

September 28th, 2023

Reimagining Energy Supply, Trading, and Risk Management

Create a data-centric digital ecosystem to unlock value and enable next-generation business capabilities





Your speakers



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Agenda

WHY now – the case for change

WHAT can organisations do

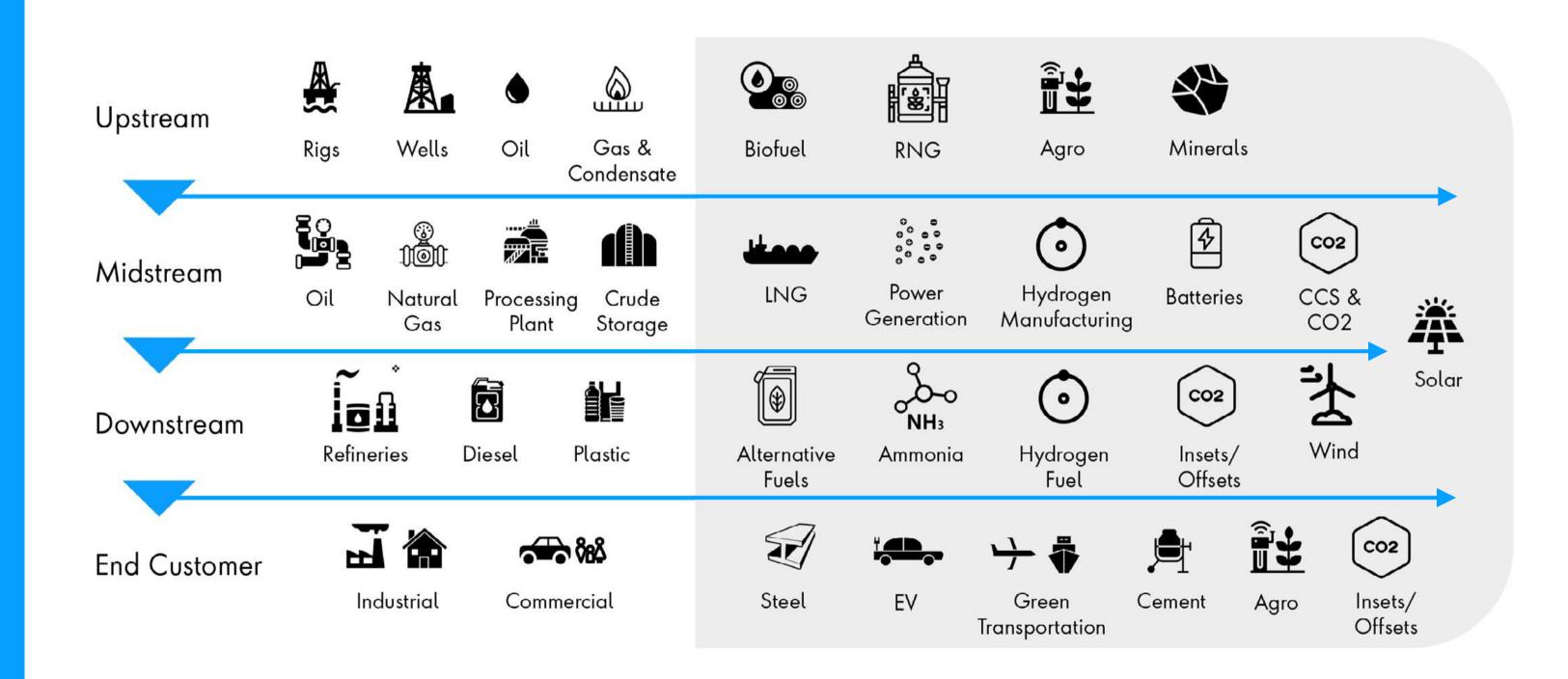
HOW to accelerate your transformation

Complexities of the energy industry

Rapid evolution and interconnected nature of global energy markets.

Need to develop new capabilities and digital pipelines to capture opportunities across geographies and asset types.

