jun 15	<input type="checkbox"/>
MPG00925-10	Melrose - Plant Expansion & Modernization	27. Sep 13	29. Mar 17	<input checked="" type="checkbox"/>
MPG00925	Melrose - Plant Expansion & Modernization Status CURRENT June	1. Jul 11	29. Mar 17	<input type="checkbox"/>
MPG00925-11	Melrose - Plant Expansion & Modernization Status CURRENT June	1. Jul 11	29. Mar 17	<input type="checkbox"/>
EC05530	Nesbid Building Expansion	12. Oct 15	30. May 15	<input type="checkbox"/>
CORP00595	Neuse Project	1. Oct 16	12. Jun 15	<input type="checkbox"/>
CORP00307	Online Invoice Generation Project	1. Dec 15	12. Jun 15	<input type="checkbox"/>
CORP00103	Order Fulfillment Phase II	1. Nov 15	12. Jun 15	<input type="checkbox"/>
CORP00581	Order Management Redesign	1. Jul 15	12. Jun 15	<input type="checkbox"/>
PROD00583	Plasma Project Launch	14. Dec 15	11. Jun 15	<input type="checkbox"/>
PRODTMPLATE	Product Dev			
PR000914	Project Nam			
IT00099	Project Sisu			
IT00351	Project Sisu			
MPG00497	Ravine - Pla			
N6000960	Red River -			
EC05630	Senatiga Se			
N6000948	Silversville -			

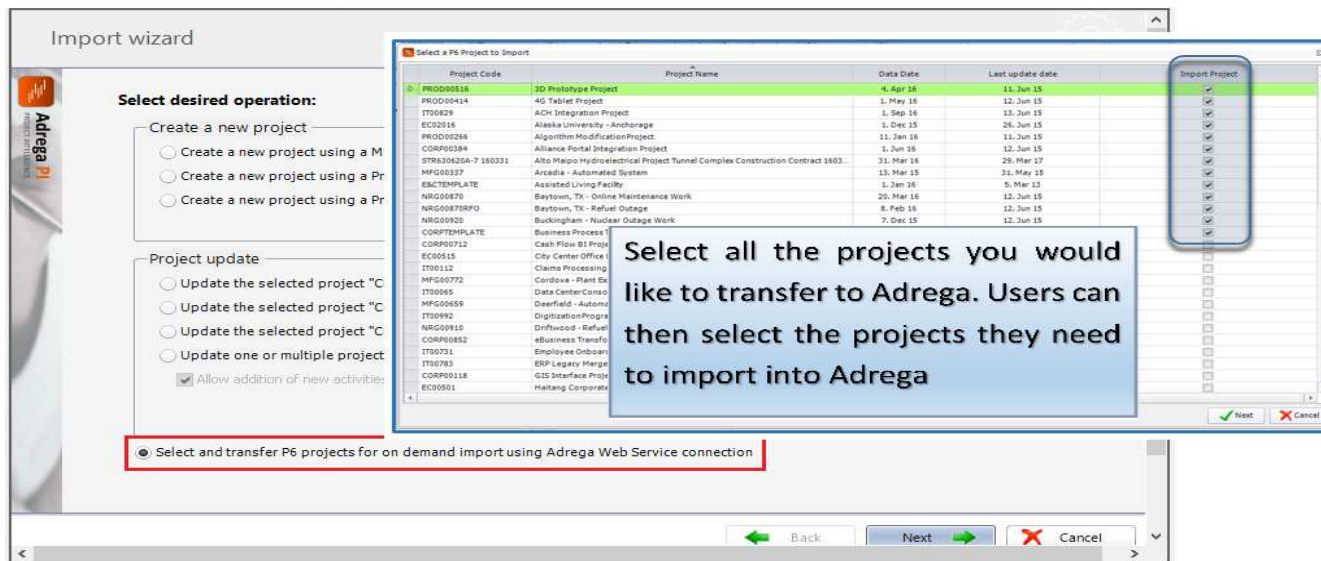
Displays a list of all the projects I have access to on the instance of P6 EPPM I am a registered user

