



Characteristics of Multiple Projects Organisations

- Project-based organisations are able to cope with emerging properties in production and respond flexibly to changing client needs
- The task of the project-oriented organisations is, to lead the organisation properly, so that the right
 projects are carried out, that these projects receive competent project managers and project staff,
 the project results are used sustainably, and the value creating objectives of all stakeholders of
 the project-oriented organisation are achieved.

(Reference: Gemünden, Lehner, and Kock 2018)

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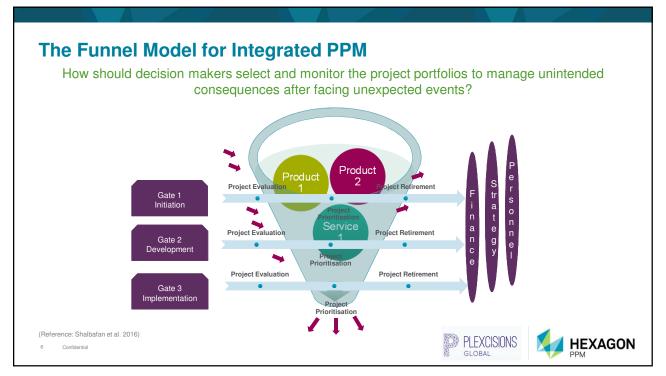




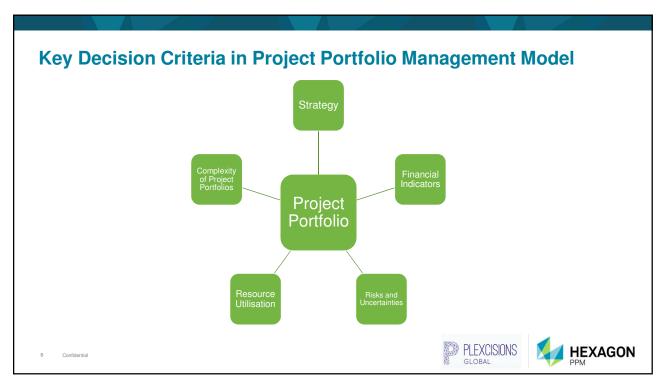
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Critical Success Factors in PPM

- 1. Stakeholder Involvement
- 2. Strategy Clarity
- 3. Business Case Monitoring
- 4. Agility

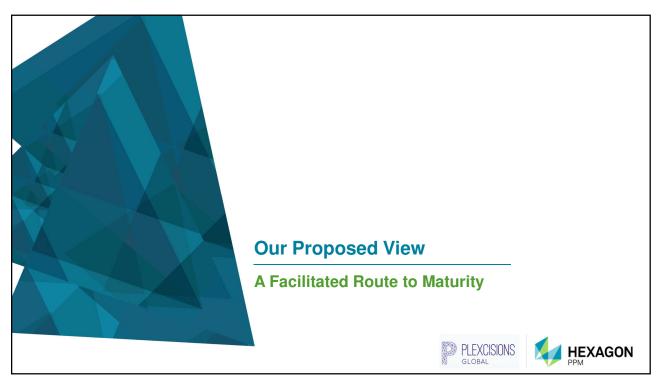
(Reference: Kock and Gemunden, 2016)

