



Enterprise Innovation **Futures Report**

2025

Objectives

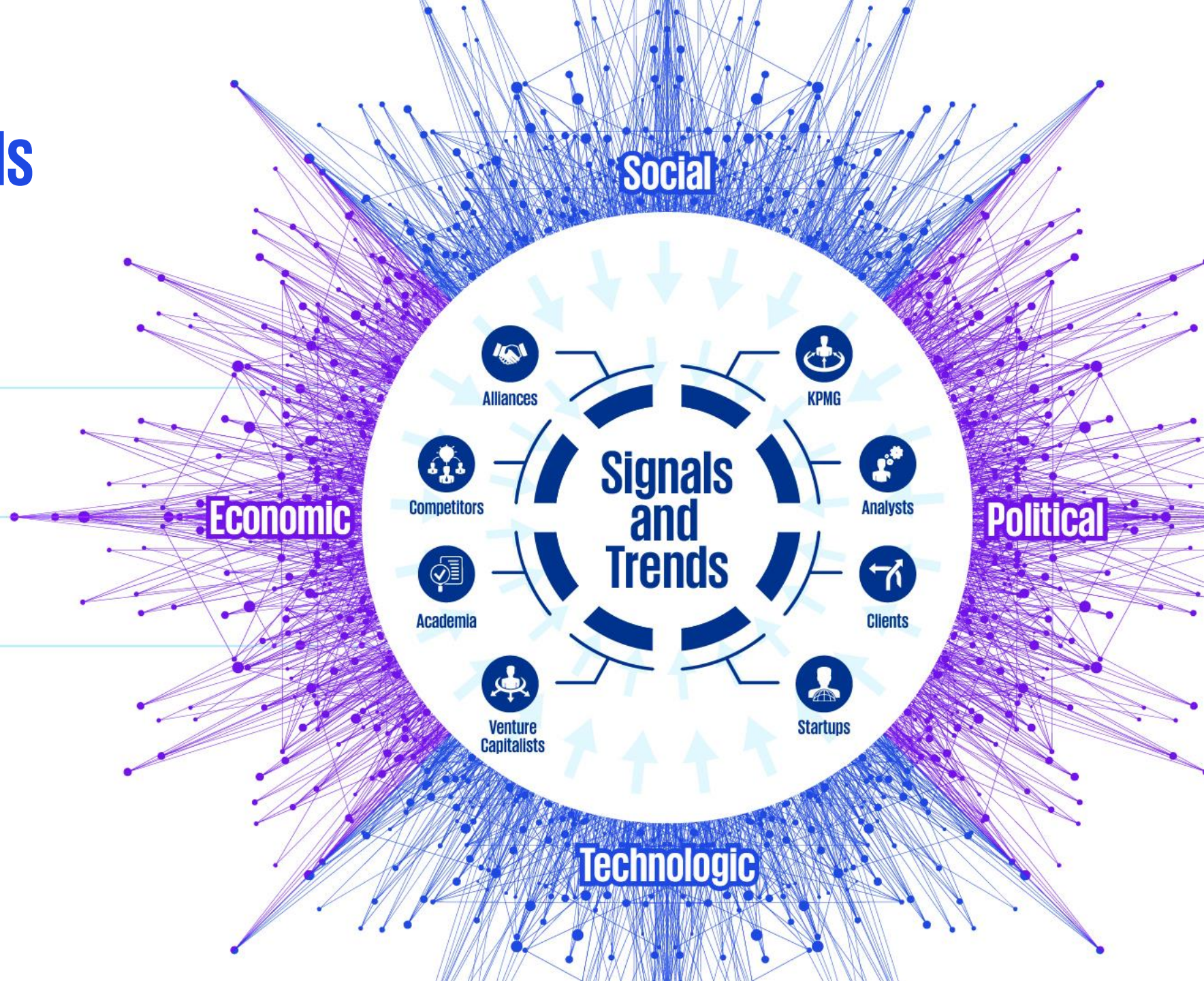
1. Provide value and context for Frontiers of Enterprise Innovation
2. Understand the implications to the firm
3. Recommended actions to leverage 2025 Futures Report

Understanding signals and trends

Signal Scoring

Trend Identification and Scoring

Trends Validate Frontiers

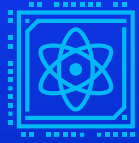


The Great Convergence

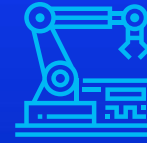
An overview of the Seven Frontiers that will bring a wave of innovation unlike any time before.



Path to ASI



Quantum Computing



Advanced Manufacturing



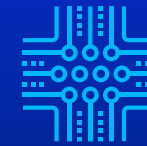
Environmental Resilience



Computing Infrastructure



Space Economy



Digital Assets





Trend **01**

The Rise of AI Agents

Shift from prompt-based tools to systems that reason, plan, and act independently.