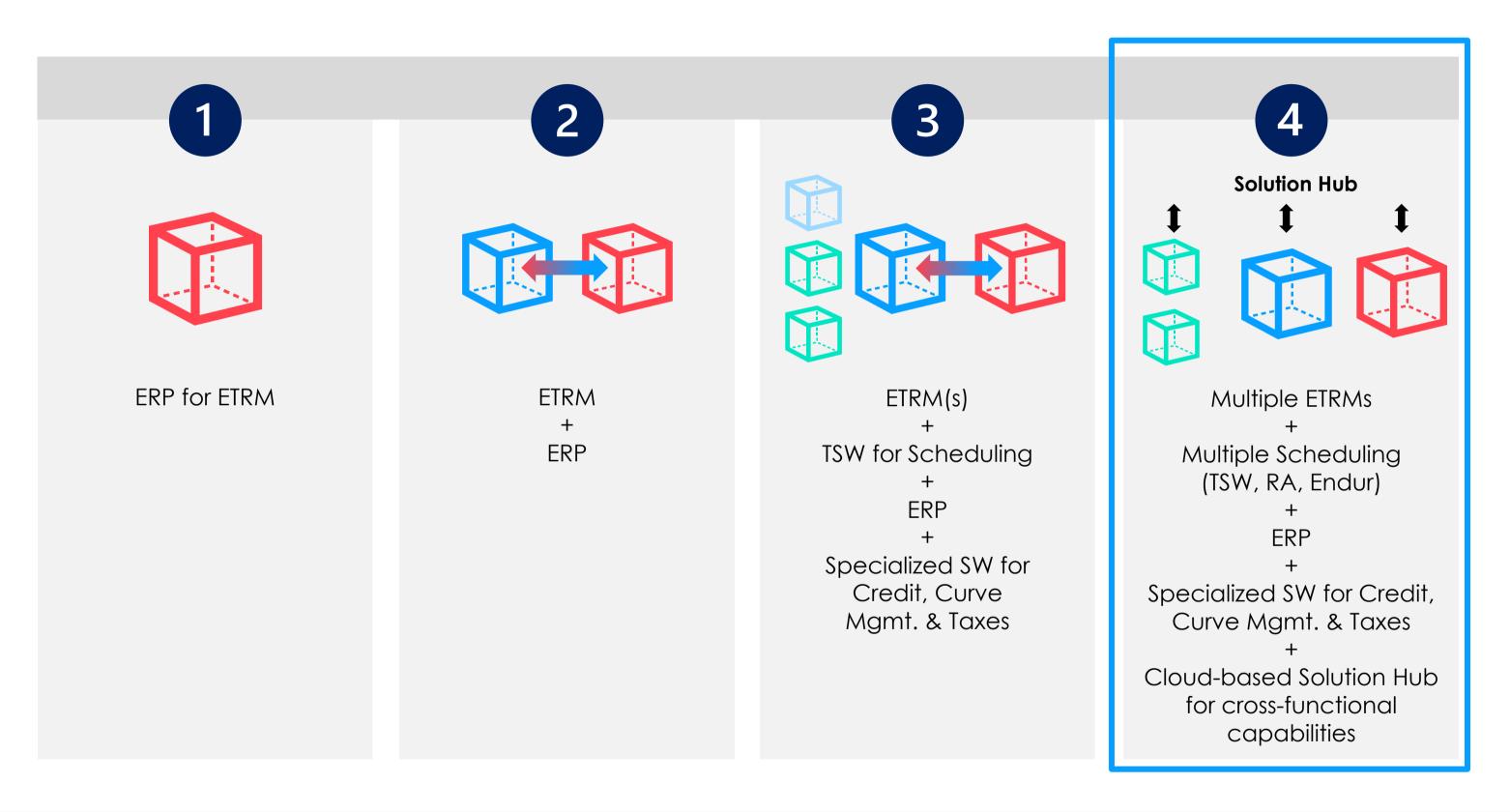
Evolution of the Energy & Commodity Market Landscape



Typical archetypes within Energy & Commodities Trading

Business Solution Archetypes to deliver on the core and advanced capabilities

Different organizations developed different solution archetypes to deliver the capabilities required for the supply & trading organization.



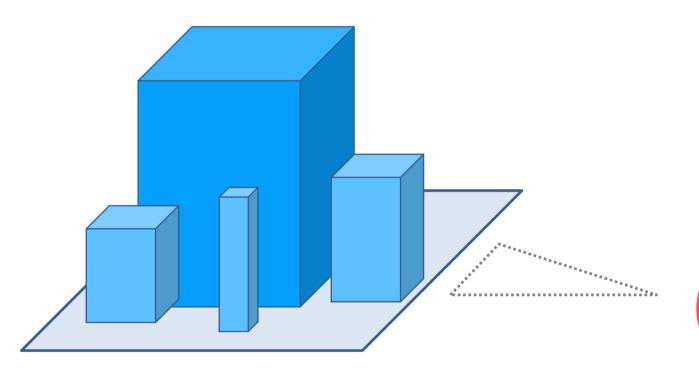
Fundamental Shift in Approach

Moving from capability centric to data centric

A data-centric digital ecosystem unlocks value by improving visibility, enabling agility, increasing efficiency, and enhancing collaboration and innovation.

