

Partnering for Success (P4S): Game changing controls for a new era in program delivery

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Today's Discussion

- Small to medium sized programs of work and large, innovative megaprojects in Sydney, Australia
- The P4S approach – transforming contracting practice to achieve program objectives
- The need for a technology partner that is agile with a proven ability to deliver effective collaboration at scale
- The challenges in change – people, process and technology

Acknowledgement of Country

Sydney Water and InEight respectfully acknowledges the Traditional Custodians of the land and waters on which we work, live and learn. We pay respect to Elders past and present.

About Sydney Water

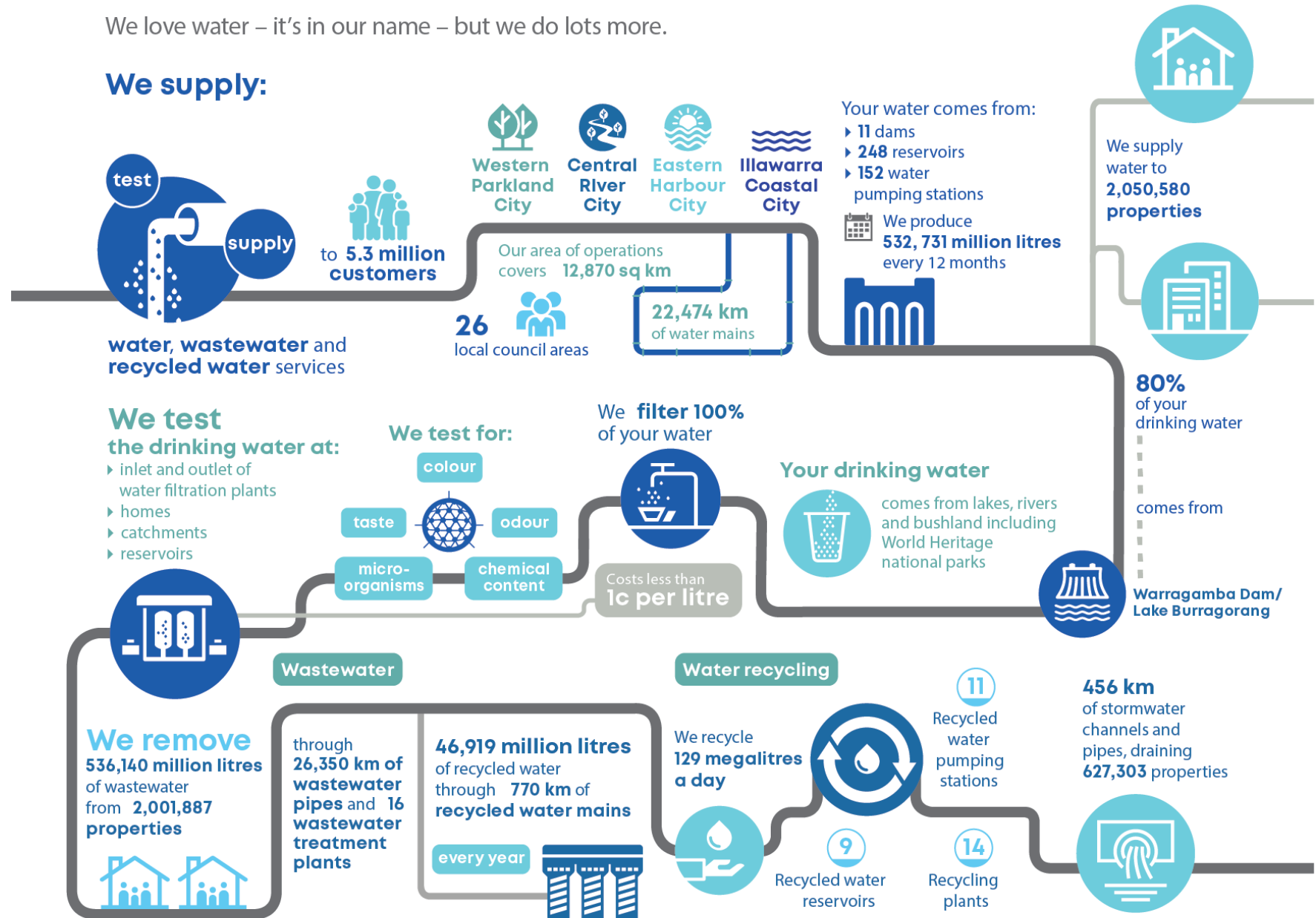


Our services

We love water – it's in our name – but we do lots more.

We supply:

Our vision is to create a better life with world-class water services.



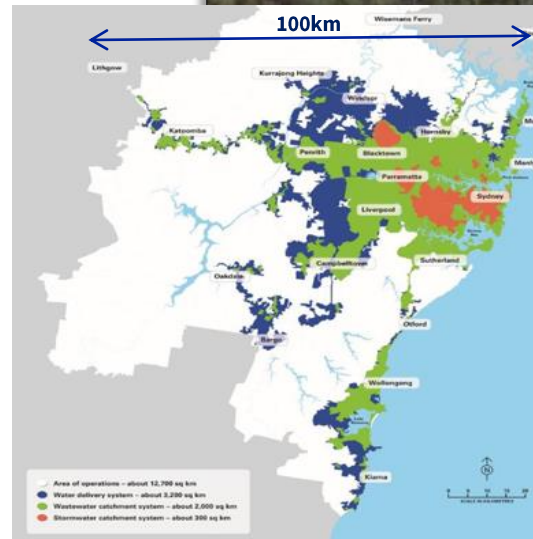
The Challenge

By 2031, across greater Sydney, we can expect:

