



16 May 2022

Connecting the Dots

# Enterprise Optimisation Centre

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 by leveraging on our Three-Pronged Growth Strategy.





# CONNECTING THE DOTS VIA ENTERPRISE OPTIMISATION CENTRE

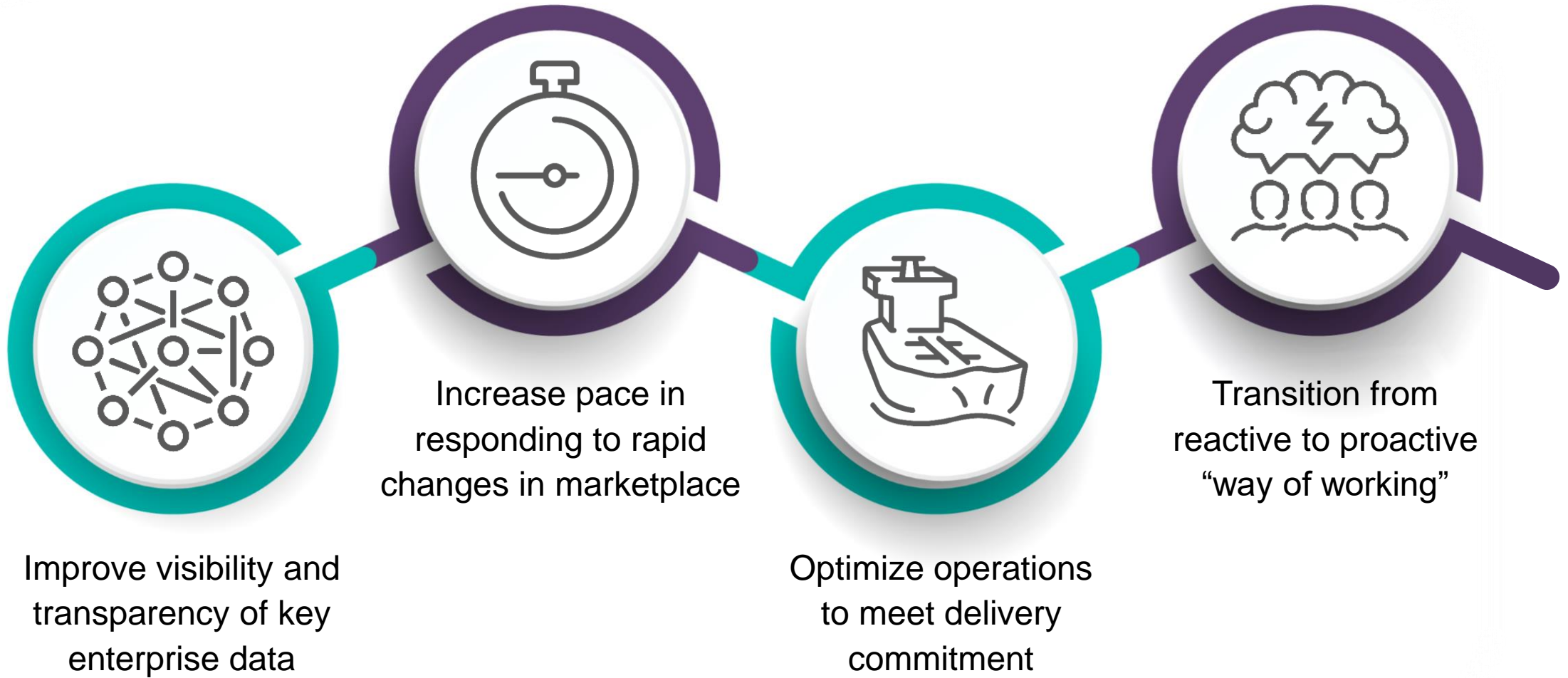


A Unified Experience for PETRONAS by providing end-to-end visibility of key enterprise data and insights; enabling value-driven decision making.

