

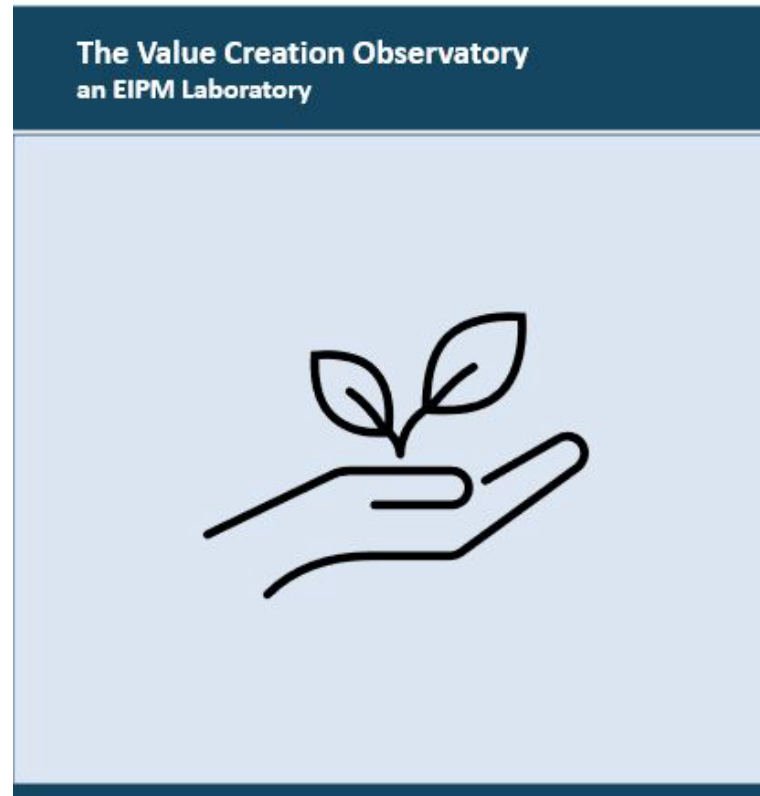


2023

EIPM Webinar Triple AI Supply Chain

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Short announcement



Decarbonation
A change management challenge

MEQ GROUP

EIPM
The source for Excellence

Welcome to our speakers



Herve Legenvre

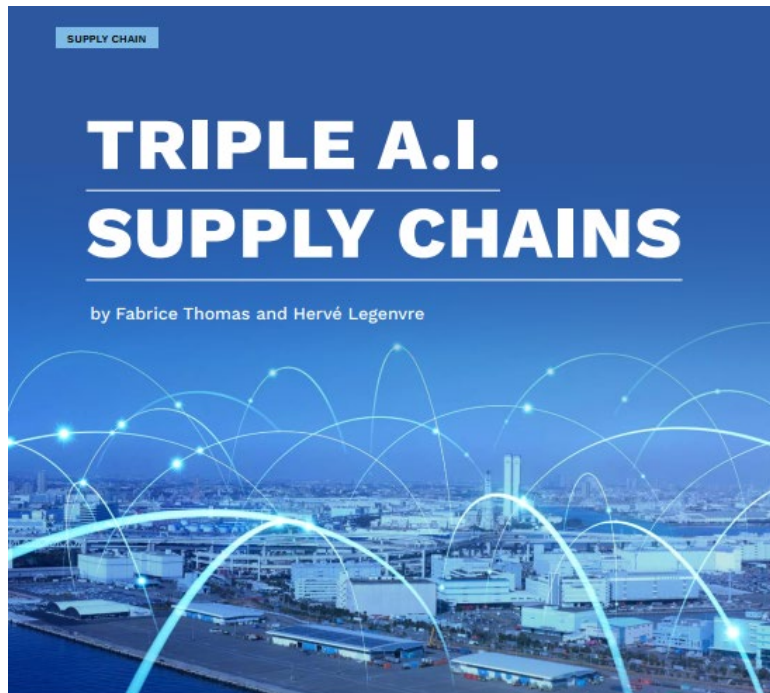


Patrick Lemoine



Fabrice Thomas

Triple AI supply chain



Hau L. Lee, a Stanford professor described high performing supply chains back in 2004 as Agile, Adaptive and Aligned. Agile refers to the ability of supply chains to face daily uncertainties and variations, adaptability refers to the ability to adjust to more significant changes over time; and aligned refers to the quality of the relationships with partners along the chain that contribute to delivering sustainable performance. While the triple A framework is as relevant as ever for supply chain leaders, in this article we put forward the concept of Triple A.I. supply chains

as Agile, Adaptive and Aligned needs to be complemented by Informed, Interconnected and Intelligent supply chains. In a nutshell, this means that information gathered along and beyond the supply chain are combined into short, mid, and long-term insights and scenarios that facilitate human decisions (see figure 1).