- an extra 1.3 million people
- over 570,000 new homes
- 600,000 new jobs

OPERATIONAL AREA:

- 12,700 sq km
- 5 million current customers
- Sydney, Blue Mountains, Illawarra



Partnering for Success (P4S): transforming infrastructure delivery



Improve collaboration and integration across the value chain



Outcomes that customers value



Enhance management of lifecycle costs across all stages of asset lifecycles



Promote innovation for new and improved solutions



Effective management of safety



Develop flexible model providing long term stability and promoting partnerships

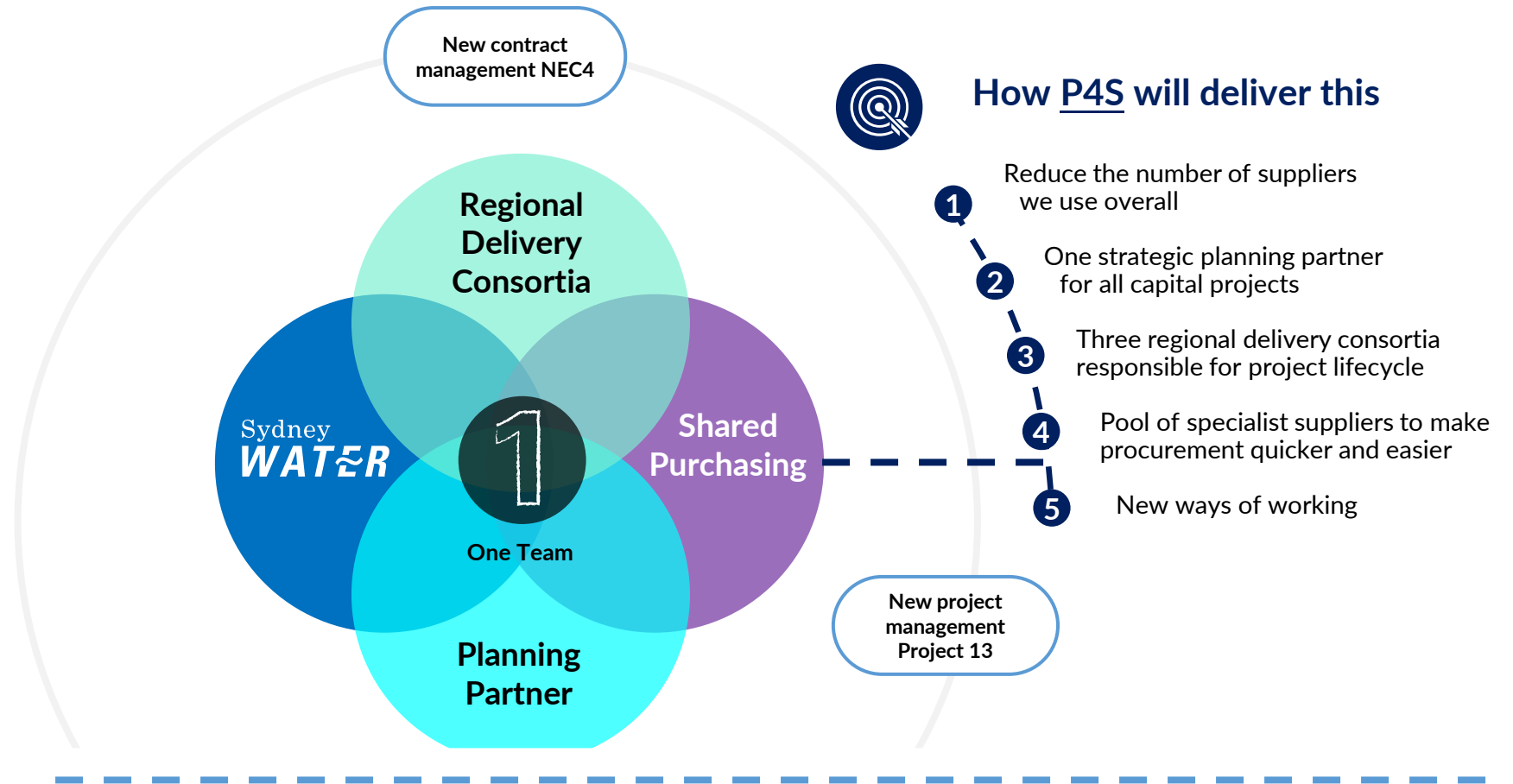
P4S

Partnering for Success

Integration, consistency and value

Why we need P4S

- 1 Reduce costs with opportunities to further enhance value for money
- 2 We want to consistently deliver high-quality work to customers every time
- 3 Provides opportunities to further improve our safety record



What are the benefits?

- | | | |
|--|--|--|
| <ol style="list-style-type: none"> 1 High quality customer outcomes every time 2 Integration and long-term partnerships with suppliers | <ol style="list-style-type: none"> 3 Resource security for the long term 4 Save money and drive efficiencies | <ol style="list-style-type: none"> 5 Competitive & incentivised contracts 6 Staff upskilled in contract and project management |
|--|--|--|

The Vision

The Vision



from a perception based culture

to an evidence based culture

by showing them the scoreboard

able to answer

- are we profitable?
- are we efficient?
- are we market competitive?
- who has contributed what?
- who should be recognised and rewarded?

