

THINK BIG

BIG 2017 Conference
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Disclaimer and important notice

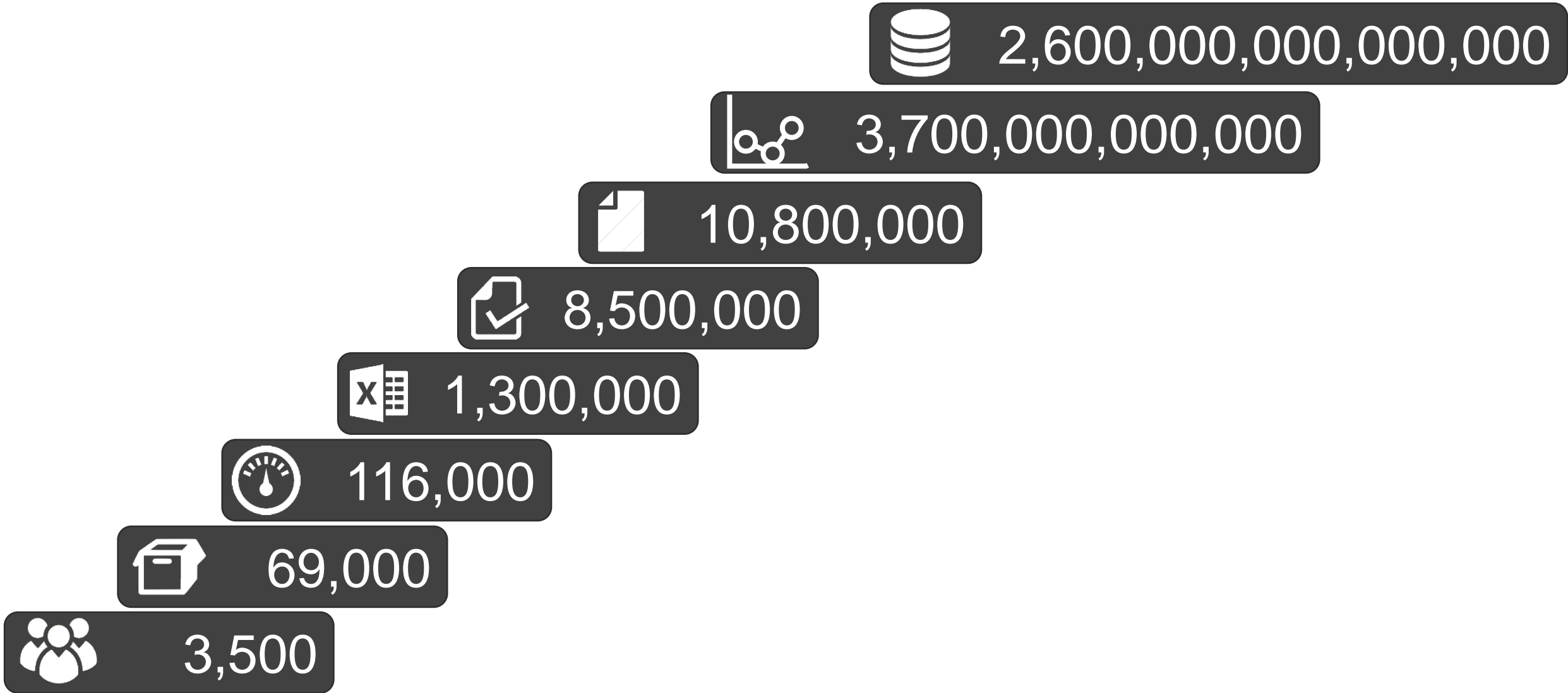


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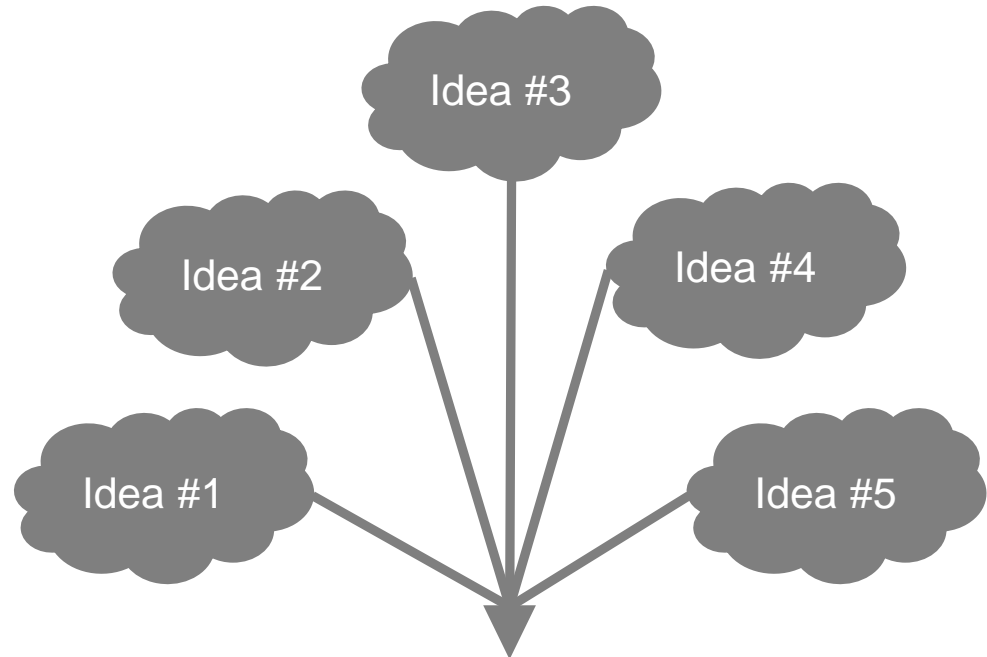
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Woodside by the numbers