Decision-making within the supply chain needs to address different time horizons. First, within a short-term time lens, a supply chain needs to be agile and informed, allowing all teams to orchestrate the supply chain in real time. Acting as an effective control tower impacts

Back in 2004 L. Lee, a Stanford Professor described high performing supply chains as

Agile, Adaptive and Aligned

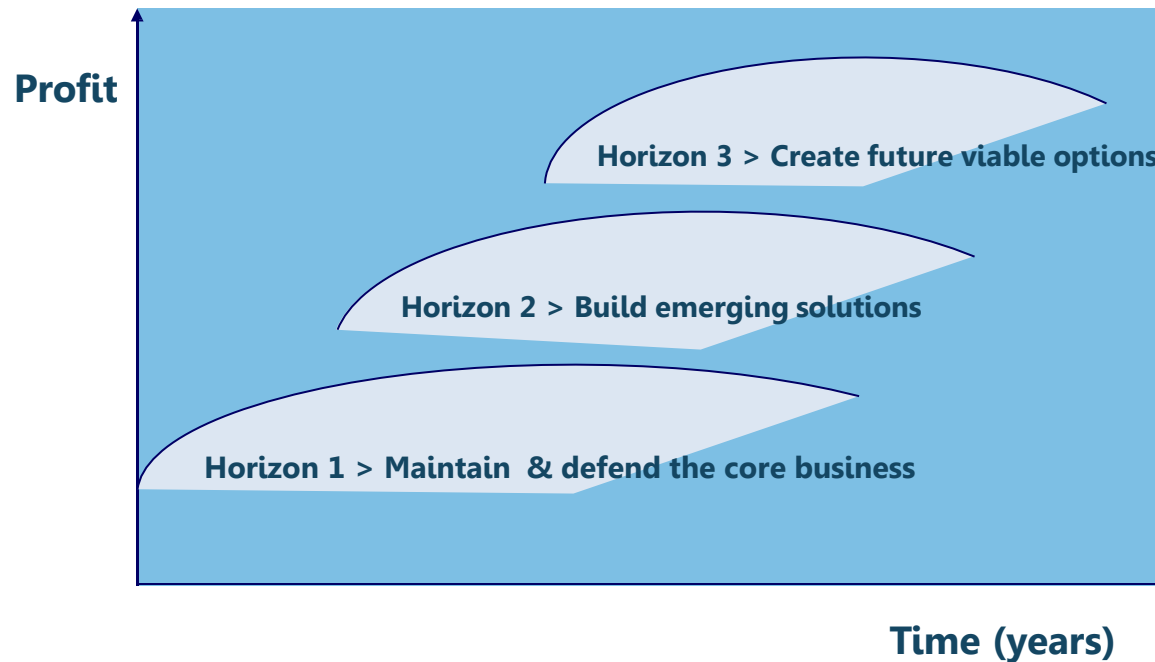
We extended this to form the Triple A.I. logic

- Agile and informed
- Aligned and Interconnected
- Adaptive and Intelligent

We will share the article with you with the Webinar recordings and these slides

Triple AI supply chain

McKinsey Three Time horizons



Adaptative and Intelligent
Long-term: Transform

Aligned and Interconnected
Mid-term: Evolve and change

Agile and Informed
Short term: Fix & Improve

How many opportunities do you manage in each horizons?

The Three Time horizons and SC
How fast is your supply chain changing?
Can you deliver on the three horizons

Triple A.I. and its impacts

Figure 1: Triple AI Supply Chain



Fabrice and Patrick Perspectives

Fabrice

Why is triple AI important?

How can we enable such transformations?

What is expected from technology today?

Patrick

Why is triple AI important?

What has changed over time?

What technology can do today?