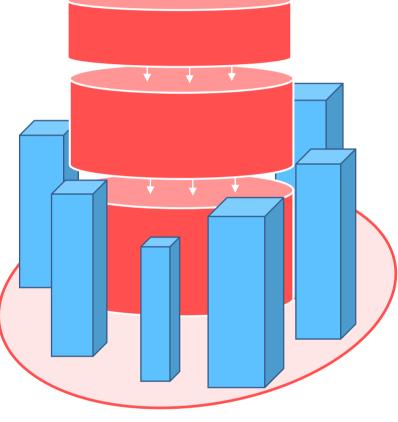
It allows incremental, modular growth in line with business value unlock.

ETRM centric



Functionally rich Centralised Controlled

Data centric



Incremental Self service Open



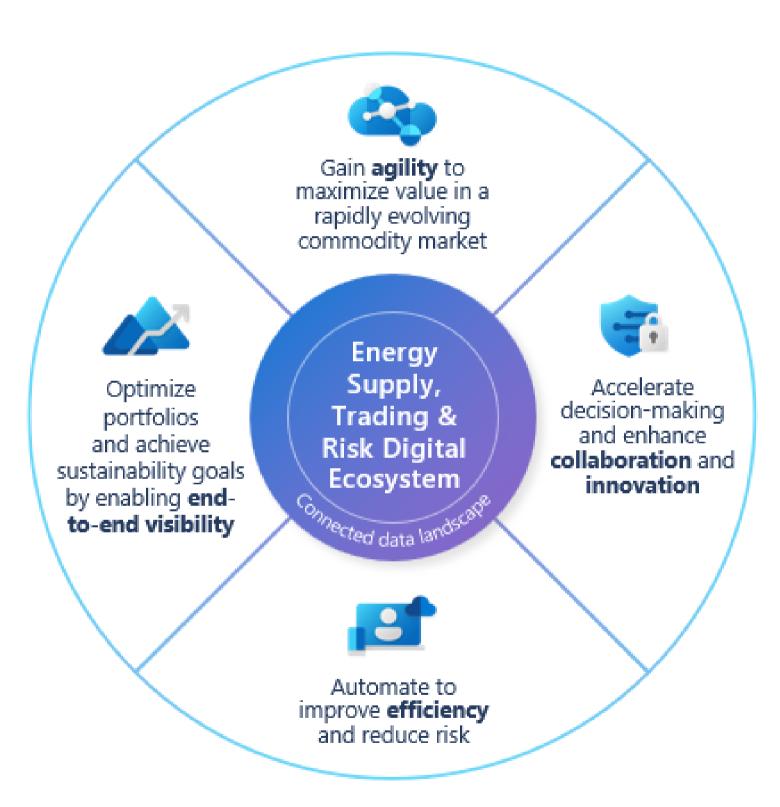


Digital Ecosystem Value Drivers & Opportunities

Transform your Supply and Trading landscape

Re-center systems and processes around a next-generation, connected data landscape.

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Modern Supply and Trading solution framework

Modular architecture capable of supporting multiple CTRM systems.

Improved UX through a multi channel but consistent UI.

Modern data and analytics layer based on an enterprise domain model.

The unavoidable busy diagram....

EXTERNAL

ECOSYSTEMS

MARKETS

Bilateral trading

venues, Exchanges

and Clearers.