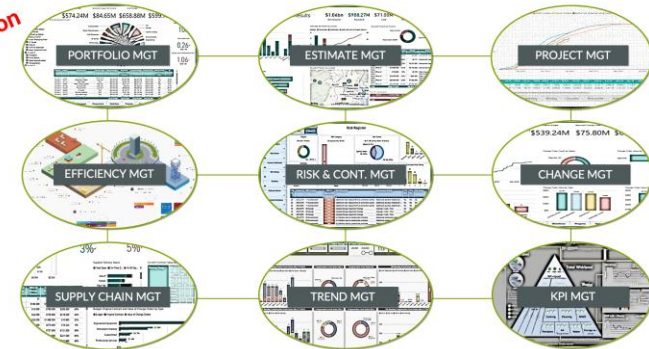
things we find difficult to do today, but not tomorrow

the magic information box

the SCOREBOARD

comprehensive ... commercial information ... live ... reliable ... interactive ... full drill down ... everyone sees everything ... how to make money ... liberate potential

coming soon

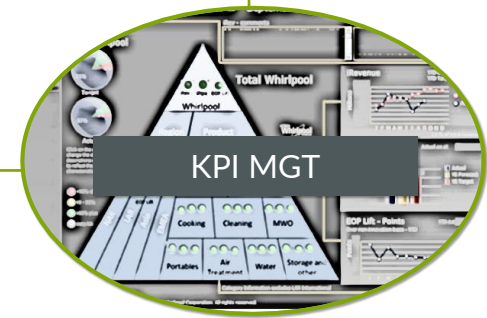
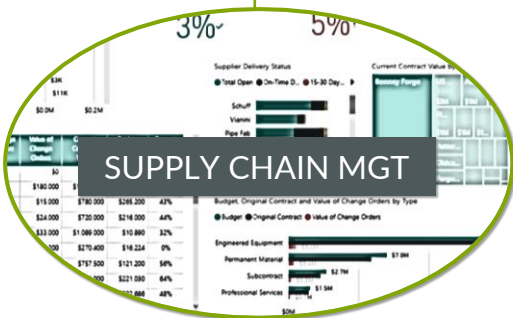
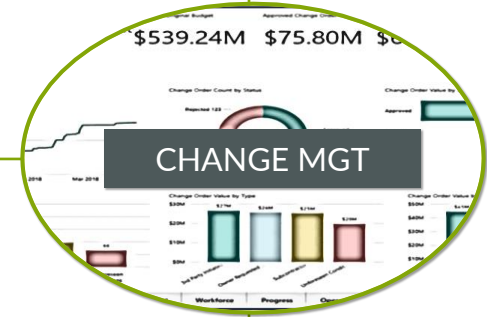
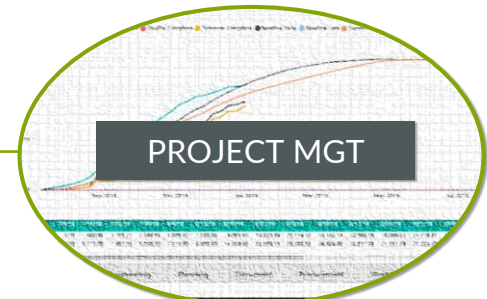
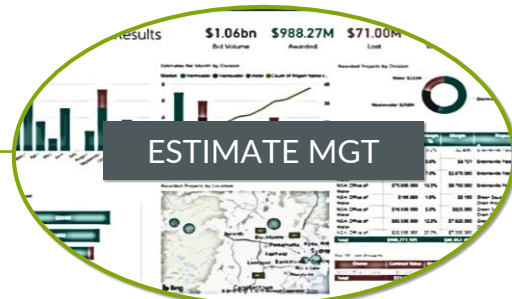
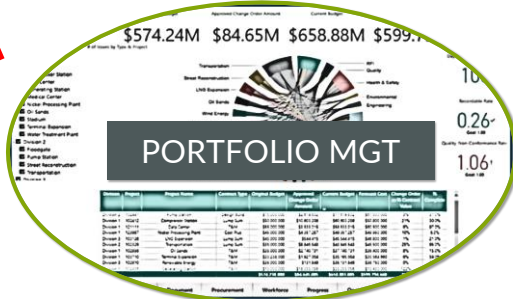