STIMULATING ECONOMIC GROWTH, AUGMENTING SUSTAINABILITY'

Fabrice Thomas

SVP Global Supply Chain

2023

OEM High Level Integration Partner



Custom design and integration partner

Product



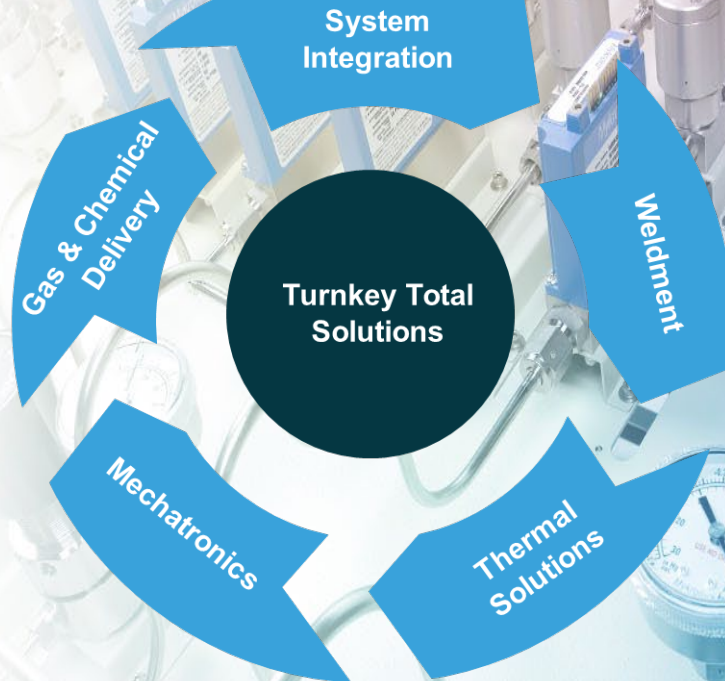
Vertical integration of Ham Let valves

Fluid Solutions



Clean and Analysis Services

Clean Services



UCT Core competence

- Co-engineering prototyping development and early POC
- Design for excellence in manufacturing
- High level gas panel, process module and platform integration
- Complementary vertical integration of Ham Let and Clean
- BCP across multiple manufacturing and supply chain sites

Our Main Supplier Footprint

- +5500 Suppliers
- +200K SKU
- \$1.6Bds of spends
- +250 employees in Supply Chain
- Worldwide organization, end-to-end

- Total cost of ownership
- LT & Flexibility
- Capacity
- Currency management
- Business Continuity plan

Challenges in Supply Chain

- Financials, Macro -Economy
- Education, workforce
- SME support
- Transport, Infrastructure
- Geopolitics
- Total Cost
- Administration
- Sustainability
- Logistic, Connectivity

Fabrice and Patrick Perspectives

Fabrice

Why is triple AI important?

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Discussion points

Why do we need to work on three-time horizons at the same time today?

How can we orchestrate supply chains and react to changes using real time data? How does this work in practice, who takes the decisions? Lessons learned?

How can we achieve customer centricity & deliver the corporate goals? How can we use technology to design and redesign product and information flows today? Examples and lessons learned.

How can we anticipate challenges and opportunities to achieve strategic resilience and delivering inclusive performance? Anticipating major risks through scenarios?
Implementing more sustainable supply chains?

How to make this happen? How to drive changes?

Question from the audience

Your Triple AI Checklist

Time Horizon	Short-term, operational	Midterm, planning	Long-term, strategic
Collective capability	Control tower	End-to-end flow manager	Future-ready decision maker
Objective	Orchestrating the supply chain and reacting to changes using real time	Achieving customer centricity & delivering the corporate goals	Anticipating challenges and opportunities to achieve strategic resilience and delivering inclusive performance
Tripe A.I. focus	Agile and informed	Aligned and interconnected	Adaptable and intelligent
Signs of success	Are we excelling at: <ul style="list-style-type: none"> • Coordinating day-to-day activities • Keeping the supply chain transparent and under control • Achieving the best Performances trade-offs • Minimising disruptions and risks 	Are we excelling at: <ul style="list-style-type: none"> • Planning future flows • Improving performance of existing flows • Securing compliance and delivering value to finance, legal and tax teams • Contributing to the R&D and industrial roadmap • Enhancing supply chain expertise 	Are we excelling at: <ul style="list-style-type: none"> • Ecosystem engagement & influencing • Strategic intelligence (geopolitical – economic - market-technology-tax-regulation) • Social and environmental impact elimination • Strategy development and execution • People management
Domains of expertise and performance	Delivery to final customer including: Logistics, Transportation... Source-to-pay	Supply chain architecture including Supply chain integration and synchronisation Strategic sourcing; Supplier relationships, Customer relationships, regulation, operational excellence	Optimising the product-flow architecture including New supply chain incubation, Delivering sustainability, Technology-enabling, Integrated cost and resilience
Using analytics and digital twins for	Real-time data access Information visualisation Alerts and reactions Data democratisation People empowerment	Assessing expectations, constraints, and performance across the full flow Visualising and assessing impact of alternative flows Easing the planification and the securitisation of the supply chain	Assessing the full impact on company financial performance and valuation Operating strategy war rooms augmenting strategic decision-making capabilities Building long-term models and scenarios