What is innovation?



Structured: business driven



Problem solving: delivers value



Innovation IS MORE than ideas

Innovation IS applying ideas through structure problem solving

“So, start with the problem...”



Think big, prototype small, scale fast

Business opportunities that make a difference

Test quickly and learn

Capture advantage

“Think Big”

“Prototype Small”

“Scale Fast”

Cognitive Computing

EXPERIENCE COUNTS

World-class capabilities. Proven reliability. Agile and adaptable.

Unlock 30 years of experience

How can we achieve zonal selectivity in gas wells?

How do we control the PH of the Pluto MEG system?

Lessons learned

Finance
Operations Projects
Science and Technology Exploration
People and Capability Legal
Developments

Multiple applications reaching 1/4 of all employees

Think big, prototype small, scale fast

Business opportunities
that make a difference

Test quickly and learn

Capture advantage

“Think Big”

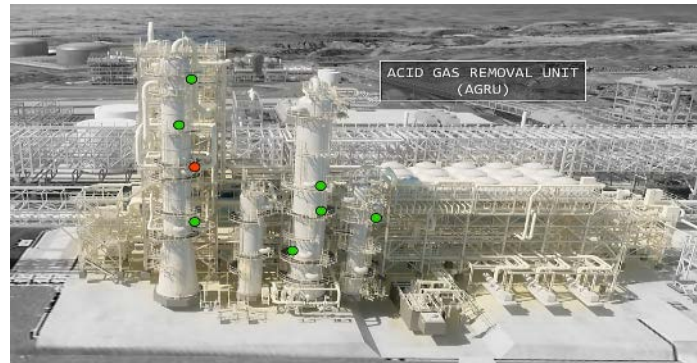
“Prototype Small”

“Scale Fast”

Cognitive Computing



Pluto LNG Park



Foaming Prediction

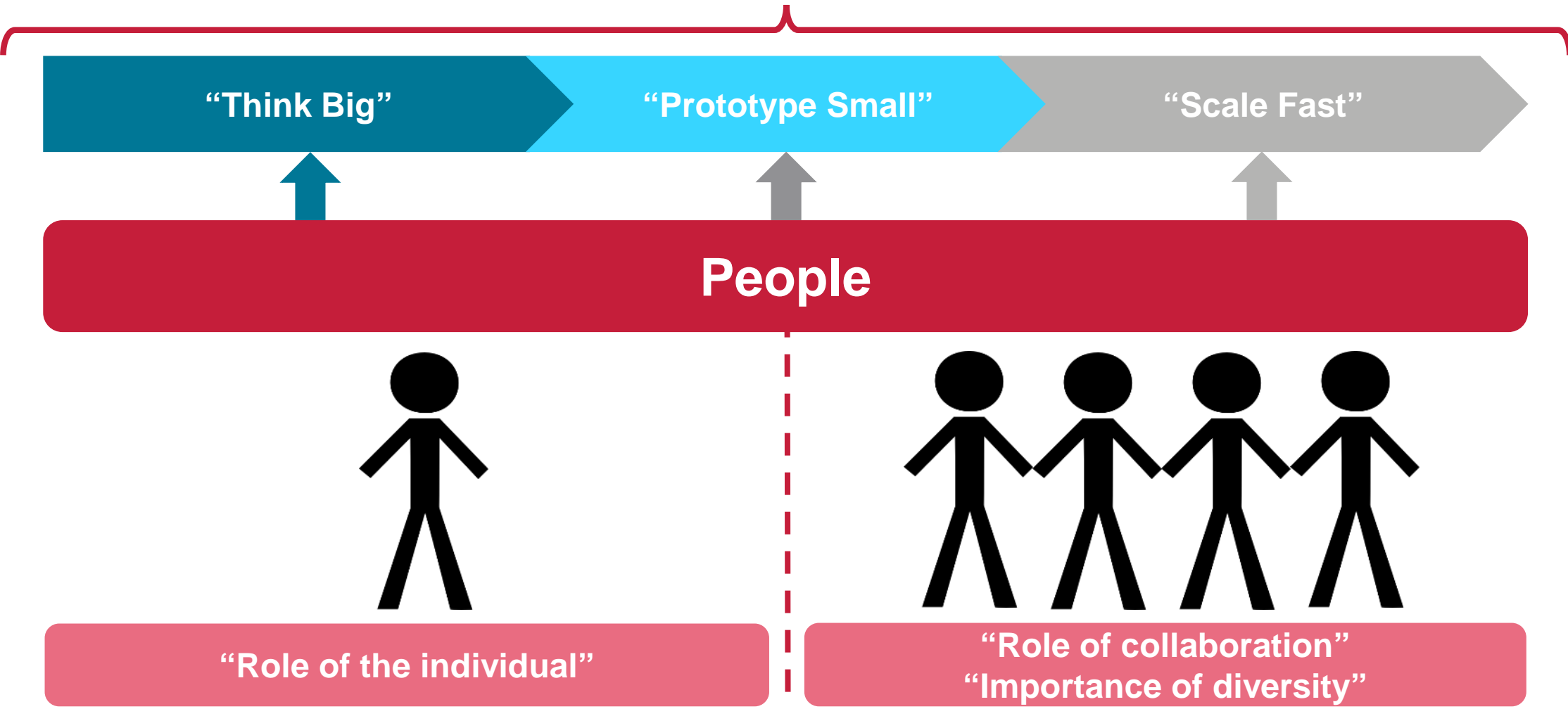
3000 records per second...