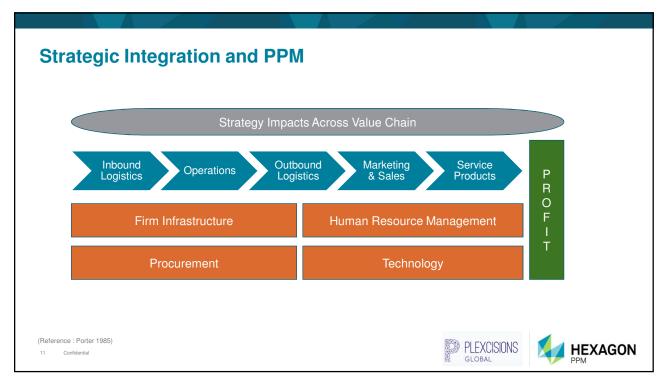
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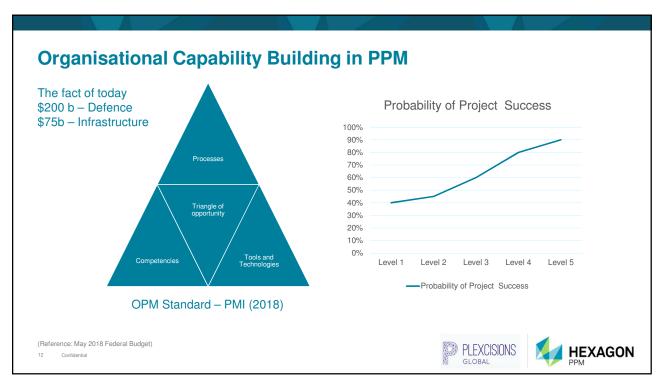




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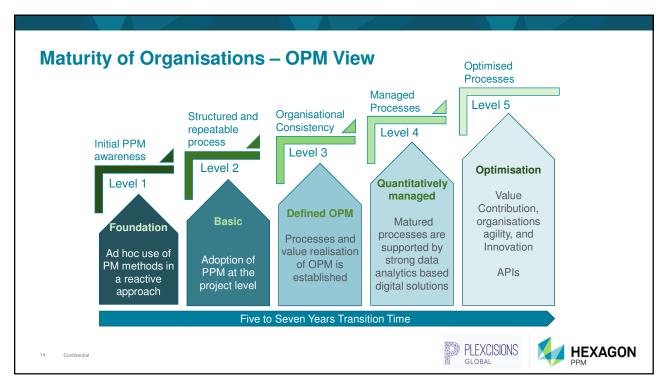
Organisational Capability in PPM

- √ Adaptability to changes and unexpected events
- √ Future oriented leadership
- ✓ Innovative organisations
- ✓ Infrastructure and processes to support quick response to change
- √ Team work, leaders competences to manage uncertainty

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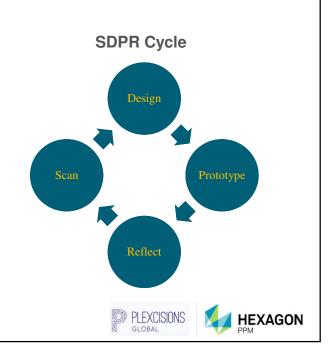
Your potential issue	Our customised solution	Benefits / Impacts
III- prepared decision making for selection, and prioritisation of projects	Screening and making sense of maturity of organisations, Action Groups to establish managed processes for organisational project management, Establish team cognition measures for better decision making based on evidence	Responsiveness to changes, alignment among projects, programs and portfolios, management of uncertainty
Strategy mis-alignments	Assessment to identify bottlenecks across value chains, design of customised simulation, facilitate sensemaking in role play simulation, narrative analysis, deployment of Action Learning to integrate strategy into operations	Stakeholder engagements, executive awareness of real- time impacts, leadership competency building, customer satisfaction

PPLEXCISIONS Global - Current Thinking Your potential issue Our customised solution Benefits / Impacts Visualisation and Real-time Integrated Digital Platform / Customised Improved information sharing Information and Communication Systems for executive decision making reporting Asset / Resources under-Integrated Project Portfolio Road Maps, Improvement of productivity, utilisation Financial Risk Assessment, Technical customer satisfaction, services Assessment, Mathematical Optimisation for efficiency project selection and prioritisation PLEXCISIONS HEXAGON PPM



Action Learning (AL) is a structured method that enables small groups to work regularly and collectively on complicated problems, take action, and learn as individuals and as a team while doing so.

(Reference: Serrat, 2017, p. 589).