Trend **02**

Long-term Memory & Continuous Learning

Agents now “remember” prior interactions, learn, and adapt.

Trend **03**

Scaling for Foundational Intelligence

Modern models demonstrate early signs of abstraction, reasoning, and learning without task-specific programming.

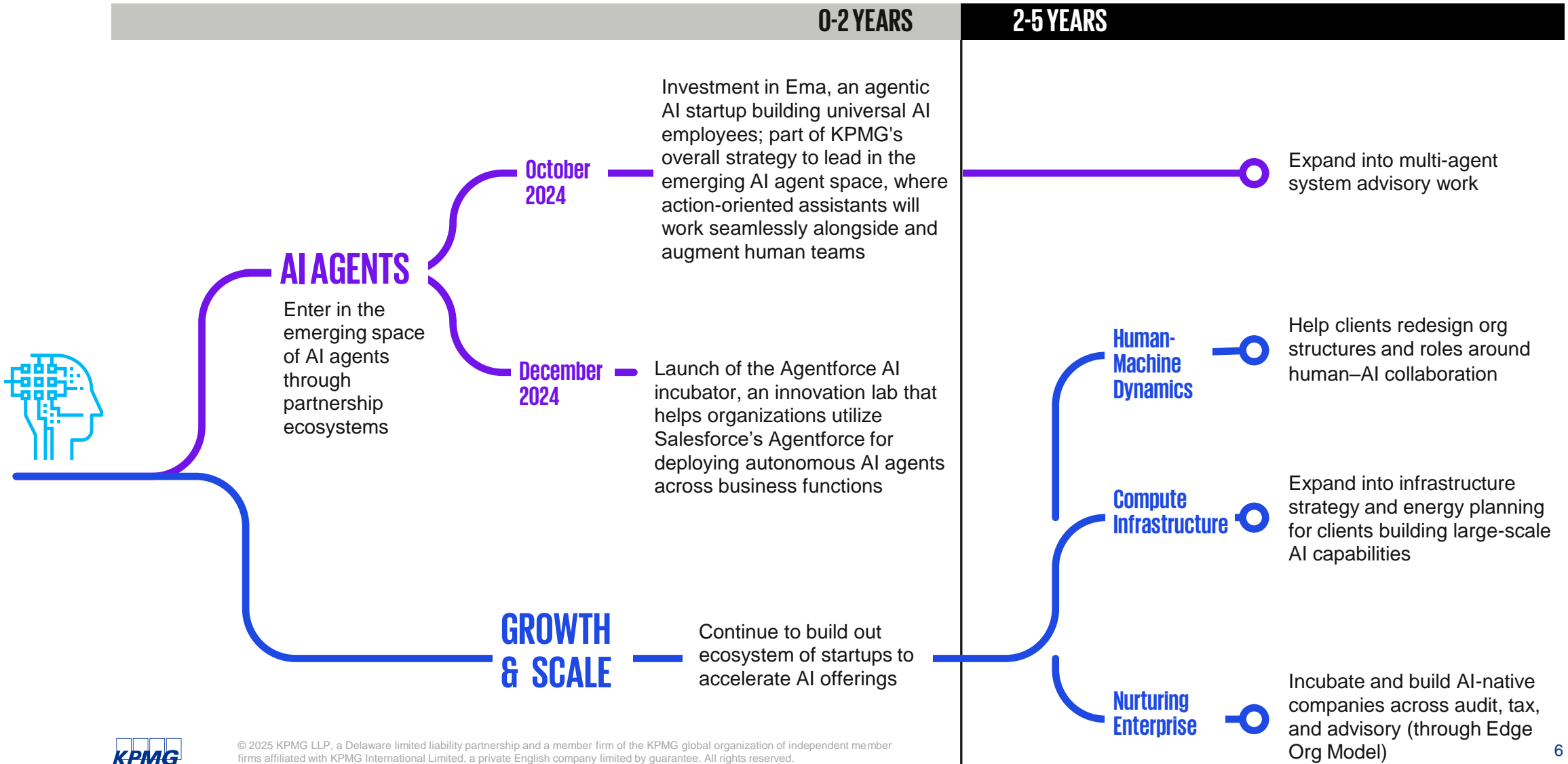
Trend **04**

Responsible & Ethical AI Development

To ensure that AI systems are reliable and trustworthy, rigorous testing and validation are required.