DATA & SERVICE

PROVIDERS

Various data &

service providers

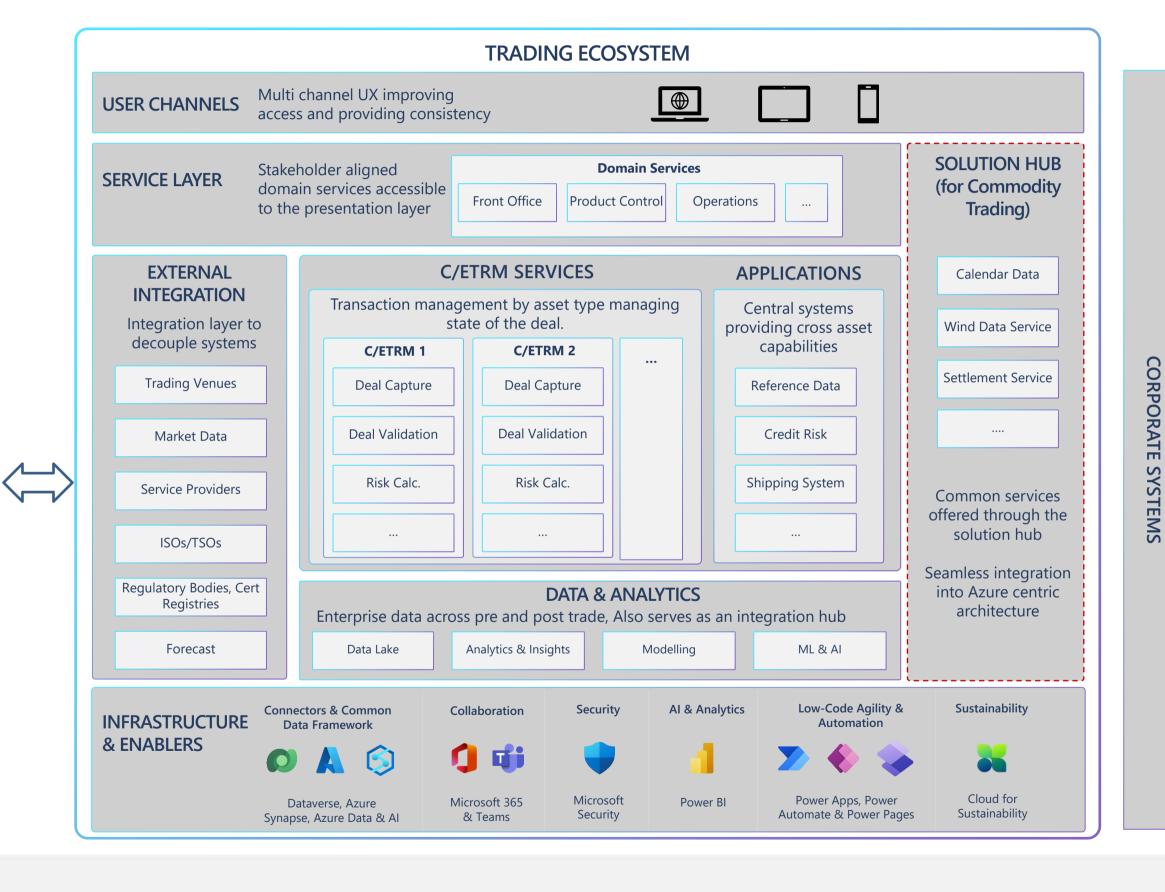
AUTHORITIES

ISOs/TSOs, Regulatory

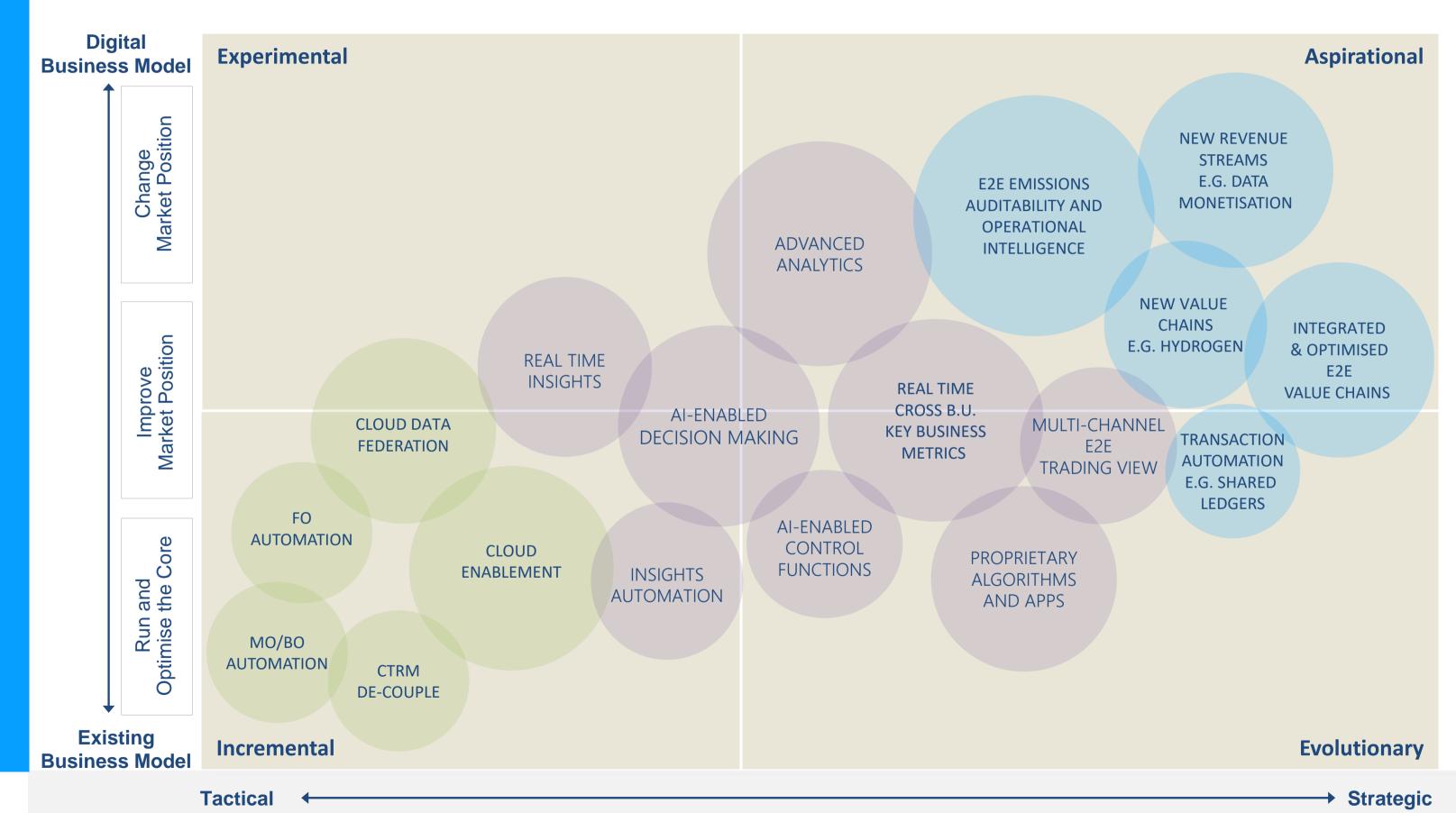
Reporting bodies