Integrated key enterprise data across the businesses and deployed the all-in-one view of PETRONAS enterprise operations using AVEVA Unified Operation Centre

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+**

AVEVA PI System data points are generated daily

**Multiple tech-digital solutions** leverage on data available in the AVEVA PI System



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

**Custom visualizations** to quickly and effectively troubleshoot

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

AVEVA PI World in Amsterdam 2022

# ENTERPRISE OPTIMISATION CENTRE FOR ENTERPRISE DECISIONS: GUARDRAILS, WORK PROCESS & DIGITAL TOOLS.

Subject Matter  
Experts



Enterprise

Upstream

Gas

Downstream



Key  
Enablers

Business Process

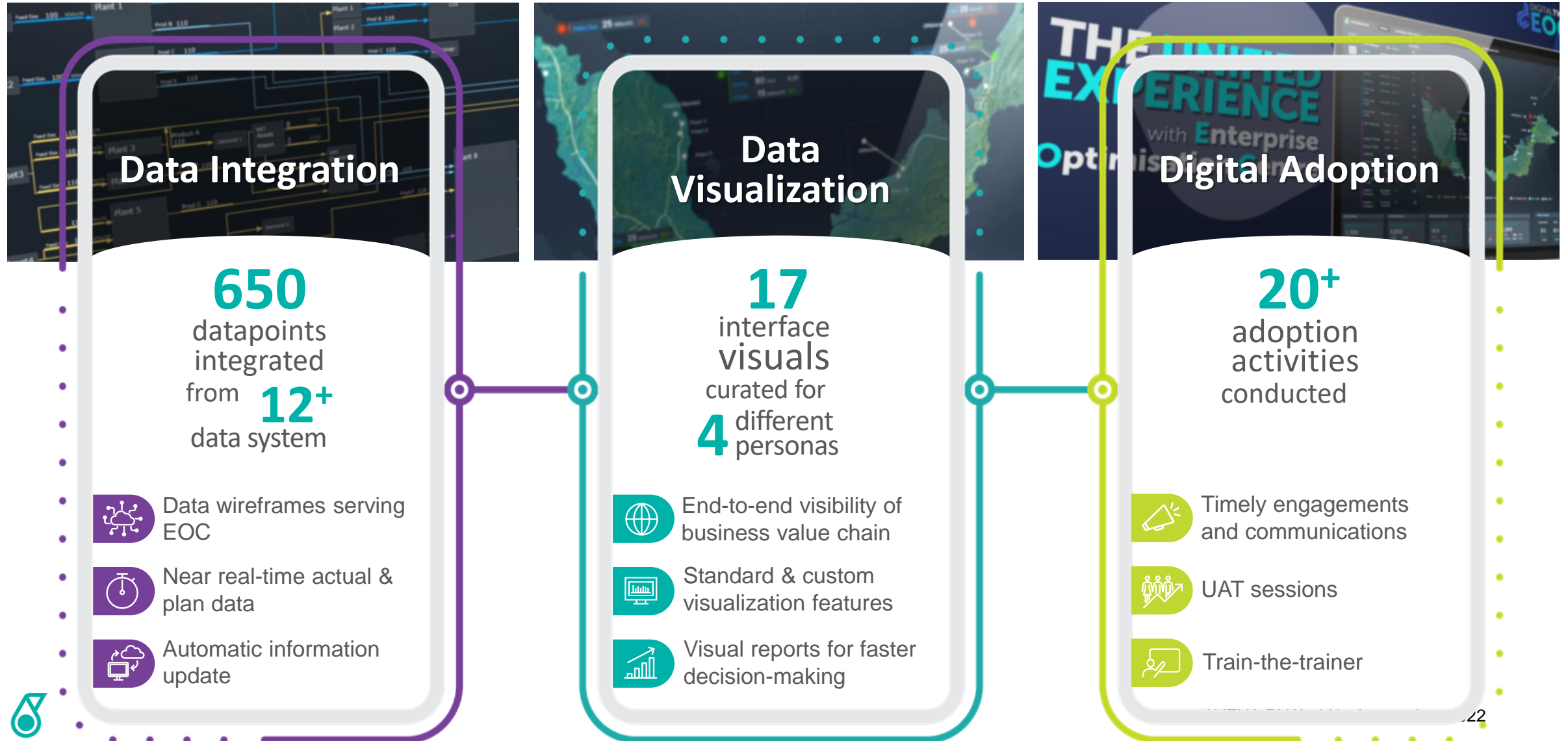
Model

Digital Tools

Data



# ENTERPRISE OPTIMISATION CENTRE: PHASE 1 WAS DELIVERED THROUGH 3 TRACKS IN A TOTAL OF 5 MONTHS



# 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



## Expansion of Use Cases

The foundation built in EOC Phase 1 provides opportunity to expand the use cases



## 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.



**Thank you for your passion!**