The Path to ASI

Implications





Computing Infrastructure Market Dynamics

Projected Market Value: **\$120 B / 2030**

Growth Rate: **12%**

Data Centre & Network News, Global data centre infrastructure market worth \$120bn by 2030

Trend **01**

AI-Native Infrastructure's Transformative Power

AI becomes the primary workload, requiring organizations to re-evaluate enterprise tech stacks.

Trend **02**

Energy and Efficiency Drive Strategy

Businesses scale their data centers and energy strategies to meet AI's power needs and achieve long-term efficiency.

Trend **03**

Infrastructure Resilience as a Financial Imperative

Firms that demonstrate infrastructural resilience against AI-driven cyberattacks find favor with capital markets and regulators.

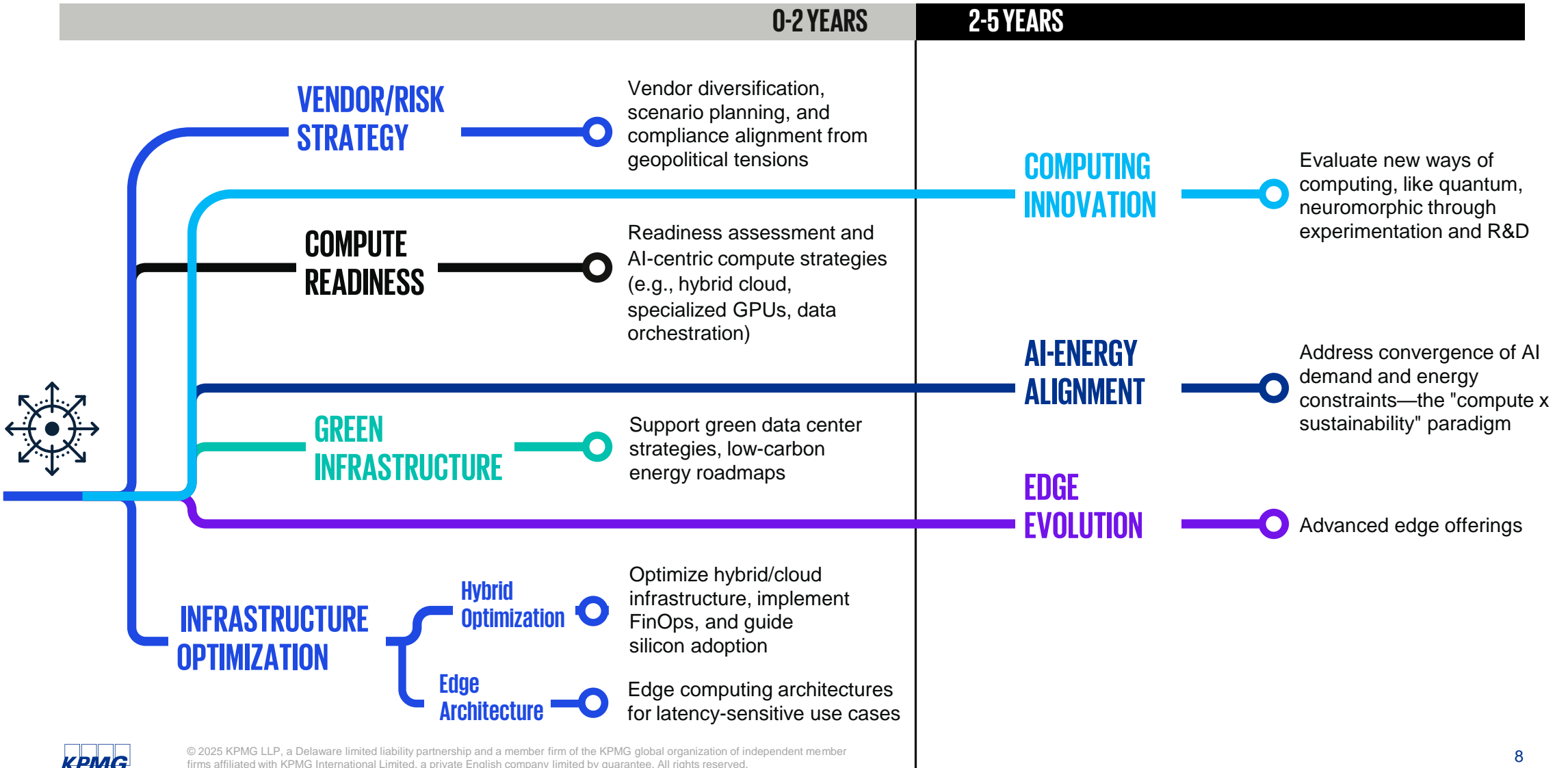
Trend **04**

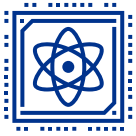
Next-Generation Computing Driving a Hybrid Future

Businesses must strategically integrate classical, cloud, edge, quantum, and neuromorphic computing to meet workload demands.