the magic information box

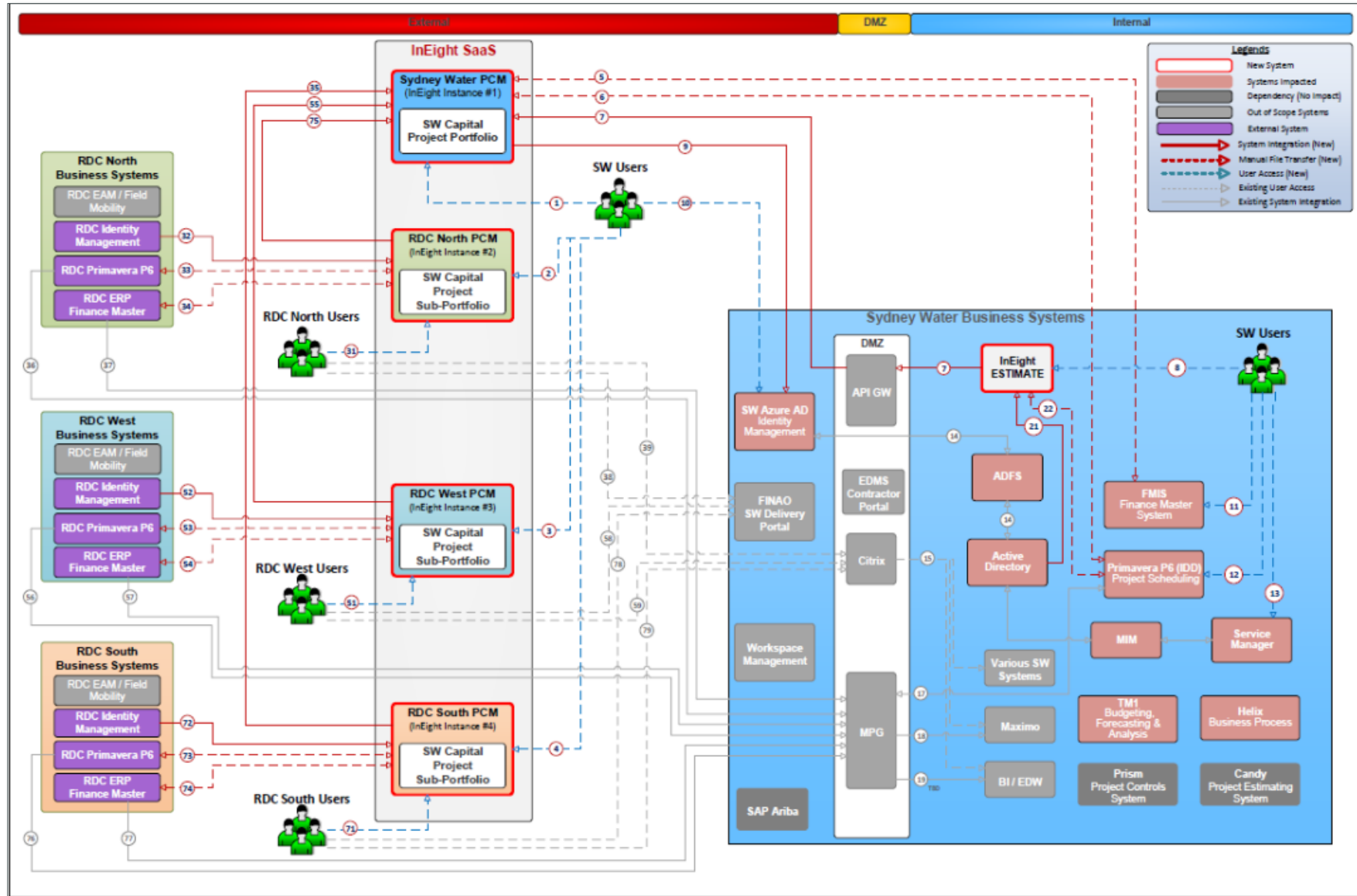
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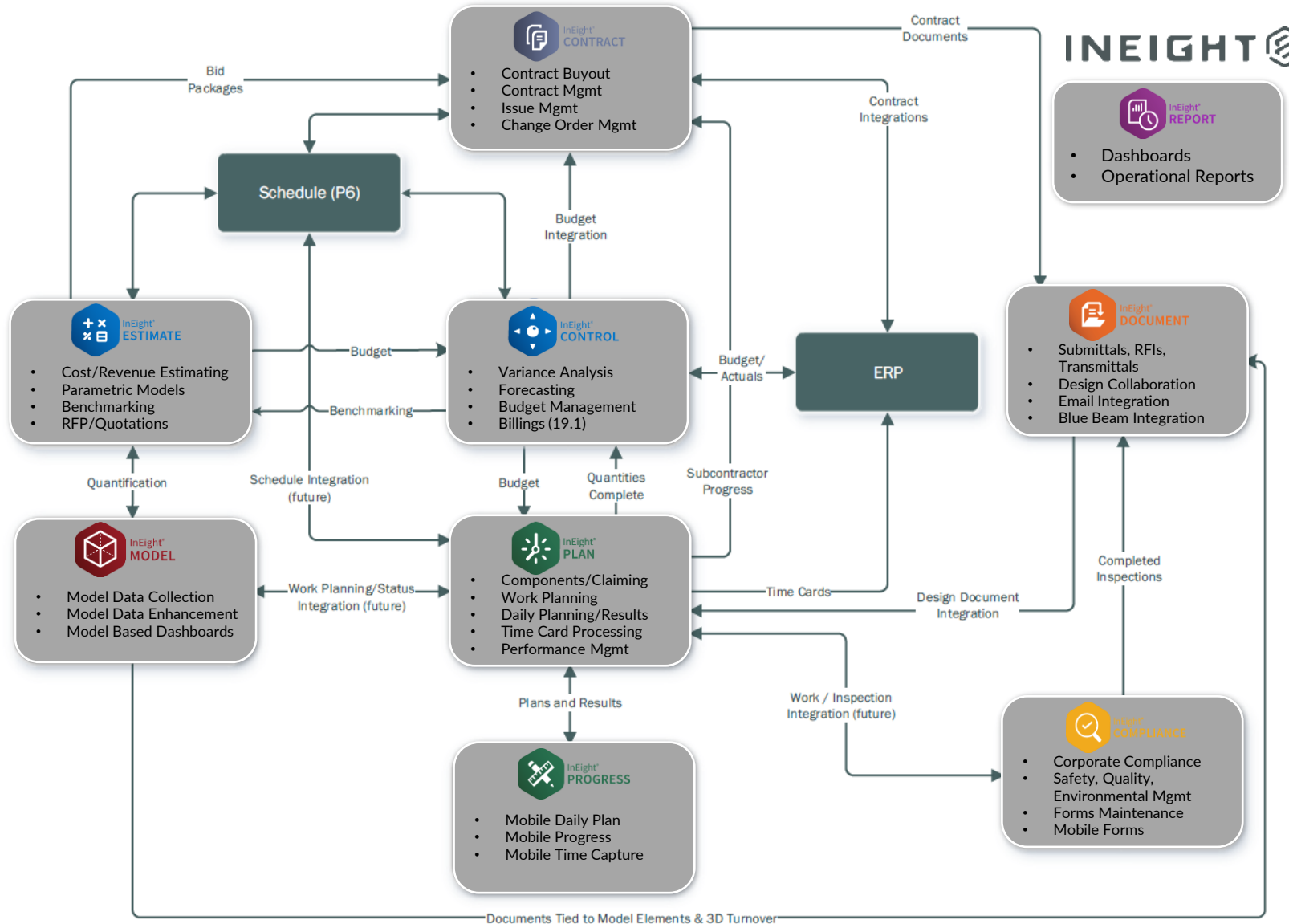
coming soon



