



# SYDNEY WATER'S CONNECTED DATA JOURNEY

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Sydney  
**WATER**

**INEIGHT** 

PROVEN PROJECT CERTAINTY.

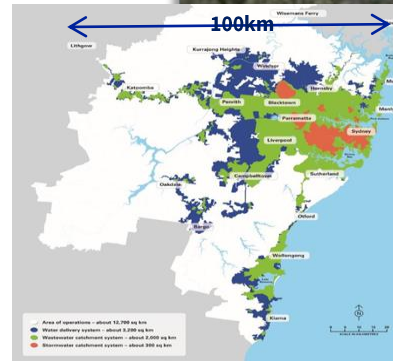
# THE CHALLENGE

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



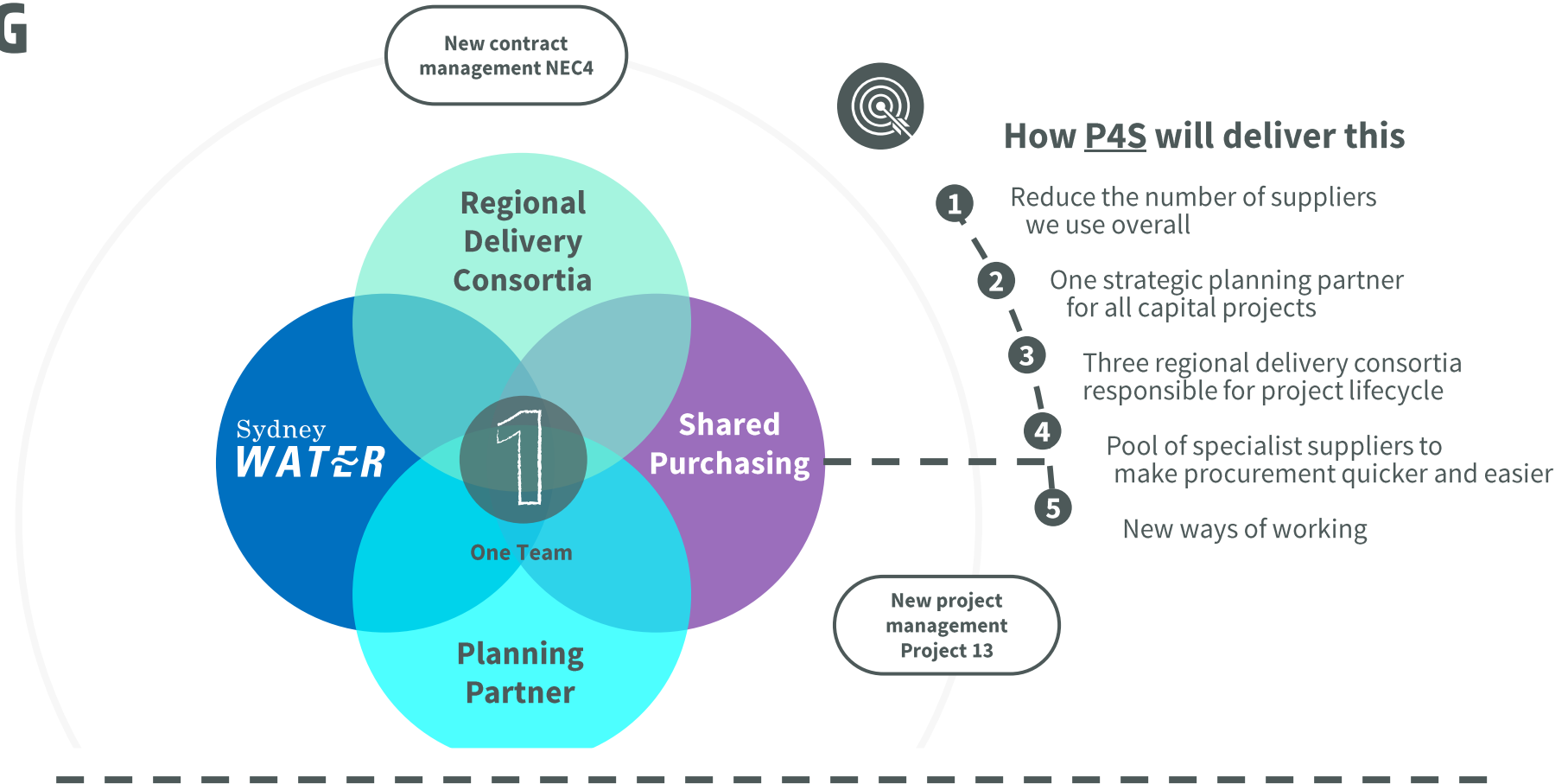
**The response** is a 10-yr multi-billion dollar program of work, employing 000's of worker to Design, Build & Maintain Capital Infrastructure. Employing market leading collaboration and contracting methods.