Computing Infrastructure Implications





Quantum Computing Market Dynamics

Projected Market Value: **\$5.3 billion / 2029**

Growth Rate: **32.7%**

Data Centre & Network News, Global data centre infrastructure market worth \$120bn by 2030

Trend **01**

Unprecedented Breakthroughs

Hybrid models provide researchers with potential use cases across optimization, logistics, cryptography, materials science, and complex simulations.

Trend **02**

The Rise of Quantum Risks

Quantum computers pose threats to current encryption standards and can compromise common algorithms like Rivest-Shamir-Adleman (RSA) and Elliptic Curve Cryptography (ECC).

Trend **03**

Quantum-Accelerated AI Capabilities

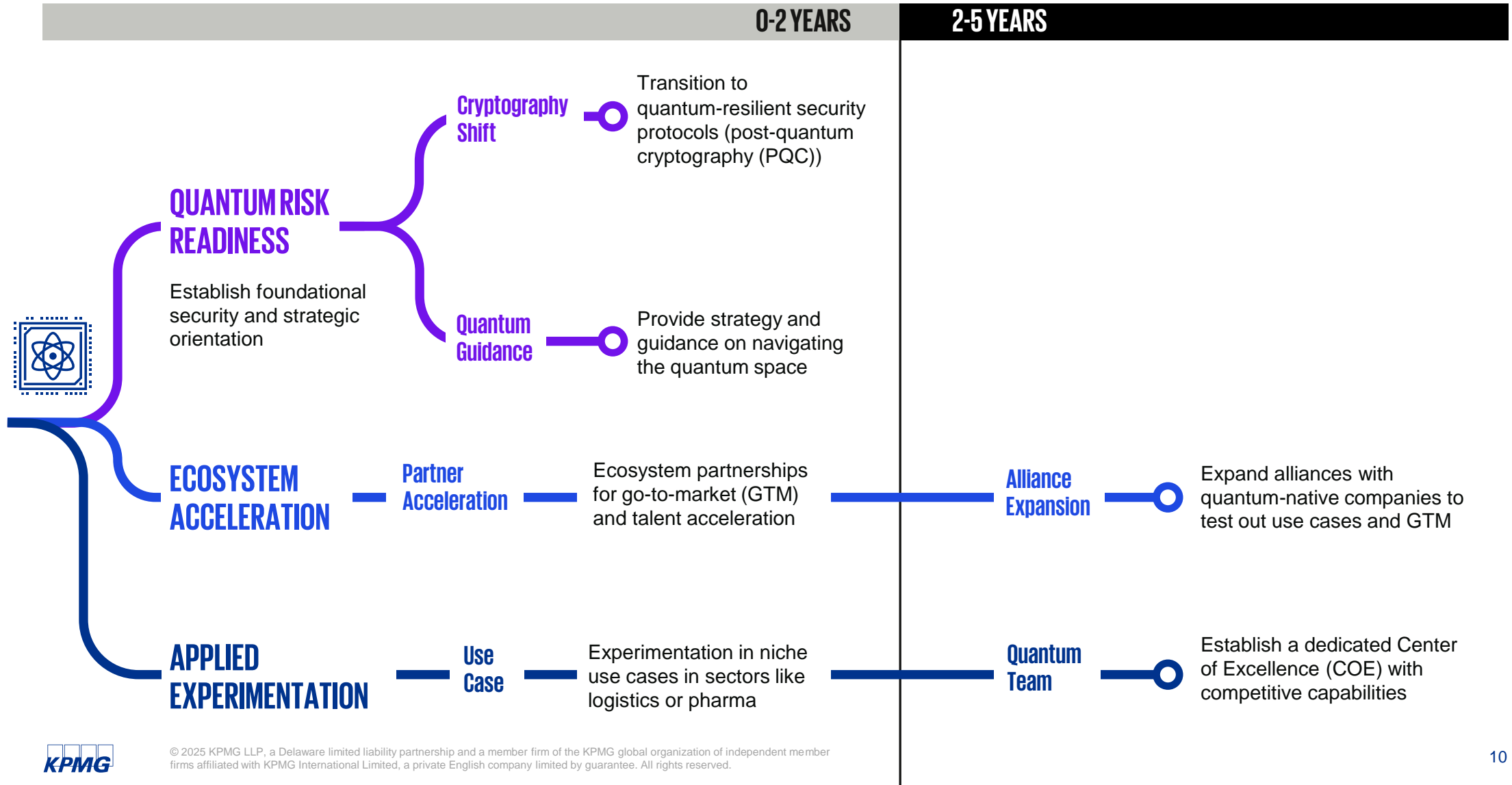
The combination of quantum technology and AI is set to transform various industries.