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Core Competencies

- Group Decision Making without being trapped in Abilene Paradox or Groupthink through SMART processes
- Leaders 'preparedness to direct teams under changing condition and limited time and information
- · leader's understanding of leadership styles in different domains of knowledge
- Organisation capacity to utilise team members' tacit knowledge for making strategic decisions under uncertainty
- Organisation capacity to provide visibility of strategic impacts on all entities across its business value chain
- Organisation learning, knowledge management and risk based optimisation of investment

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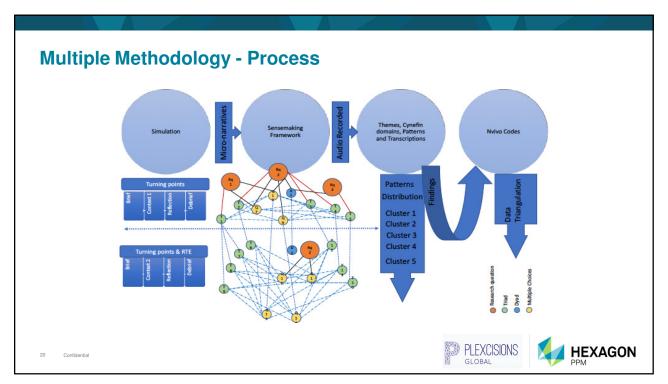
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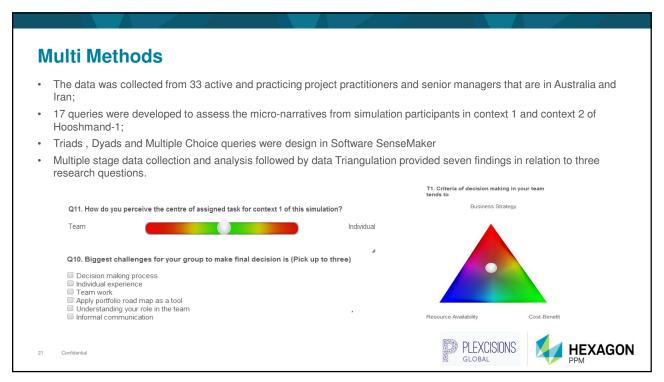
- Uses real-world case studies for decision making in PPM to generate scenarios
- Simulates situations in complicated and complex domains for study of decision makers under changing conditions
- Uses groups of three roles (PPM Leader, two business unit leaders) with role descriptions, scenarios and assignments for each member
- Workshops were held with two to four groups
- Uses SenseMaker© software for collecting and analysing data
- Key Applications : Case Study research on decision making in uncertainty

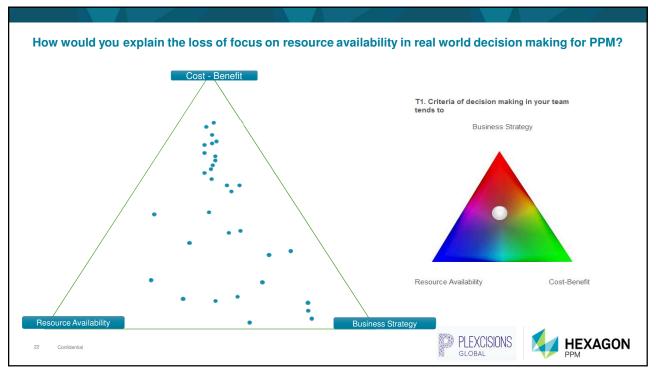
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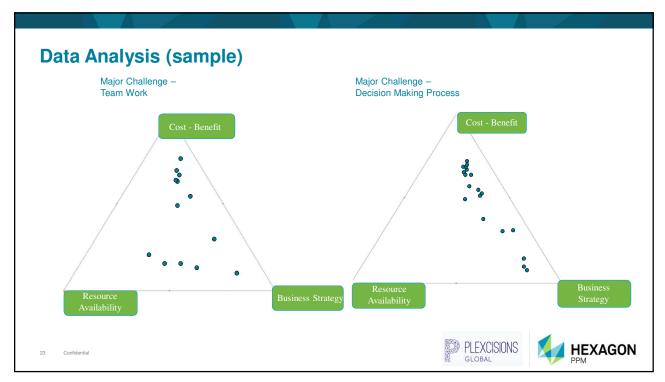












Team Cognition: Key Factor to Organisation Resilience

What is team cognition?