and Certificate

registries

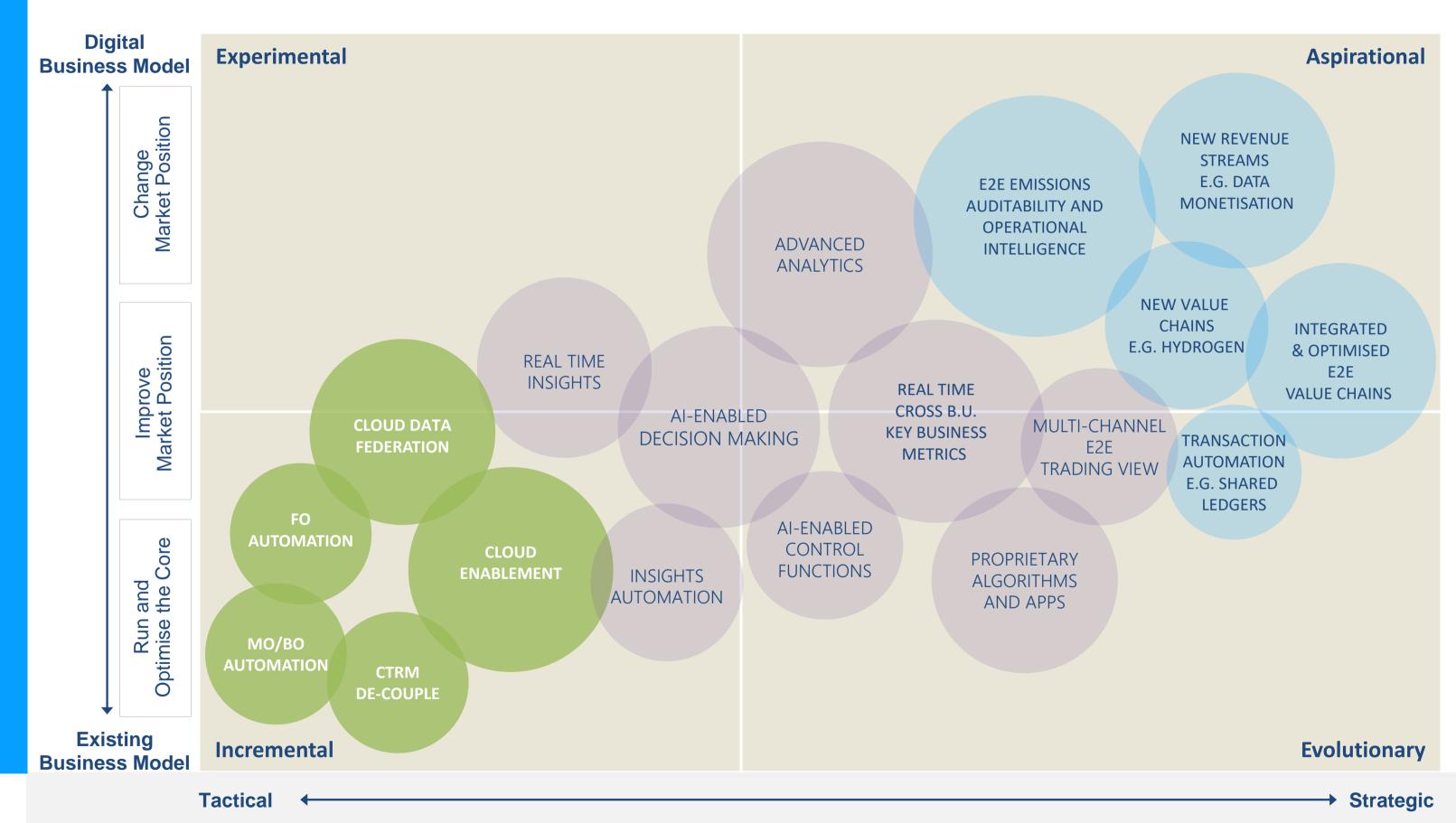


- Improve efficiency and increase agility
- 2 and drive innovation
- Enhance advancedtrading and riskpractices