Trend **04**

Building Geopolitical Momentum

Quantum's potential to transform industries, bolster national security, and stimulate economic growth will reshape international relations.

Quantum Computing Implications





The Space Economy Market Dynamics

Projected Market Value: **\$1.4-1.8 trillion / 2035**

Growth Rate: **9%**

The World Economic Forum Report: Space:
The \$1.8 Trillion Opportunity for Global Economic Growth

Trend **01**

Space For All

Lowered launch costs enable market democratization.

Trend **02**

Cross-Sector Alliances

The convergence of public, private, and military sectors creates a hybrid ecosystem.

Trend **03**

Growing Value

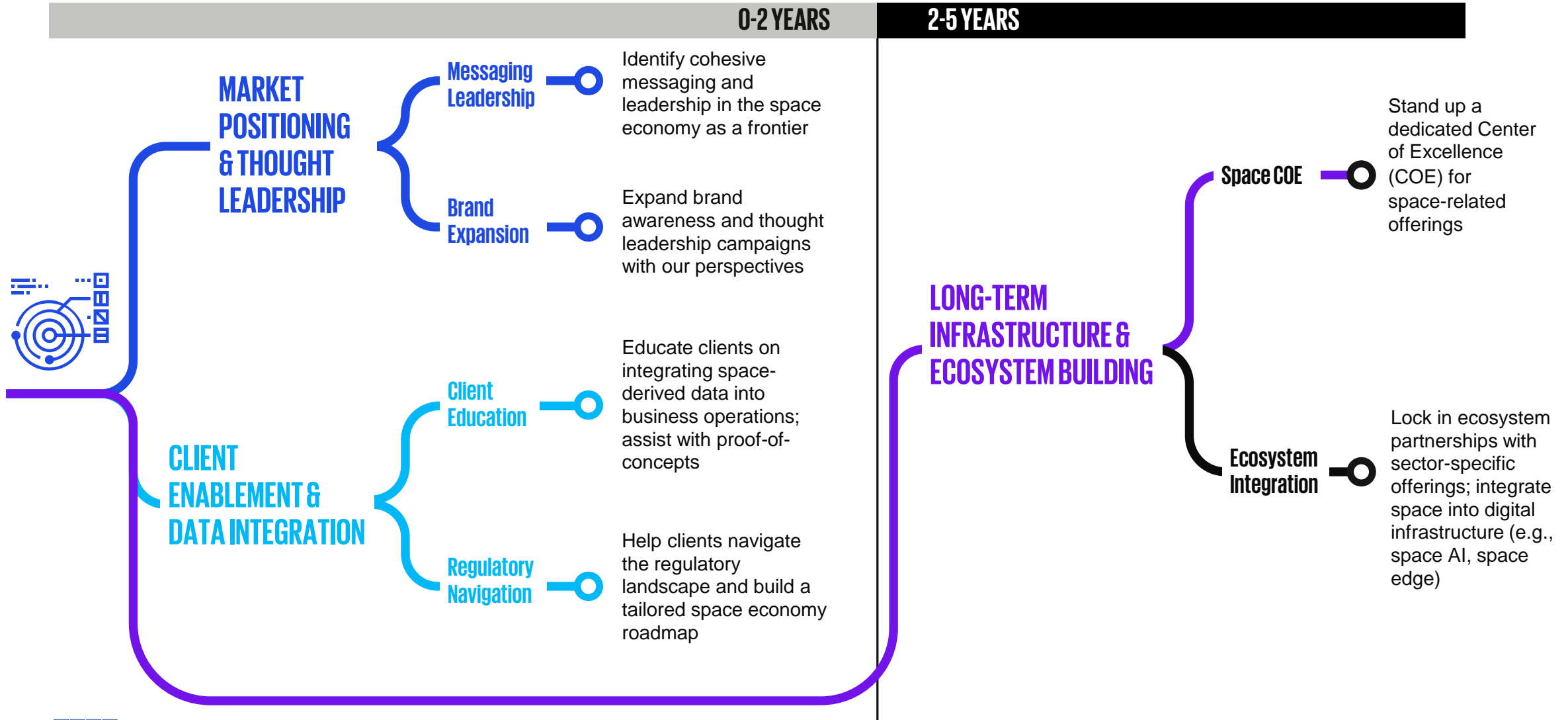
Data from space offers a powerful means to uncover more precise forecasts across sectors, from supply chain to agriculture.

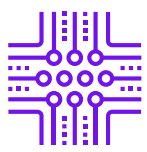
Trend **04**

Regulatory Wild West

Evolving and inconsistent regulations create opportunities for innovation and compliance risks.