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

## THE SITUATION

Sydney Water supplies water, wastewater, recycled water, and some stormwater services to more than 5 million people in Greater Sydney and the Illawarra. It was looking for a way to collaborate more effectively on projects with its Regional Delivery Consortia (RDCs). The three RDC's consist of 12 of Australia's largest capital projects design and delivery organizations including **WSP, Comdain, John Holland, Jacobs, Lendlease Services, Atlas Personnel Services, Abergeldie Contractors, Programmed Facility Management, Downer, Ventia, Fulton Hogan, and Stantec.**

## KEY CHALLENGES

- Facilitating project transparency with multiple stakeholders across the project life cycle
- Delivering real-time visibility when projects begin to exceed budget or fall behind schedule
- Facilitating collaboration between multiple organizations utilizing a variety of project management software

## THE SOLUTION

- InEight provides a common data environment (CDE) that allows all stakeholders to track and manage projects within one integrated platform
- InEight software captures all project cost and scheduling data while providing real-time reporting to keep projects on track
- InEight's platform integrates with existing third-party systems to optimize capital programs and project workflows

## OUTCOMES

- All stakeholders now have a unified view of projects through models, reports, dashboards and the source systems used to manage projects and programs.
- Improved collaboration with multiple stakeholders across the project lifecycle, including RDCs
- Streamlined integration with numerous third-party systems, which facilitates data sharing, improved visibility, and better project performance

“The integrated project controls system based on the InEight platform will be instrumental in reducing costs, increasing confidence, and driving transparency and collaboration with our project team.” —**Mark Simister, Head of Program Delivery, Sydney Water**



**Project Spend | Users**

**\$1.3B | 3,000**

**Region  
Country**

**APAC  
Australia**

## InEight Solutions

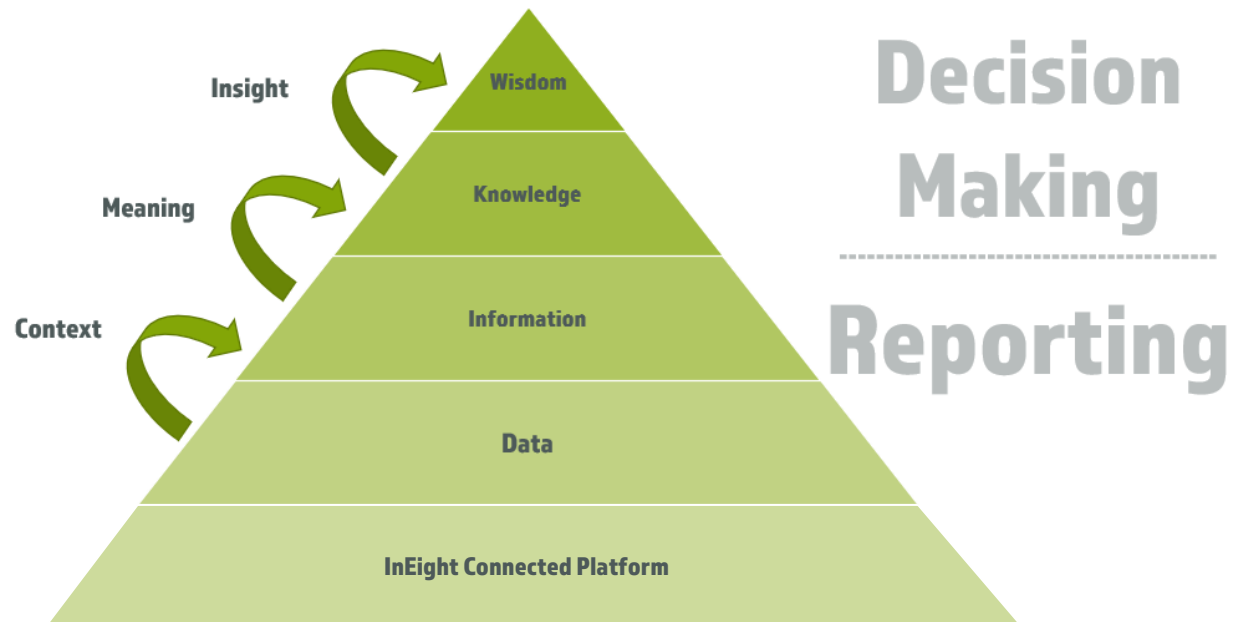
- Project Cost Management
- Virtual Design Construction
- Planning, Risk & Engineering
- Capital & Contract Management
- Field Execution Management
- Document Management
- Connected Analytics
- Safety, Quality & Commissioning



# SWAN 5 LAYER MODEL & INEIGHT KNOWLEDGE PYRAMID

In 2010, SWAN developed the “**SWAN 5 Layer Model**,” which is now commonly cited around the world. A utility’s overall network can become more intelligent by adopting the proper technology components from each layer.

## InEight’s Connected Knowledge Pyramid





**THANK YOU.**