Project Cost Management – Architecture Overview



Connected Data Flows

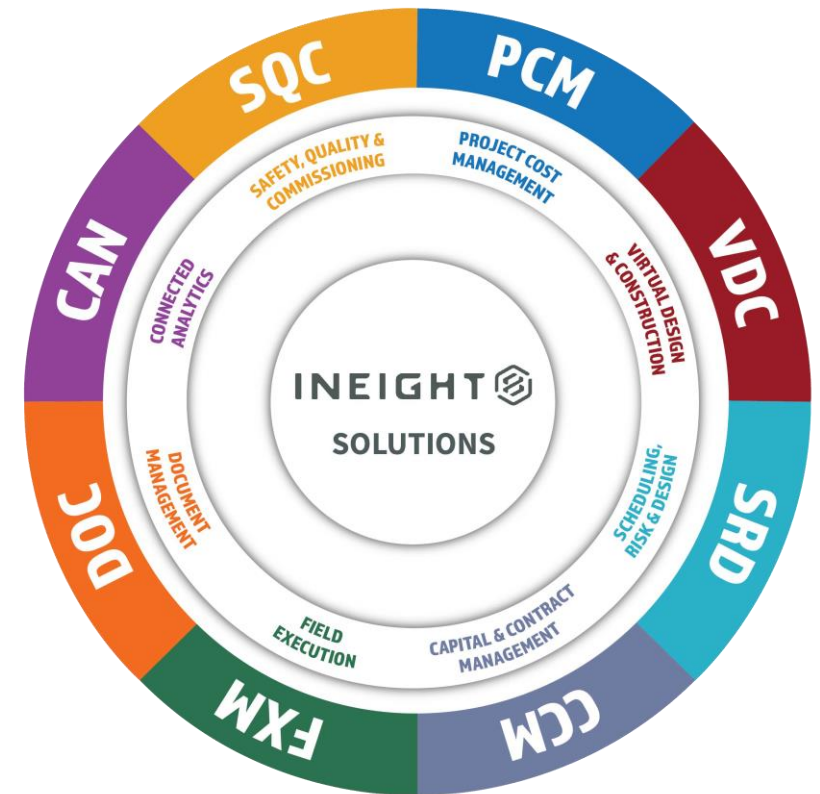


Connected Data Platforms: The Why



Why We Need Integrated & Connected Data Platforms

- Challenge how the capital projects and construction industry leverage data to realise better results at every phase of construction
- Effective use of project controls data can deliver project certainty through connected data across the project life cycle
- Real-time project controls data to guide better outcomes across business processes, for use in design and planning, in the field and in the boardroom
- Effective use of project control data will shape the future of the construction industry.



Why Now?



STAGE 1: ENABLE



- Create a standards-based cloud platform to serve as the foundation for the IPC solution
- Provide the right functionality to support the common roles involved in project controls



STAGE 2: CONNECT



- Provide a single repository of project controls data
- Provide analytics and self-service dashboard creation
- Support connected business process through real-world integrations, workflow, and a common UI