- Gain full-cycle visibility incl. sustainability
- Grow revenue through new business models





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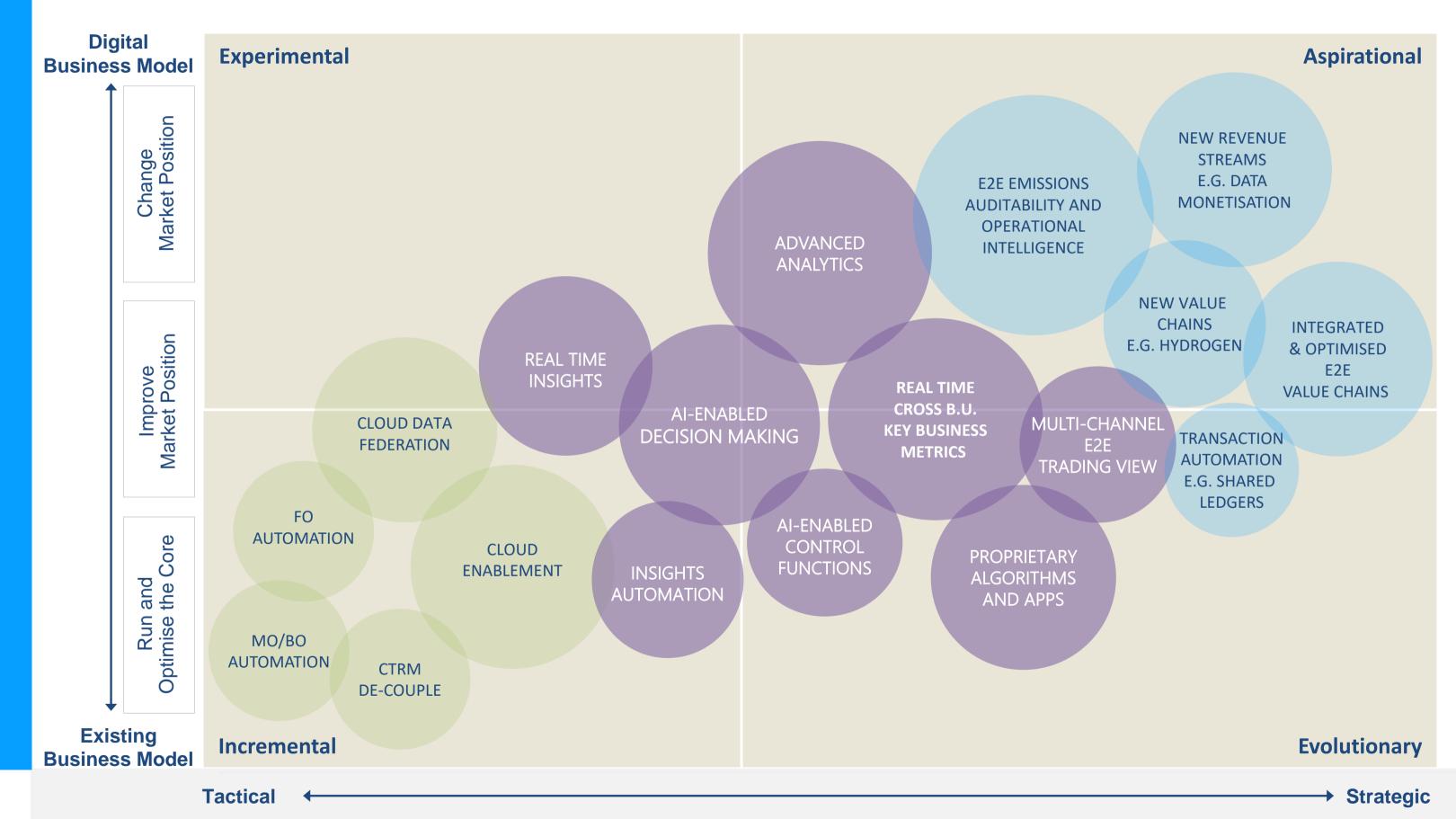