• Team Cognition concerns approaches in which team members exchange or hold the knowledge during a group decision making exercise

Why is it important to PPM?

- Use of group decision making is a proven approach for organisations to de-risk their decisions particularly in response to uncertainty.
- Team Cognition with collective efficacy helps organisations to understand team work dynamics in strategic decision making (Huey-Wen , et.al. 2012)
- Team Cognition can be used as an indicator for quality of decisions and strategy integration in organisations

How can organisation benefit from TC?

• Team Cognition Measurement helps organisations to understand their team performance in group decision making and plan to improve their team works in strategic decision making

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Challenges	Solutions	
Measures applicable to heterogeneous teams	Heterogeneous knowledge metrics (e.g. rolespecific referents)	
Measures that capture emergent cognition	Holistic measures taken at the team level (e.g. consensus ratings)	
Holistic, embedded, real-time metrics	Communication pattern analysis (Hooshmand-1) Cynefin Domains Movements (Hooshmand-1)	
Measures of emergent team situation awareness	CAST: Coordinated perception and action of team members in the face of change.	

Information Systems: A Mature PPM Solution

- Automation, information and communication technologies are crucial supports to quick response through successful implementation of PPM exceeding level 3 of maturity
- PPM Software help to automate processes and streamlines decision making and reporting
- The tool or software needs to be compatible and integrate with other information systems which are used by business units, e.g. SAP for HR, Oracle P6 for Project Controls

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Key Selection Criteria for Choosing PPM Tools

- Project Lifecycle Management
- Financial and Project Risk Management
- Advanced Resource Management
- Dashboards
- Reporting and Analytics

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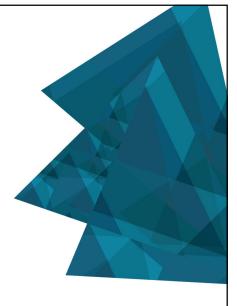




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Benefit Realisation for Successful Implementation of PPM

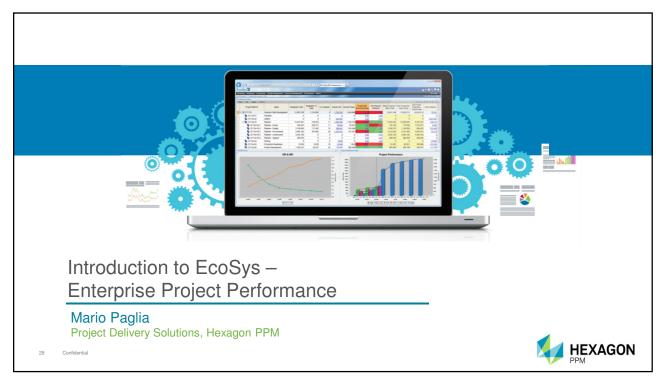
- META Group reported that implementation of PPM has resulted in 20 -30 percent reduction of spending on their projects without negative business impact
- 2. Gartner forecast that oragnisations which implement and sustain a PPM solution can save between 10% and 30% of total portfolio value p.a.



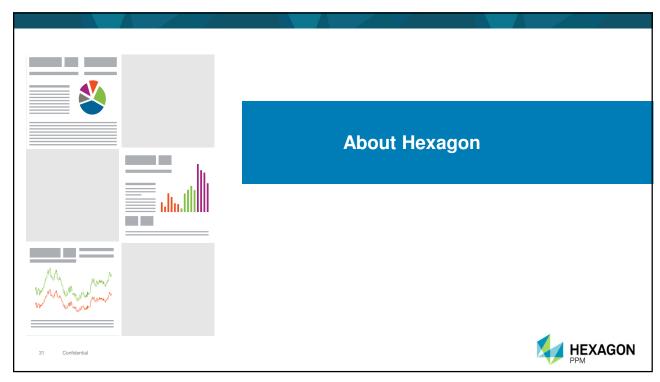
(Reference: Jenner 2016)
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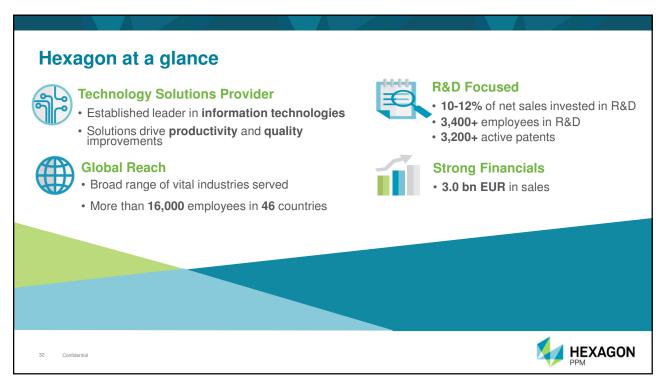