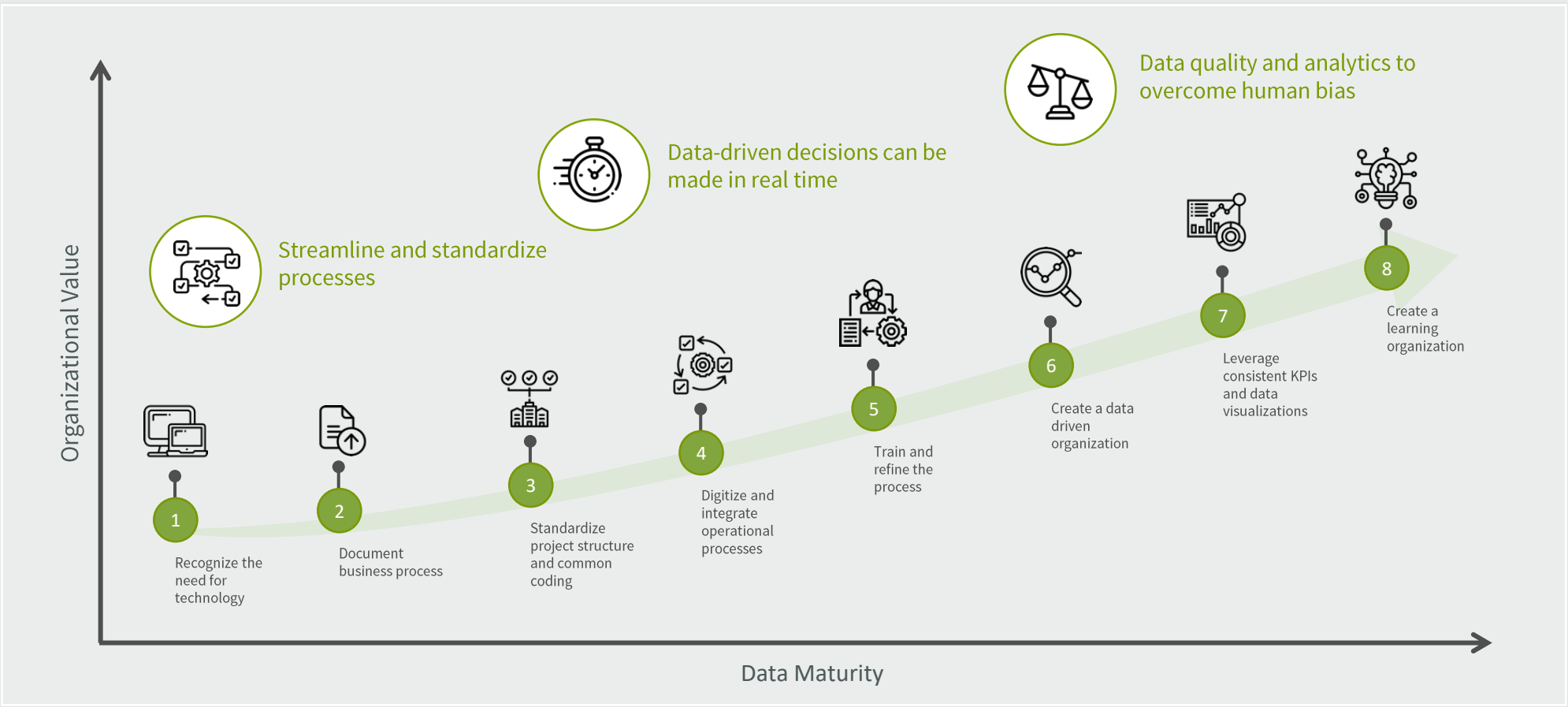


STAGE 3: LEARN



- Use AI and machine learning to instill collective knowledge from human input and project history
- Proactively benchmark and validate expectations
- Continuously identify potential risks

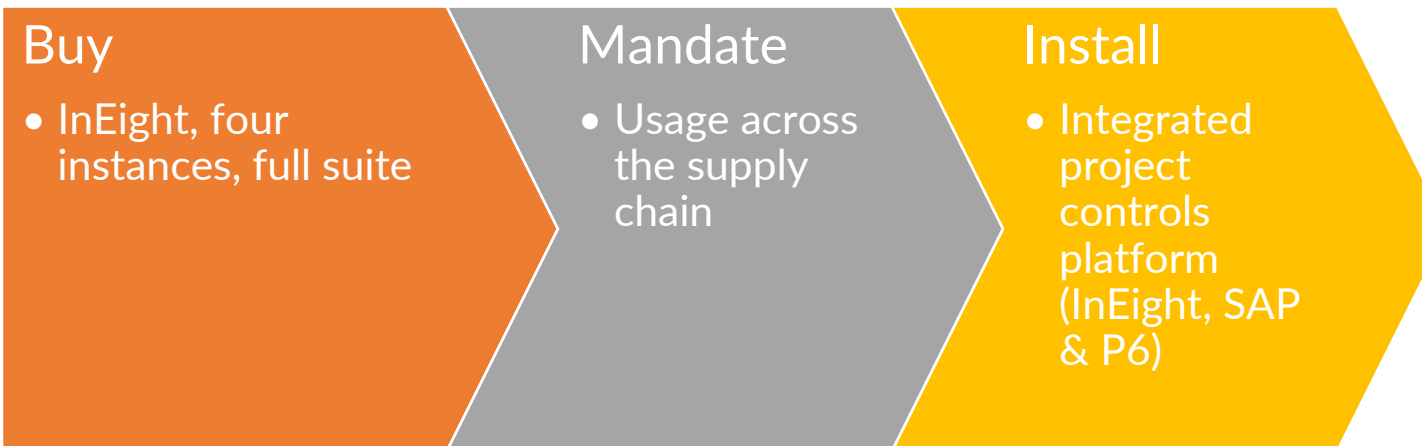
InEight's IPC Platform | Enabling Data Maturity



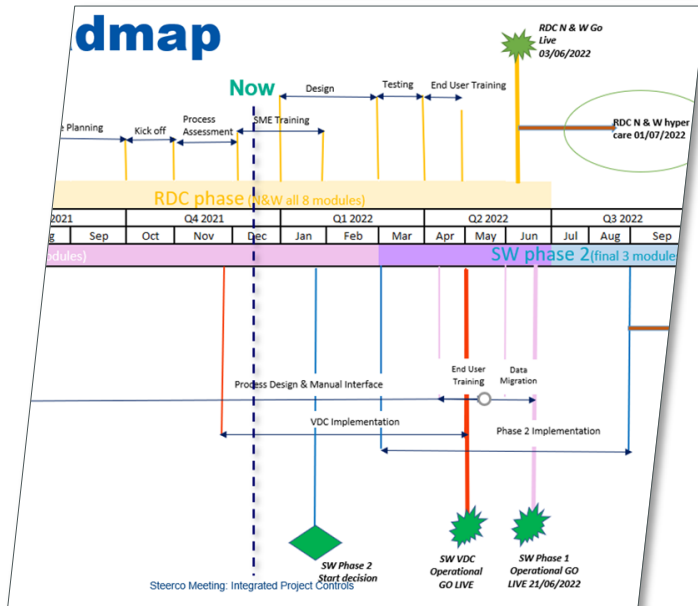
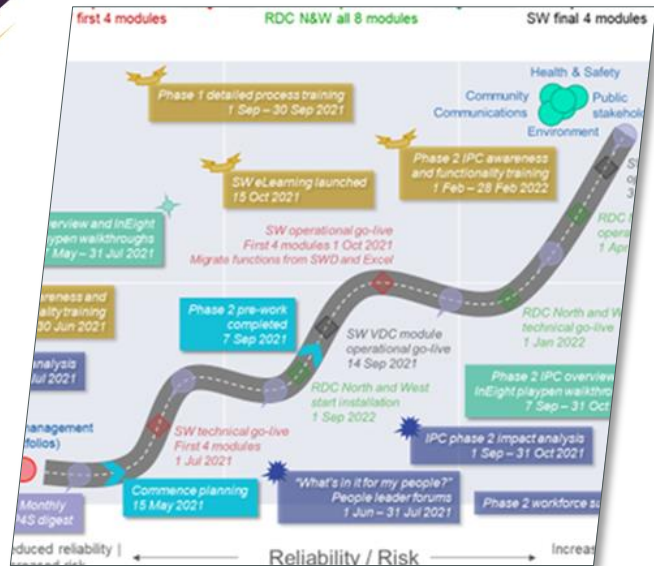
Steps to a new Era in Program Delivery