- You can use the Web Service option to create a new project
- Or Update an exiting project
- Select the project and click next to transfer the project to Adrega and start the Import Wizard



## Oracle Gateway and Web Services

- Multiple projects and their associated Baselines can also be Transferred from EPPM using the Oracle Gateway



**Select and transfer P6 projects for on demand import using Adrega Web Service connection**

Project Code	Project Name	Data Date	Last update date
PRO000518	3D Prototype Project	4. Apr 16	11. Jun 15
PROD00414	4G Tablet Project	1. May 16	12. Jun 15
IT00829	ACH Integration Project	1. Sep 16	13. Jun 15
EC02016	Alaska University - Anchorage	1. Dec 15	26. Jun 15
PRO000264	Algorithm Modification Project	11. Jan 16	11. Jun 15
CORP00384	Alliance Portal Integration Project	1. Jun 16	12. Jun 15
STR30626A-7 160331	Alto Meipo Hydroelectrical Project Tunnel Complex Construction Contract 1603...	31. Mar 16	29. Mar 17
MFG000337	Arcadia - Automated System	13. Mar 15	31. May 15
ESCTEMPLATE	Assisted Living Facility	1. Jun 16	5. Mar 13
NRG00670	Baytown, TX - Online Maintenance Work	26. Mar 16	12. Jun 15
NRG00870RFO	Baytown, TX - Refuel Outage	8. Feb 16	12. Jun 15
NRG00920	Buckingham - Nuclear Outage Work	7. Dec 15	12. Jun 15
COMPTEMPLATE	Business Process		
CORP00712	Cash Flow BI Proj		
EC00515	City Center Office		
IT00112	Claims Processing		
MFG00772	Cardova - Plant De		
IT00665	Data Center/Conso		
MFG00659	Deerfield - Autom		
IT00992	Digitization Progra		
NRG00910	Driftwood - Refuel		
CORP00452	eBusiness Transfo		
IT00731	Employee Onboard		
IT00783	ERP Legacy Marge		
CORP00118	GIS Interface Proj		
EC00601	Haifang Corporat		

Select all the projects you would like to transfer to Adrega. Users can then select the projects they need to import into Adrega

- Projects transferred using the Gateway are included in a single file
- Multiple Users can then access the file and select the projects that they want to import into Adrega

## Oracle Gateway and Web Services

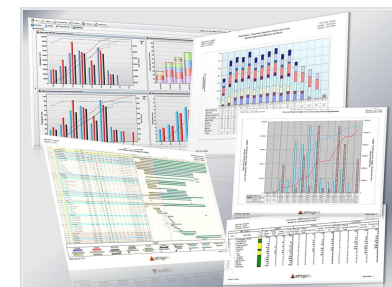
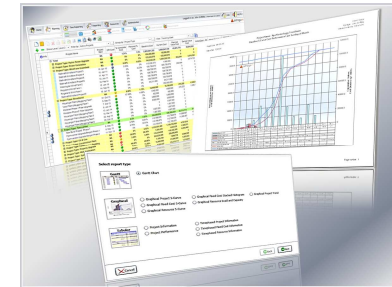
- We are currently working on prototyping an automatic transfer of multiple projects from an instance of EPPM, that will then update existing projects in Adrega automatically, for example to the next Data Date
- If you are using EPPM and have purchased Oracle Gateway, our Project transfer link using Web Services has the potential to reduce the time required to transfer projects and as well as support a more tightly integrated solution