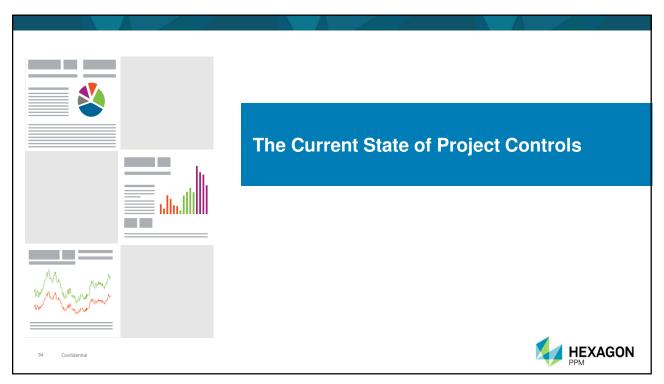


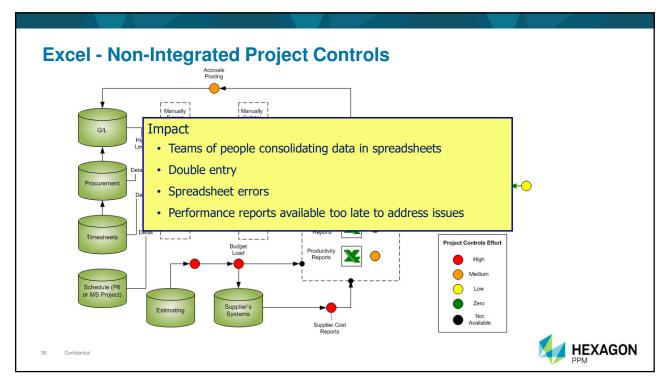


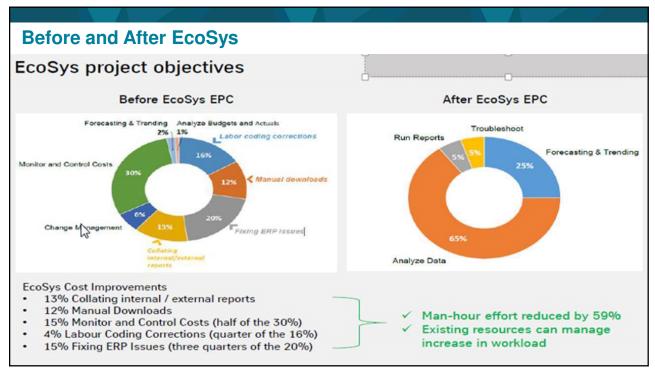




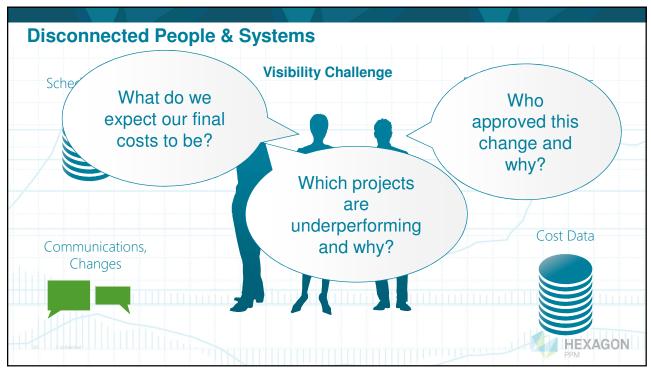


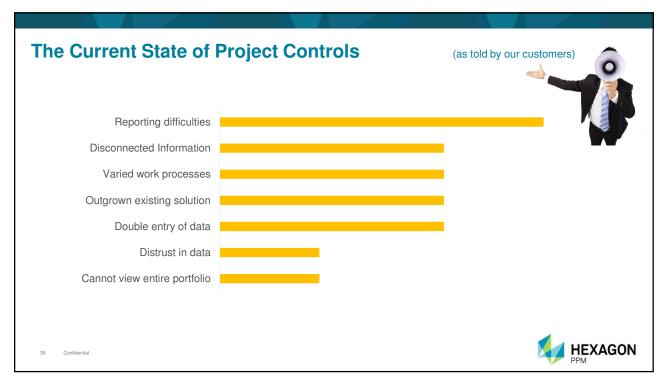


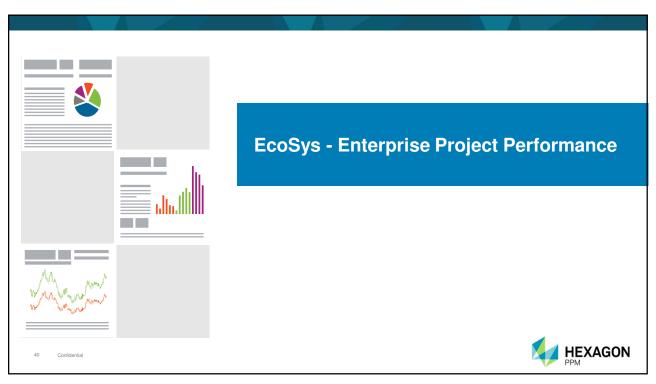


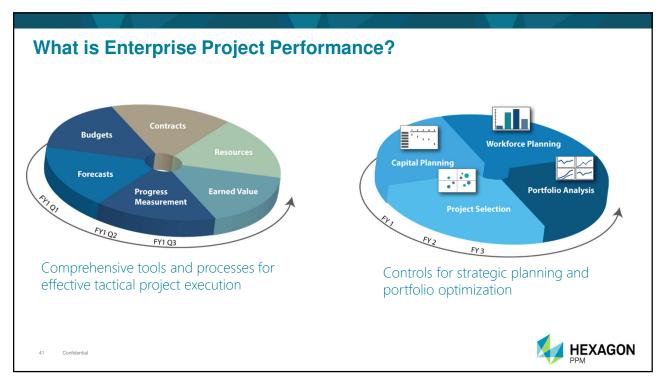




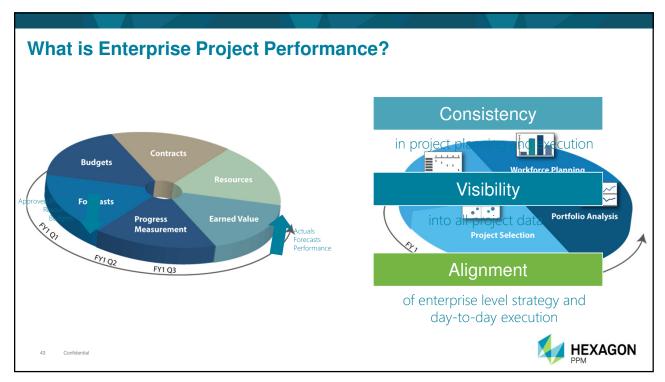