Steps to Deliver the Scoreboard



The BIG Challenge Significant Change Effort



- in order to deliver the integrated project controls platform (inEight, SAP & P6)
- and so, move us away from a box of broken processes to having the information we need
- significant change is required
- to move us away from a well-entrenched, self-designed, siloed way of doing things
- to a new, vendor-designed, integrated way of doing things
- against likely significant resistance from [well entrenched] existing process owners . . . a big ask

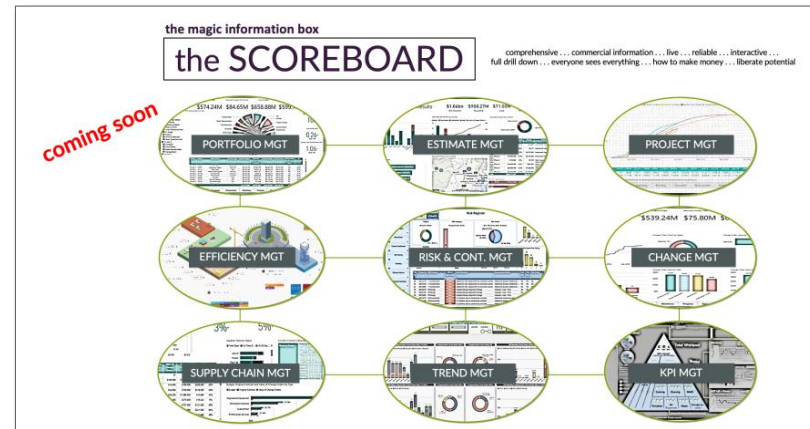


We Deliver Market Leading Information System