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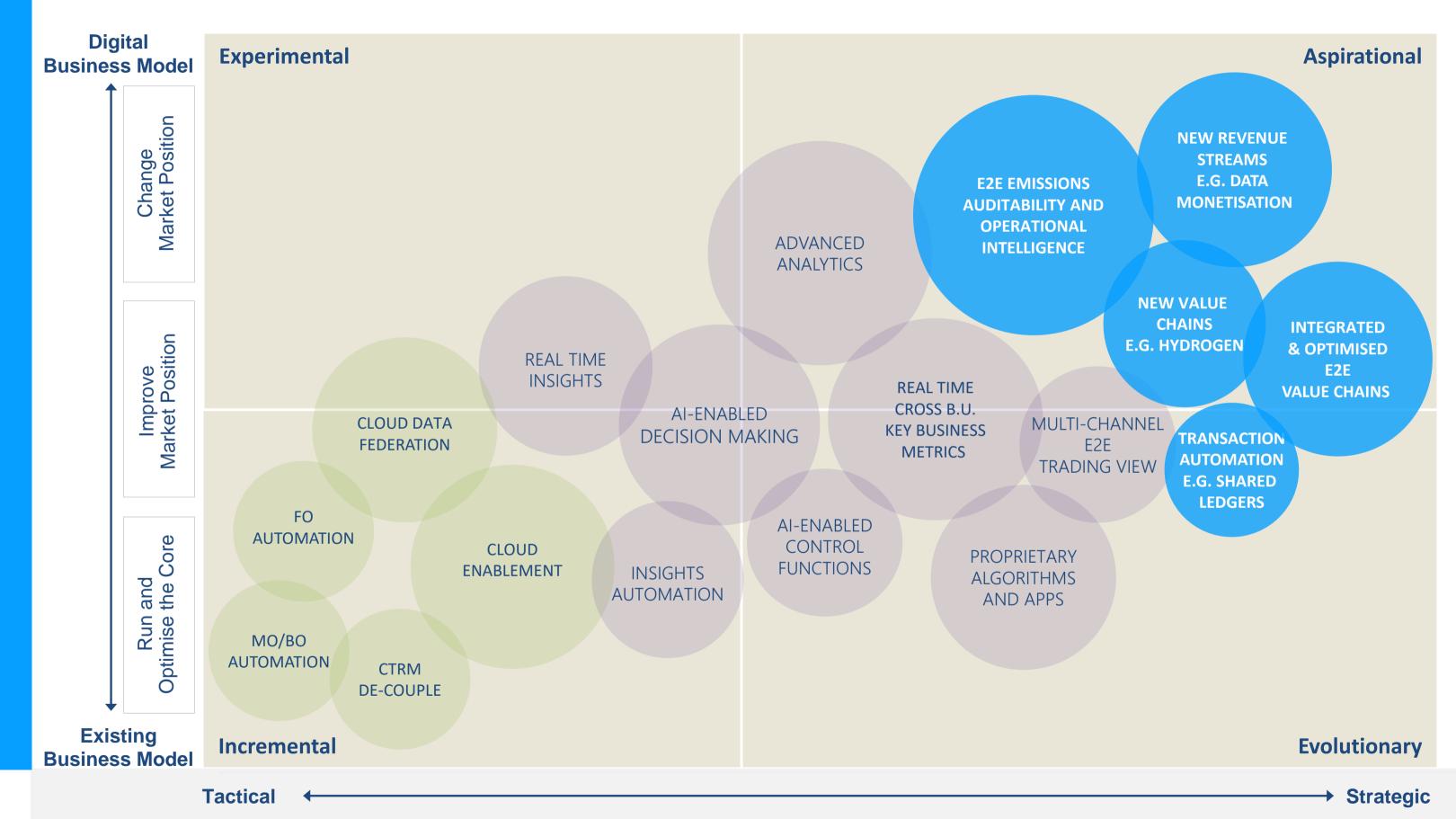
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Other Business Units

A data-centric architecture unlocks Al and Generative Al enabled use cases

Experimentation and value creation with Al and Generative Al enabled workflows across the entire organisation.