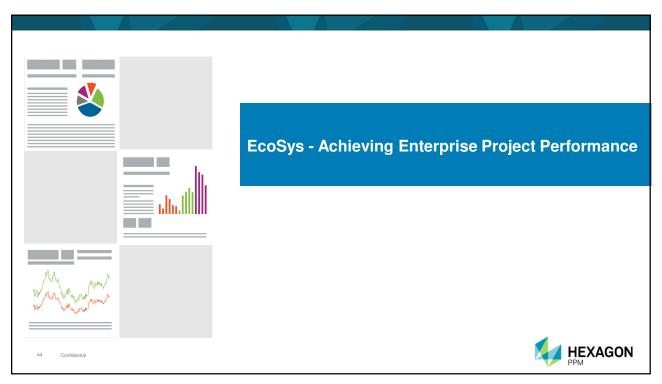


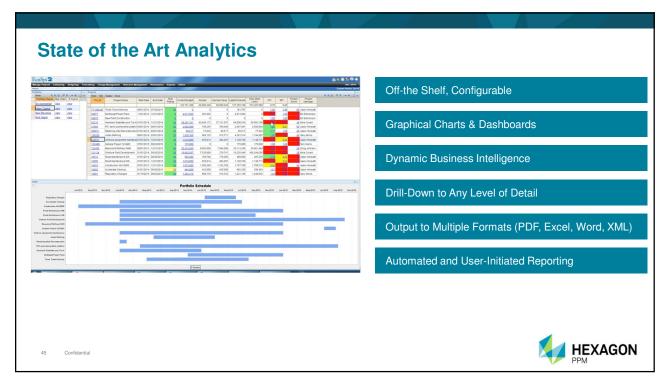


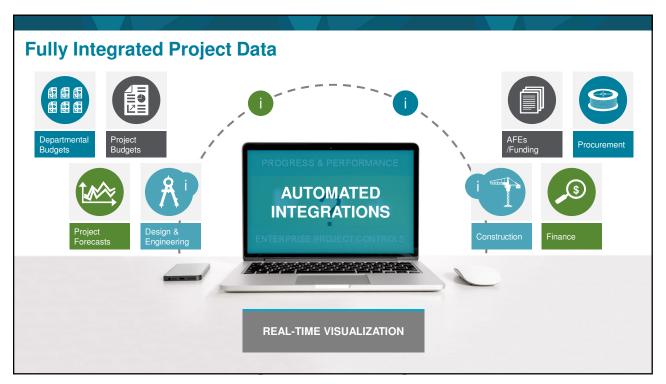


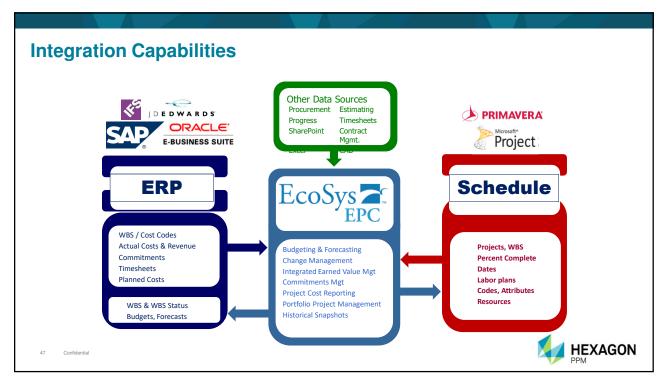


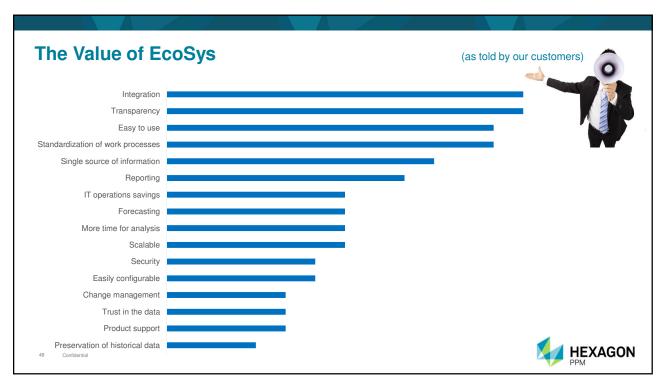












Conclusion:

Industry leaders are embracing **Enterprise Projects Performance** processes & tools

- ✓ Planning and execution of all projects with consistent processes
- √ Visibility of project issues and status
- ✓ Active collaboration with all project stakeholders
- ✓ Effective decision making based on the latest information
- ✓ Provides project based companies with better internal controls for financials







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