...6000 analytics models...

...3 million calculations per day

Plant Wide Analytics

Innovation Culture

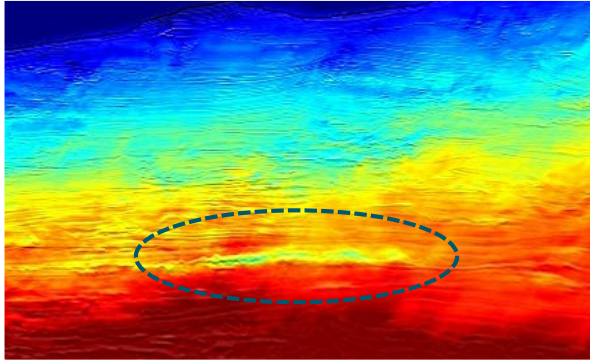


Innovation across Woodside value chain



Explore

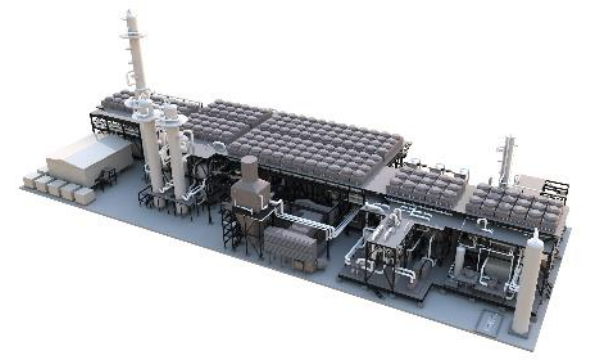
Full-Waveform Inversion



Reduced exploration cycle time and improved success rate

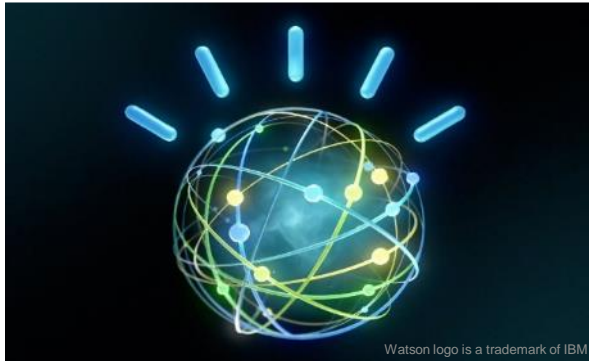
Develop

Modularisation



Reducing LNG liquefaction cost through modular construction

Cognitive Computing



Saving time, driving efficiency and reducing cost

Operate

Data Analytics



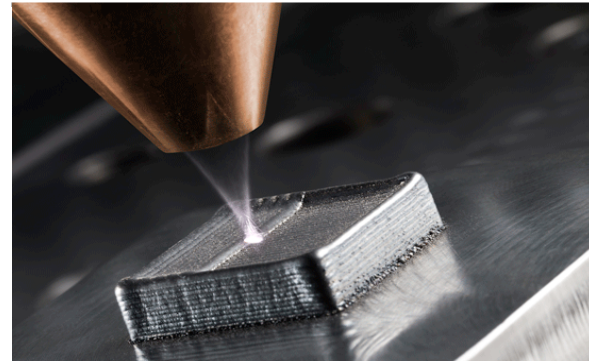
Insights from data to reduce lifting cost and protect high reliability

Wireless Technology



Enabling wireless sensors and mobile technology

3D Printing



Potential to reduce operating cost through spares on demand



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