The Space Economy Implications





Digital Assets

Market Dynamics

Projected Market Value: **\$10.9 trillion / 2030¹**

Growth Rate: **14% to 18% / 2024-2030²**

- 1. Grandview Research, Market Report Analysis, Report ID: GVR-1-68038-327-0
- 2. Roland Burger, Capturing the multitrillion-dollar Digital Asset market, Strategies to win the race.

Trend **01**

Tokenization of Real-World Assets

Tokenizing physical and financial assets enhances market efficiency and liquidity.

Trend **02**

Banking's Evolution in the Digital Asset Era

Traditional financial institutions are integrating blockchain and DeFi solutions into core business models.

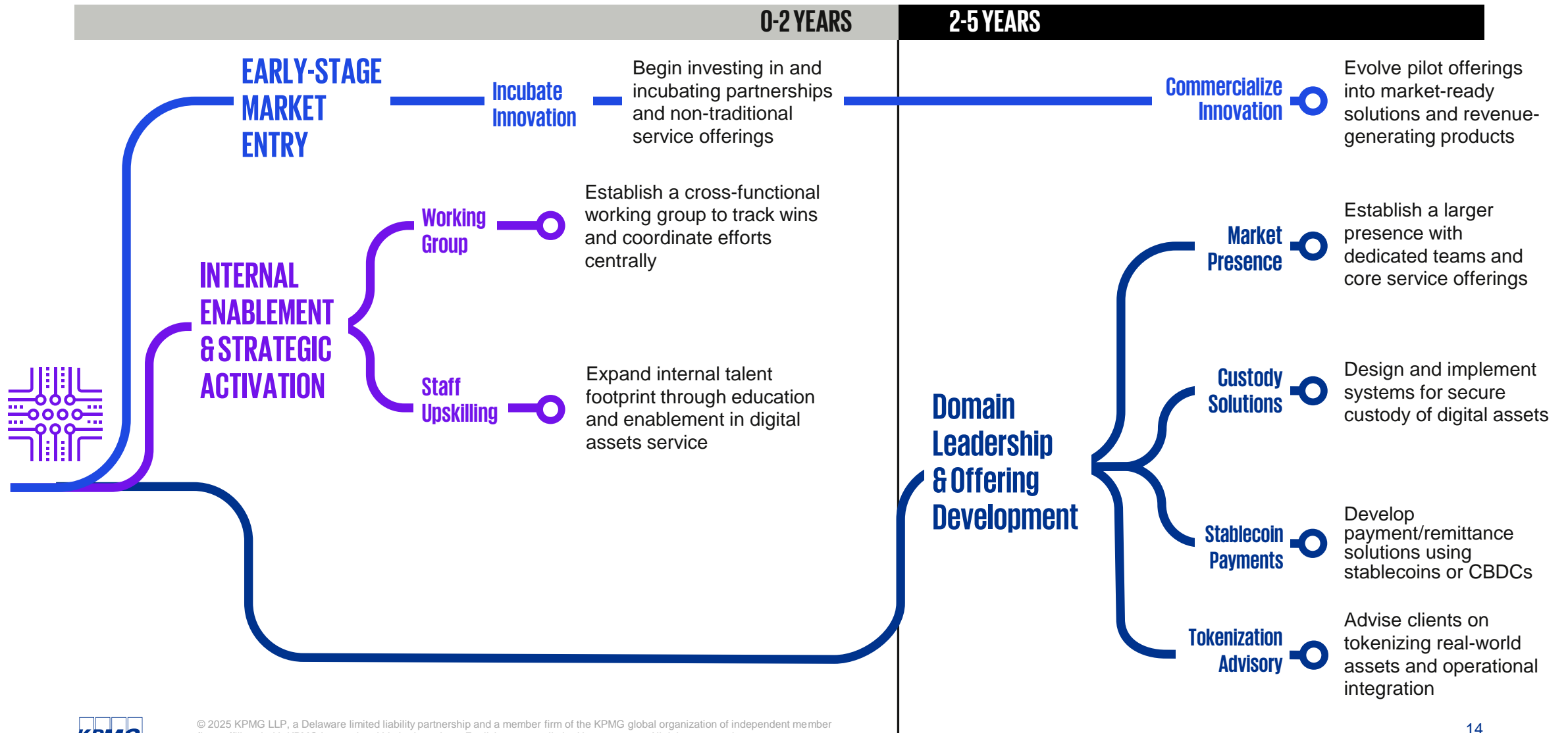
Trend **03**

Converging Financial Technologies

Integration of AI, blockchain, and automated finance improve efficiency.