- **Role based access**

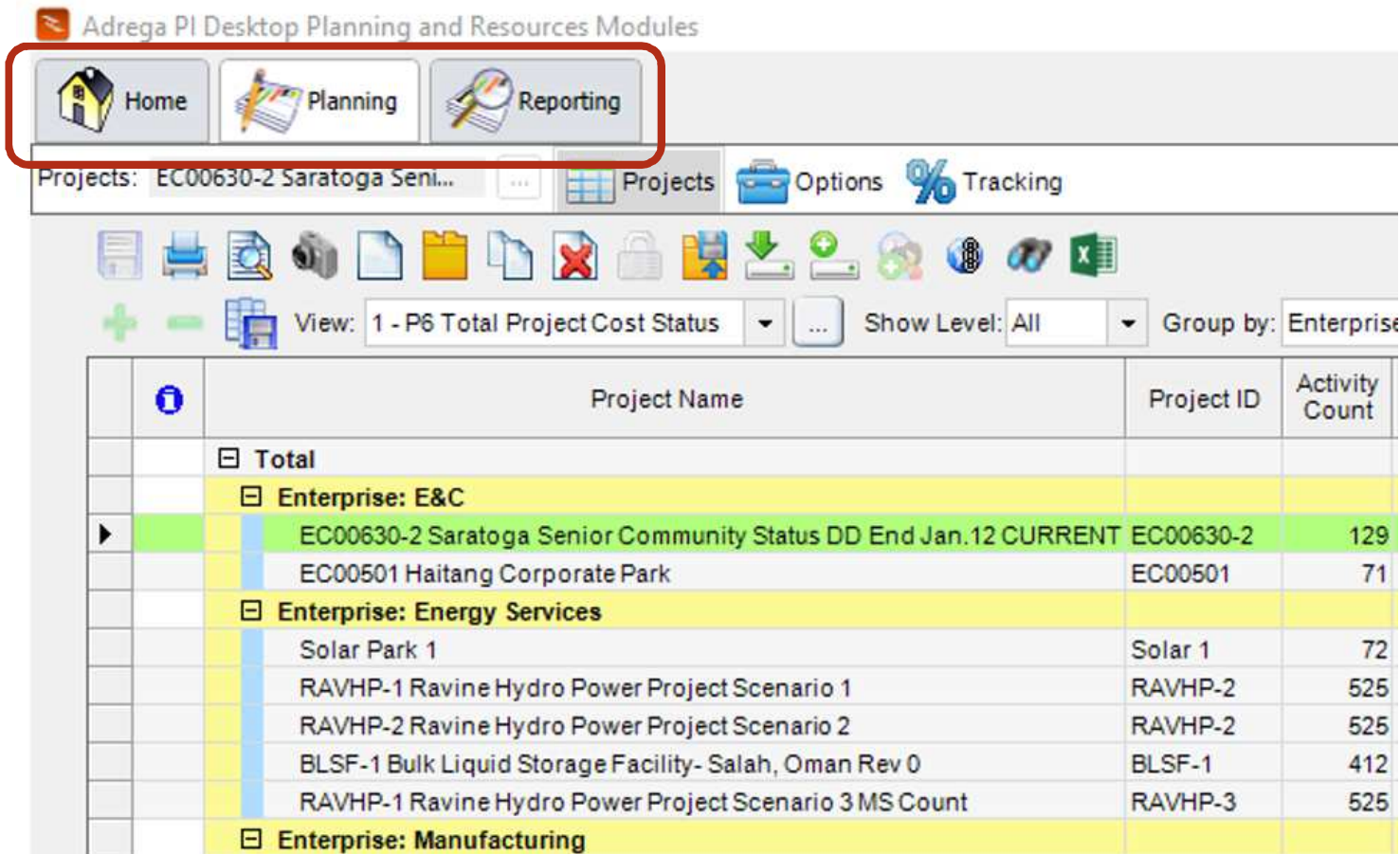
- ❑ Access controlled by role
- ❑ Simple role structure with 3 primary roles
- ❑ Role configuration for access to projects and reports requires no special access privileges
- ❑ Access to modules fully configurable, access what you need

- **Delivery model**

- ❑ Cloud
  - Norway – Managed cloud provider
  - International – Microsoft Azure cloud platform
- ❑ Self Hosted