Generative AI accelerates innovation across FO, MO, BO and IT

Front Office

Personas

- · Head of Trading
- · Supply Chain / Marketer
- Trader
- · Value Chain Optimizer

ST&R Generative Al Use Cases

- · Demand forecasting
- · Market simulation
- · Price forecasting
- · Sentiment analysis
- · Policy and regulatory impact
- Optionality and arbitrage opportunities

Middle Office

- CRO
- Market & Credit Risk Managers
- Contracts Manager
- · Scheduler & Operator
- · Credit ratings & scoring
- · DOA & credit limits assessment
- Contract generation and reviews
- Risk policy violations
- Bid & offers
- · Automated Hedging

Back Office

- CFO
- · Accounting Manager
- Regulatory Manager
- Automated reconciliation reporting
- Invoice matching
- Multi-variable data quality checks
- · Management reporting
- · Financial statement generation
- Regulatory Reporting

Engineering & Product Management

Personas

Generative AI Use Cases CIO
 Head of IT

Platform Leads

Engineers, QA

PM

Product Managers

Co-pilots for GitHub, Development, Product management etc. i.e. prompt co-pilots to create content, apps

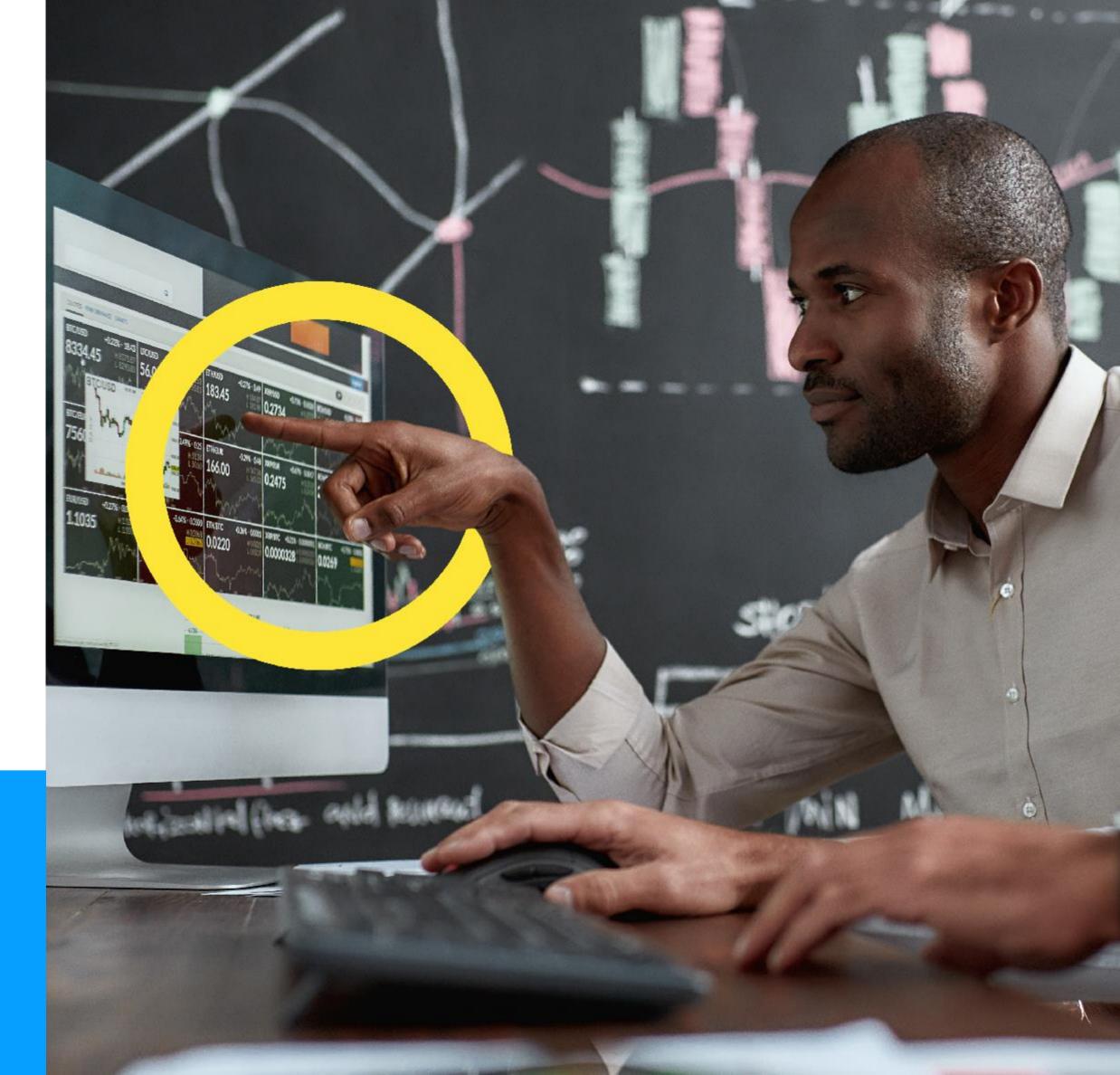
Co-pilots for M365, BI, Information Discovery. i.e. analysis of disparate documents, visualisations, reporting etc.





Accelerate your digital future

THANK YOU



Reimagining Energy Supply, Trading & Risk Management e-book – *now available!*