Digital Assets Implications





Environmental Resilience Market Dynamics

Projected Market Value:

Climate Adaptation Market
51.24 billion / 2030

Growth Rate:

10.5% / 2024-2030

Grandview Research, Market Report Analysis,
Report ID: GVR-4-68040-431-0

Trend **01**

Turning Climate Data into Resilience

Incorporating AI into climate risk evaluation models enables businesses to prioritize mitigation strategies.

Trend **02**

Combatting Climate Risks

Businesses are rethinking their physical structures to withstand environmental disasters.

Trend **03**

Adaptive Supply Chain Readiness

Proactive organizations are implementing predictive analytics and real-time monitoring tools to increase resilience.

Climate Resilient Technologies Market

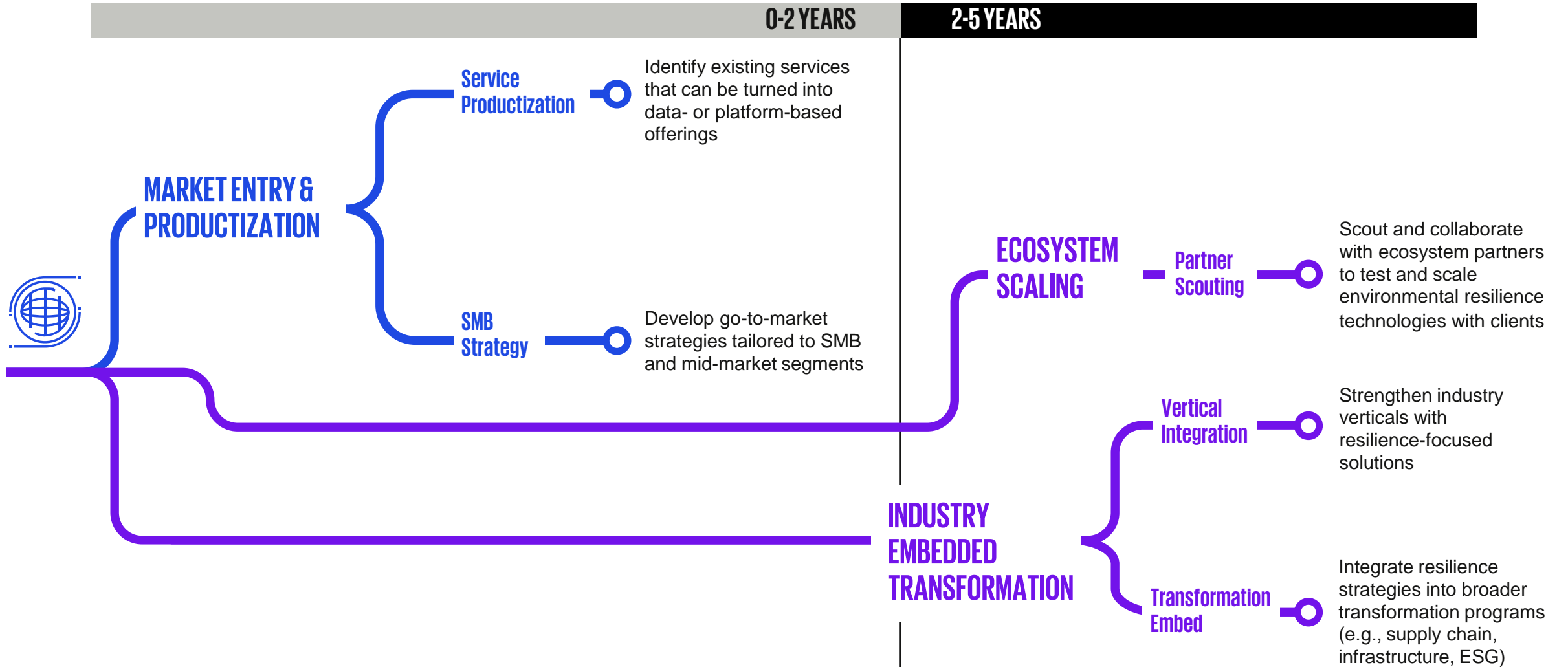
86.13 billion by 2033

17.9%

Persistence Market Research, Climate Resilient
Technologies Market, July, 2023, Report ID
PMRREP32983



Environmental Resilience Implications





Advanced Manufacturing Market Dynamics

Projected Market Value: **\$754.25 billion / 2030**

Growth Rate: **15.87%**

Factview Research, Global Advanced Manufacturing Market Size, Dec 2023

Trend **01**

Reshoring & Supply Chain Reconfiguration

Organizations are shifting toward domestic and nearshore production in response to rising global tensions.

Trend **02**

Policy-Driven Growth

Federal initiatives are reshaping capital allocation.

Trend **03**

Smart Manufacturing Transformation

Manufacturers use real-time analytics, AI predictive maintenance, and autonomous operations to boost productivity.