- Role 1 - Dashboard, Reporting and Planning



Adrega PI Desktop Planning and Resources Modules

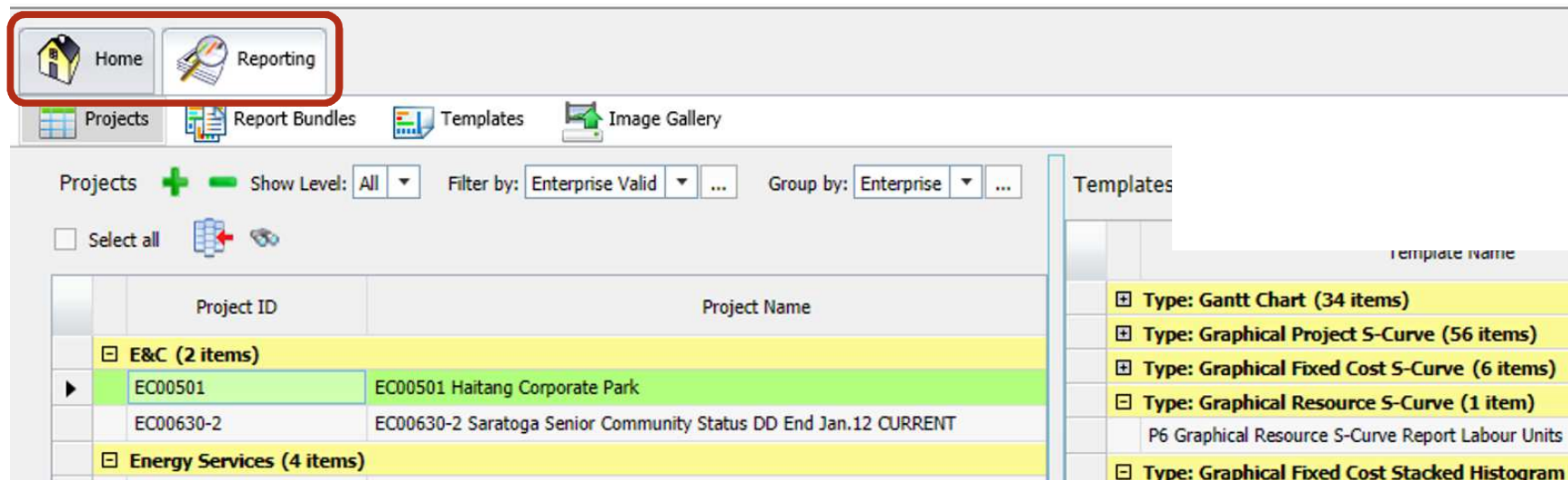
Home Planning Reporting

Projects: EC00630-2 Saratoga Seni... Projects Options Tracking

View: 1 - P6 Total Project Cost Status Show Level: All Group by: Enterprise

	Project Name	Project ID	Activity Count
[-]	<b>Total</b>		
[-]	<b>Enterprise: E&amp;C</b>		
[▶]	EC00630-2 Saratoga Senior Community Status DD End Jan.12 CURRENT	EC00630-2	129
	EC00501 Haitang Corporate Park	EC00501	71
[-]	<b>Enterprise: Energy Services</b>		
	Solar Park 1	Solar 1	72
	RAVHP-1 Ravine Hydro Power Project Scenario 1	RAVHP-2	525
	RAVHP-2 Ravine Hydro Power Project Scenario 2	RAVHP-2	525
	BLSF-1 Bulk Liquid Storage Facility- Salah, Oman Rev 0	BLSF-1	412
	RAVHP-1 Ravine Hydro Power Project Scenario 3 MS Count	RAVHP-3	525
[-]	<b>Enterprise: Manufacturing</b>		