whilst it is necessary, it won't be easy

this is a difficult transition

however, big dreams big effort



Wins



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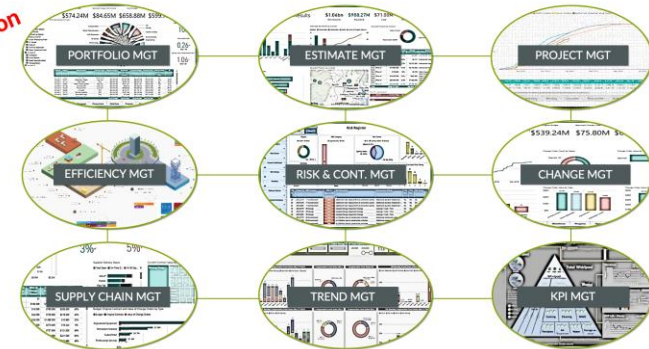
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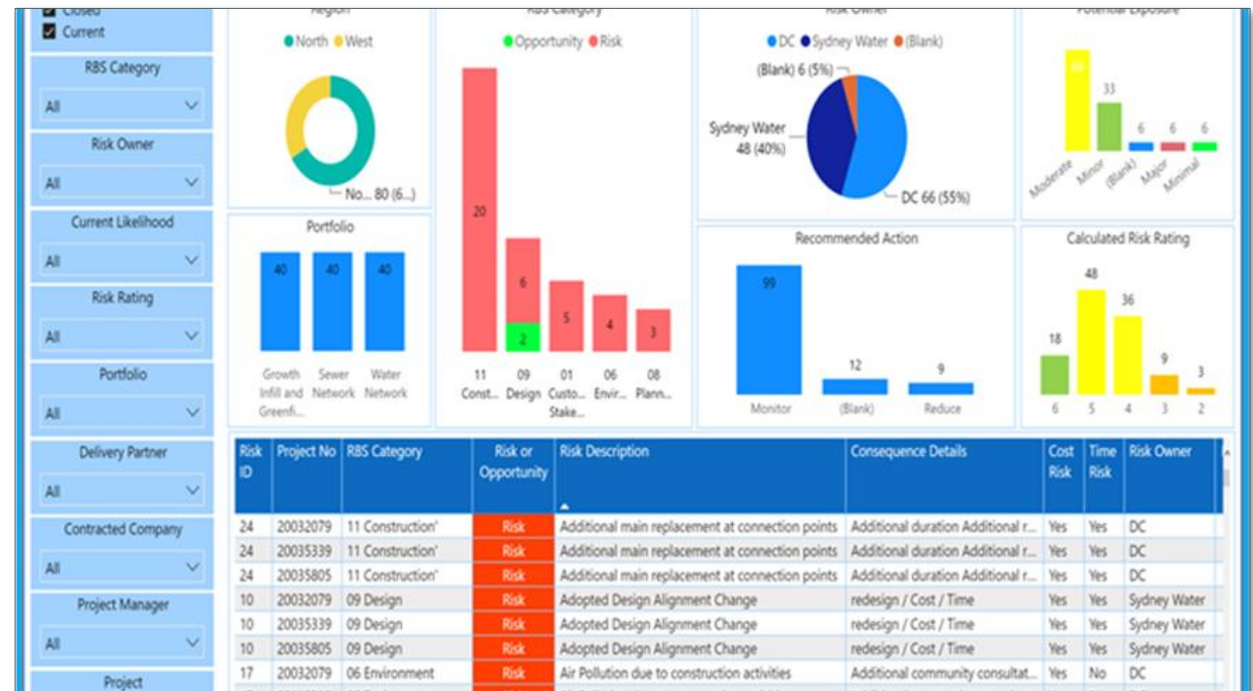
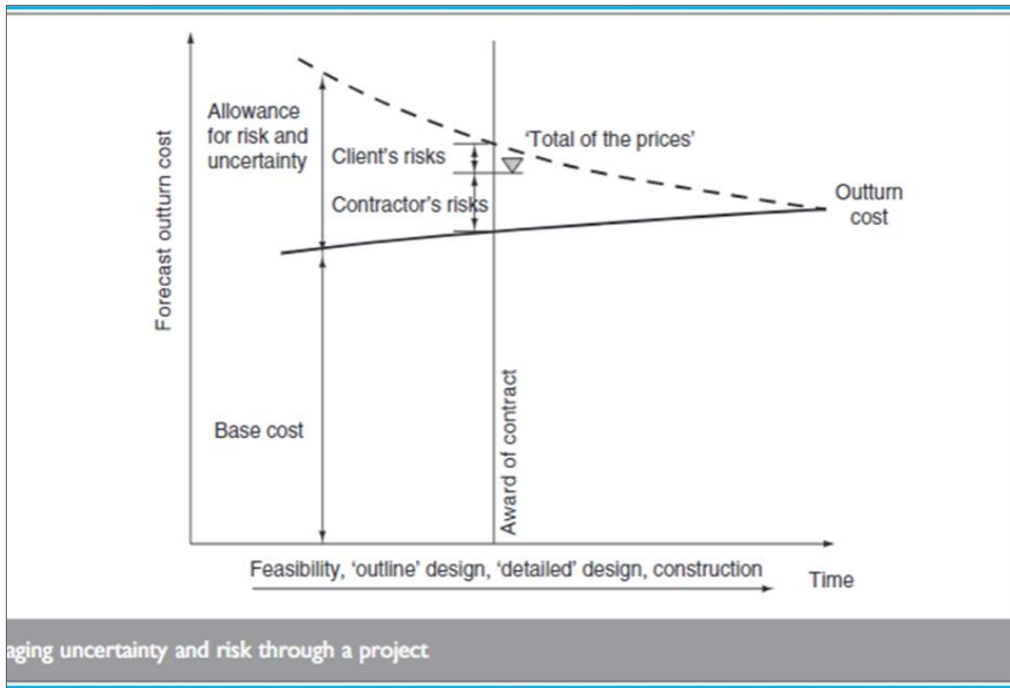
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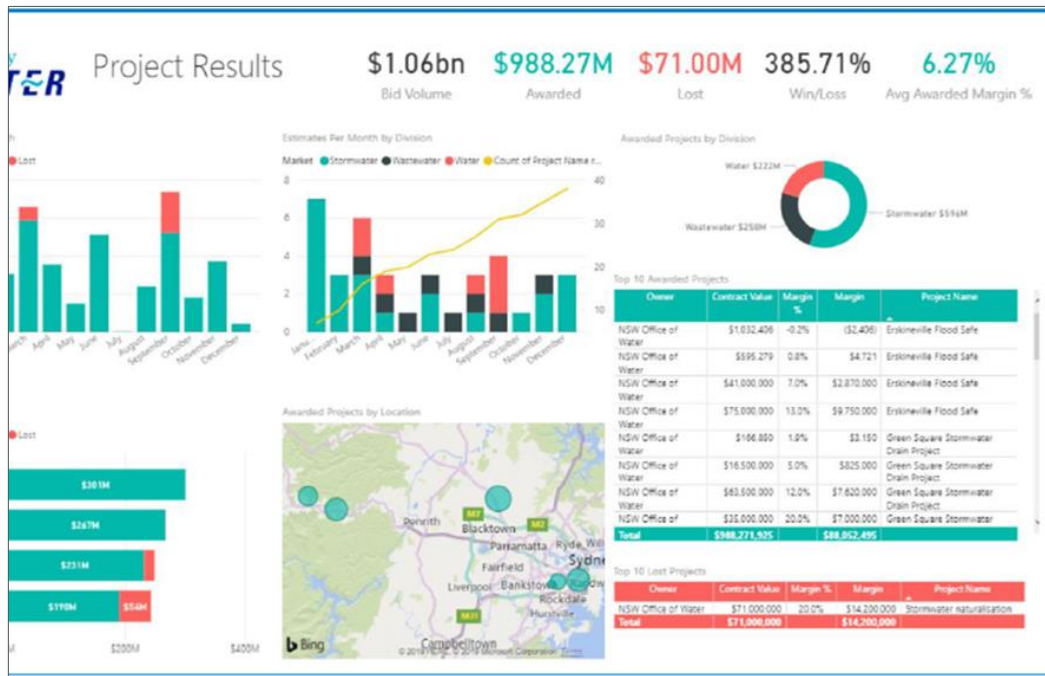
Live and On-line

yes, soon we'll be running risk workshops



Live and On-line

and managing trend and forecast



THANK YOU

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