Trend **04**

Workforce Transformation

As manufacturing faces a severe workforce shortage, focus is shifting to AI-augmented labor.

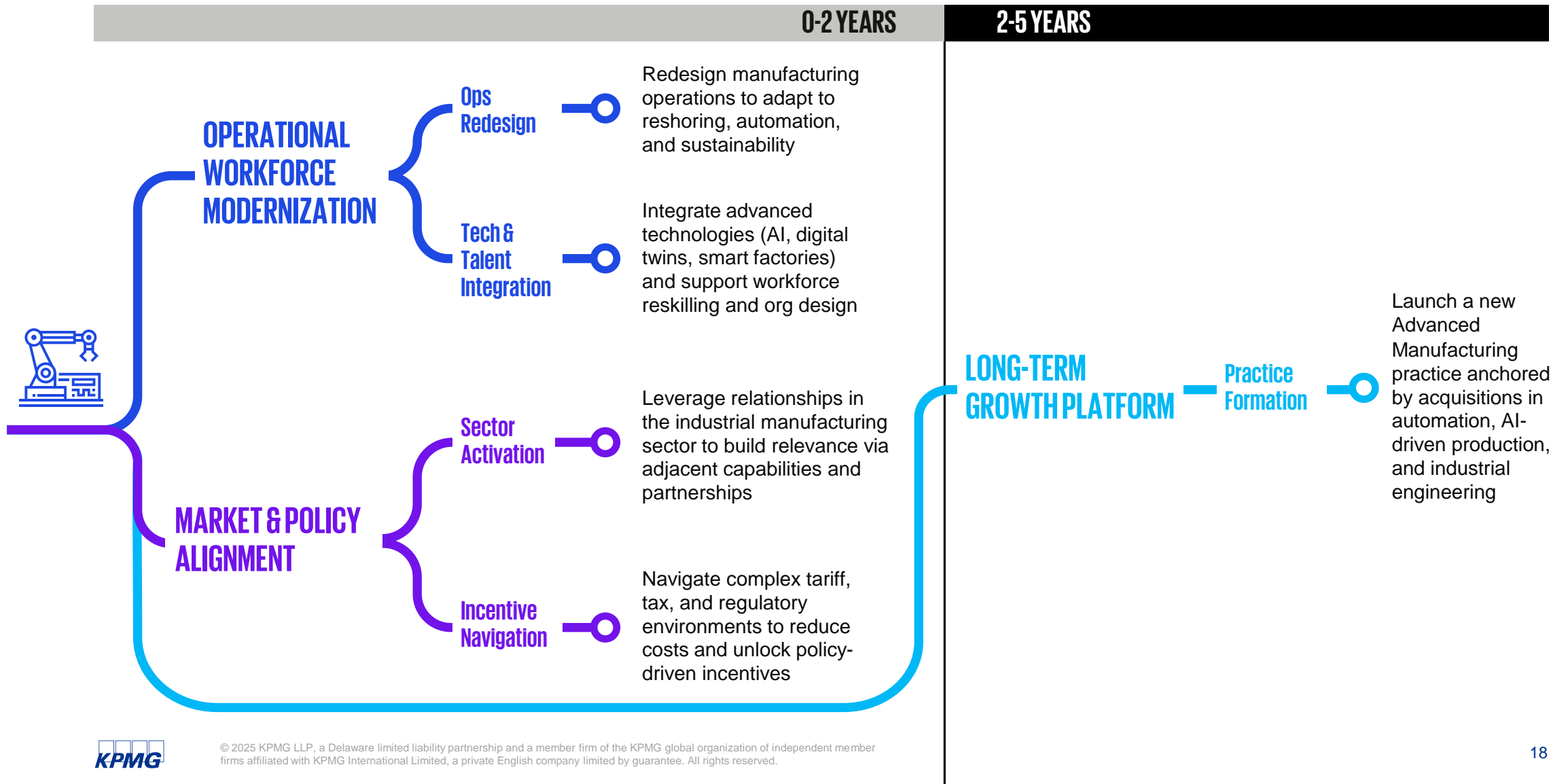
Trend **05**

Sustainable Manufacturing

Companies are adopting sustainable production in response to regulatory and investor pressure.



Advanced Manufacturing Implications



See beyond the next quarter. Shape the next decade.

**Download the 2025 Futures Report
to unlock foresight that drives growth.**

Enterprise Innovation's latest analysis reveals the converging forces reshaping industries—AI, quantum, climate risk, computing infrastructure, space, and more.

It's built for business leaders; this isn't a tech trends report. It's a practical guide to help you and your clients forecast with confidence, respond to volatility, and lead through transformation.





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