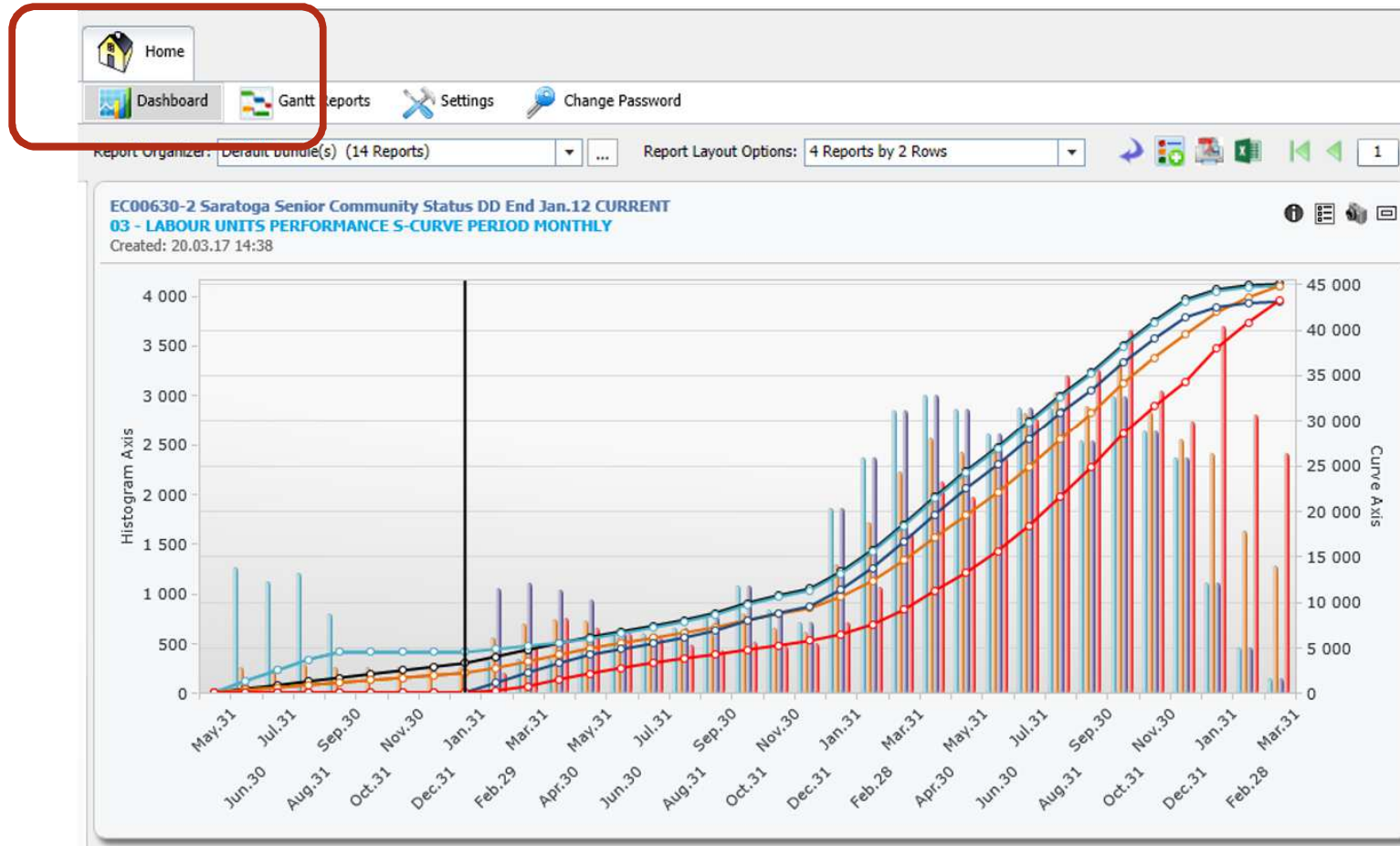
- Role 2 - Dashboard and Reporting Role



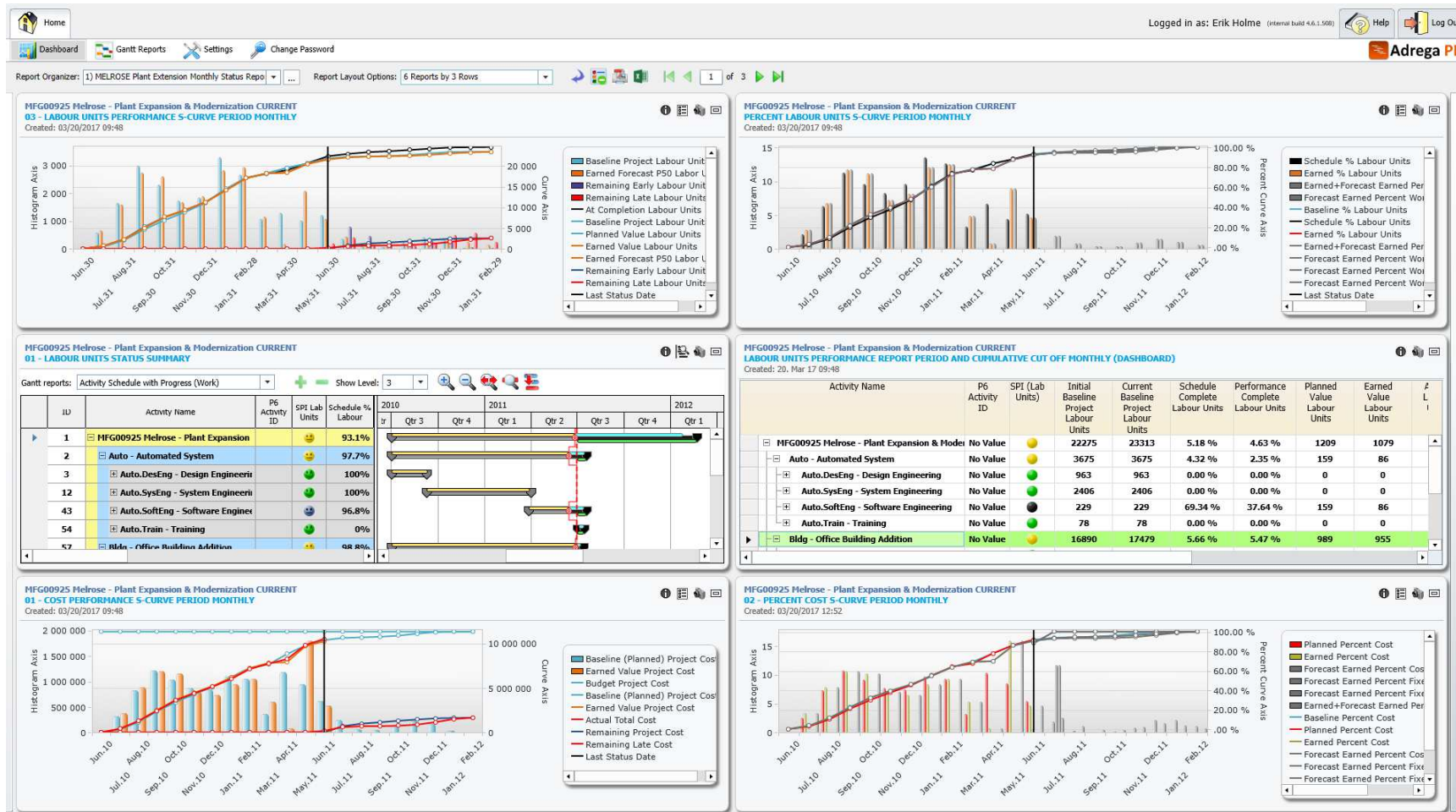
The screenshot shows the Adrega PI software interface. At the top, there is a navigation bar with 'Home' and 'Reporting' buttons. The 'Reporting' button is highlighted with a red box. Below this, there are tabs for 'Projects', 'Report Bundles', 'Templates', and 'Image Gallery'. The main content area is titled 'Projects' and includes a '+ Show Level: All' dropdown, a 'Filter by: Enterprise Valid' dropdown, and a 'Group by: Enterprise' dropdown. There is also a 'Select all' checkbox and some icons. Below this is a table with columns 'Project ID' and 'Project Name'. The table is filtered to show 'E&C (2 items)' and 'Energy Services (4 items)'. The 'E&C (2 items)' category is expanded, showing two projects: EC00501 (Haitang Corporate Park) and EC00630-2 (Saratoga Senior Community Status DD End Jan.12 CURRENT). To the right of the main table is a 'Templates' pane with a list of templates, including 'Type: Gantt Chart (34 items)', 'Type: Graphical Project S-Curve (56 items)', 'Type: Graphical Fixed Cost S-Curve (6 items)', 'Type: Graphical Resource S-Curve (1 item)', 'P6 Graphical Resource S-Curve Report Labour Units', and 'Type: Graphical Fixed Cost Stacked Histogram'.

