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# Harnessing Value via Enterprise Optimization Center

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PETRONAS

**AVEVA**



PETRONAS

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PETRONAS | Abdul Rahim & Dang Sri Annim

# A PROGRESSIVE ENERGY AND SOLUTIONS PARTNER

- Established since 1974, PETRONAS is the custodian of Malaysia's oil and gas resources; and is entrusted with the responsibility of developing and adding value to these resources.
- FORTUNE Global 500 energy company with a presence in over 50 countries.
- As a fully integrated petroleum corporation covering Upstream, Gas and Downstream, PETRONAS operates with the mandate to produce affordable, reliable and greener energy in a sustainable manner.
- PETRONAS is committed to meet the world's growing energy needs in a responsible and holistic manner.



# CONNECTING THE DOTS VIA ENTERPRISE OPTIMISATION CENTRE



Goal



Solution



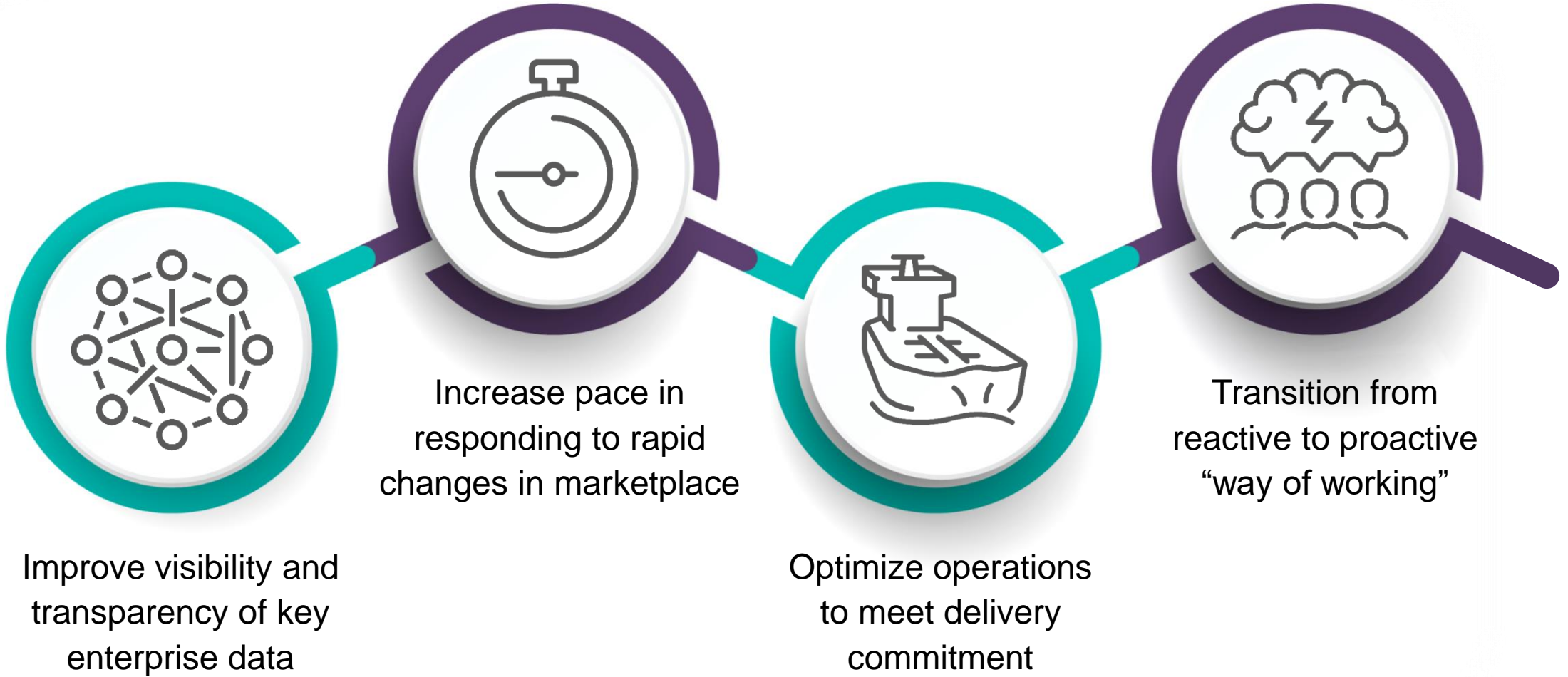
Benefits

A Unified Experience for PETRONAS by providing end-to-end visibility of key enterprise data and insights; enabling value-driven decision making.

Integrated key enterprise data across the businesses and deployed the all-in-one view of PETRONAS enterprise operations

Improve business agility and speed of decision making by providing visibility of optimized operations at enterprise level

# STRENGTHENING PETRONAS RESPONSE TO MAKE CRITICAL CROSS-BUSINESS DECISIONS





# HARNESSING DATA TO DELIVER VALUE THROUGH TECH-DIGITAL PRODUCTS AND SOLUTIONS

**5 billion+**  
PI data points are generated daily

**Multiple tech-digital solutions** leverage on data available in PI historian

Unified  
Experience  
via  
EOC

**650** curated data points from all business sectors

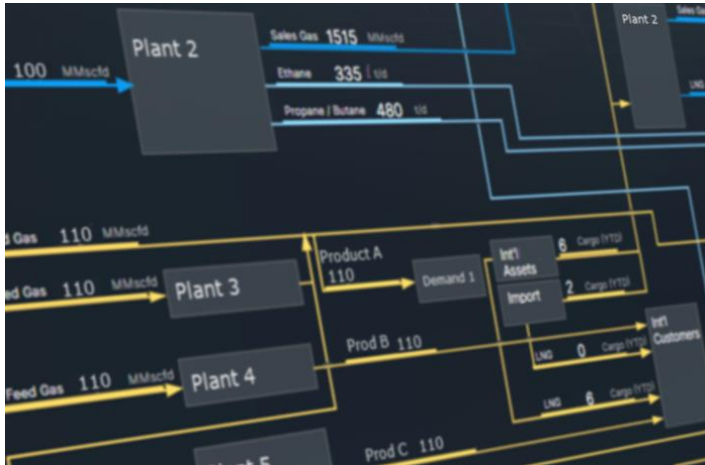
**Custom visualizations** to quickly and effectively troubleshoot

**Accessibility** to broad range of data sources and datasets

# ENTERPRISE OPTIMISATION CENTRE: PHASE 2

## SHIFTED EFFORTS TO FURTHER ENHANCE ENTERPRISE VISIBILITY

### MOLECULE



### COMMERCIAL



### EMISSION



**Assign monetary and CO2e values**  
to each molecule in real-time as it  
traverses the integrated value chain

**Viewing operations through prisms**  
of production excellence, commercial  
performance, and emission impact



# ENTERPRISE OPTIMISATION CENTRE PROVIDE DATA TRANSPARENCY FOR AGILITY IN DECISION MAKING



## Transformational Way of Working

End-to-end visibility of key enterprise data across integrated value chains



## Enhance Business Agility

The scenario planning solution built in EOC provides opportunity to expedite business growth strategies



## Towards Sustainable Operations

Integrating with carbon flows facilitates transparency for decarbonizing efforts



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# Any questions?

Please wait for the microphone.

Do state your name and company as well.



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Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world's most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

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