Project ID	Project Name
<b>E&amp;C (2 items)</b>	
EC00501	EC00501 Haitang Corporate Park
EC00630-2	EC00630-2 Saratoga Senior Community Status DD End Jan.12 CURRENT
<b>Energy Services (4 items)</b>	

- Role 3 - Dashboard Role



- Personal Dashboard example





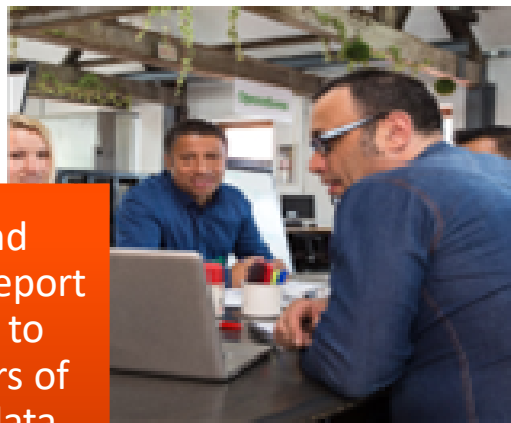
# Adrega PI Primavera P6 reporting – Key Benefits



Centralized reporting solution supports reporting standardization



Significantly speeds up the entire reporting process



Easy and effective report delivery to consumers of project data



Cost effective fully supportable solution that will continue to be enhanced and developed



- **New in Version 4.7**

- Resource curves and future bucket period distributions can now be imported to Adrega

**Distribution curves for At Completion Labour Units**

Curve Name:  Add/Edit manual curve:    
 Description:    
 Using % step values   
 Using period values

Activity start date: 12. Apr 17 Activity Duration: 265.0 days Activity finish date: 18. Apr 18

100  
80

Default  
Back loaded  
Bell shaped  
Front loaded  
Linear  
Offset triangular

**Activities**

Layout: EV Perf and % Units Check Filter: All Activities

Activity Name: Resource Curve Comparison (New WBS) Construction - Std Back Loaded

Display: Activity Resource Assignments Display: Open Projects Only

		2017													
		Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
At Completion Units			330	608	581	555	729	737	1043	1254	1128	1236	1074	1112	613
Cum At Completion Units			330	938	1519	2074	2802	3539	4583	5837	6965	8200	9275	10387	11000
Remaining Units			330	608	581	555	729	737	1043	1254	1128	1236	1074	1112	613
At Completion Units	A1000 Back Loaded		330	608	581	555	608	555	853	1079	1030	1128	981	1079	613
Cum At Completion Units			330	938	1519	2074	2681	3236	4089	5168	6198	7326	8308	9387	10000

Assignment total value: 10000

Period	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	Mar 18	Apr 18
Period Value	330	608	581	555	608	555	853	1079	1030	1128	981	1079	613
Cumulative Value	330	938	1519	2074	2681	3236	4089	5168	6198	7326	8308	9387	10000

- 6 000 activities < 2 minutes

# Adrega PI P6 Reporting



## Live Demo

# Any Questions?

Contact

Jon Swain

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(703) 910-2600