

NextGen Supply Chain in the Age of Al: Emerging Trends Shaping 2025

Quick Guidelines

- Your microphones will be muted throughout
- This session is recorded. The recording and slides will be available after the webinar within 24 hours.
- Please ask questions!
 - Submit questions by selecting the Q & A icon:





Who is Scrum.org

Mission:
Helping People and
Teams Solve
Complex Problems

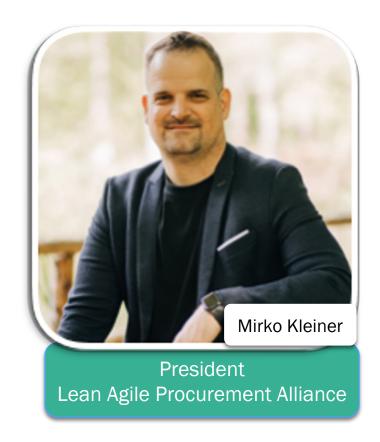


Ken Schwaber
Scrum.org Founder,
Chairman and
Co-creator of Scrum





About Our Speakers









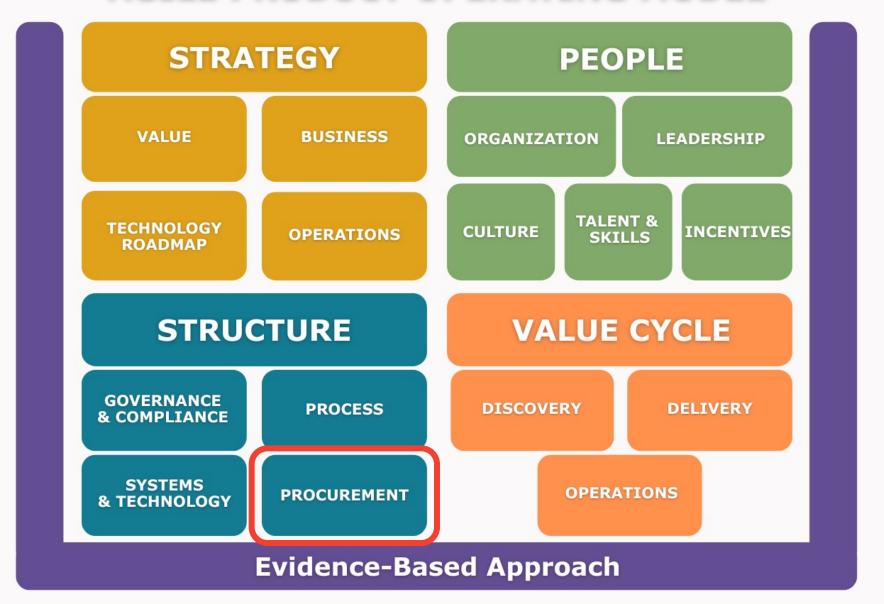


the report STATE OF AGILITY IN PROCUREMENT & SUPPLY by LAP Alliance & World Commerce & Contracting is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License. Global annual report 2024. It was inspired by the annual 'State of Agile' report by VersionOne.





AGILE PRODUCT OPERATING MODEL





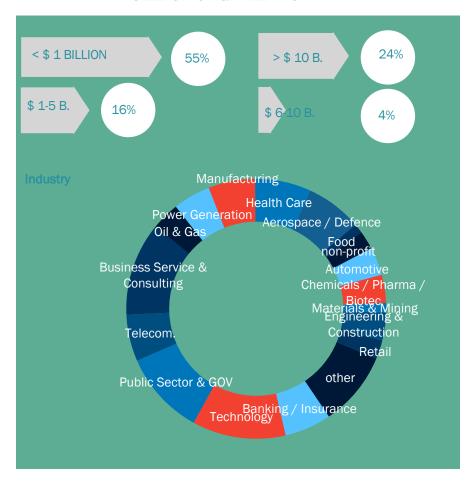


RESPONDENT DEMOGRAPHICS

Respondents from all around the world, every industry & company size

LOCATION OF ORGANIZATION EUROPE NORTH AMERICA **ASIA** 28% 18% 14% AFRICA & MIDDLE EAS AUSTRALIA &NEWZEALAND SOUTH AMERICA 13% 18% 9%

SIZE OF ORGANIZATION





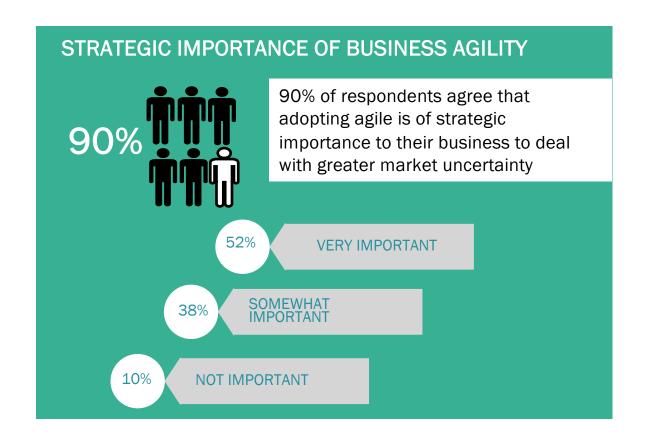
TOP 3 STRATEGIC PRIORITIES BY INDUSTRY

"Business Agility & Adaptability" as their top priority, closely followed by "Innovation & Business Model Evolution" and "Cost Optimization & Profitability."

	#1	#2	#3
Aerospace / Defence	Business Agility & Adaptability	Innovation & Business Model Evolution	Cost Optimization & Profitability
Automotive	Business Agility & Adaptability	Training employees to be ready for the next challenges	Innovation & Business Model Evolution
Banking / Insurance / Financial Svcs	Business Agility & Adaptability	Innovation & Business Model Evolution	Cost Optimization & Profitability
Business Services & Consulting	Business Agility & Adaptability	Innovation & Business Model Evolution	Partner Ecosystem & Collaborative Growth
Chemicals	Business Agility & Adaptability	Innovation & Business Model Evolution	Cost Optimization & Profitability
Consumer Packaged Goods / Retail	Business Agility & Adaptability	Innovation & Business Model Evolution	Cost Optimization & Profitability
Engineering & Construction	Business Agility & Adaptability	Innovation & Business Model Evolution	Training employees to be ready for the next challenges
Food / Drink / Tobacco	Business Agility & Adaptability	Innovation & Business Model Evolution	Cost Optimization & Profitability
Health Care	Business Agility & Adaptability	Innovation & Business Model Evolution	Cost Optimization & Profitability
Hotels, Leisure & Entertainment	Business Agility & Adaptability	Innovation & Business Model Evolution	Cost Optimization & Profitability
Legal	Innovation & Business Model Evolution	Business Agility & Adaptability	Supply Chain Resilience & Agility
Manufacturing & Industrial Goods	Business Agility & Adaptability	Cost Optimization & Profitability	Workforce Transformation & Talent Strategy
Materials & Mining	Business Agility & Adaptability	Innovation & Business Model Evolution	Cost Optimization & Profitability
Media & Publishing	Cost Optimization & Profitability	Business Agility & Adaptability	Innovation & Business Model Evolution
Non-profit & Charity	Business Agility & Adaptability	Training employees to be ready for the next challenges	Innovation & Business Model Evolution
Oil & Gas	Business Agility & Adaptability	Innovation & Business Model Evolution	Cost Optimization & Profitability
Pharmaceutical / Biotechnology	Business Agility & Adaptability	Innovation & Business Model Evolution	Al-Driven Business Transformation
Power Generation & Utilities	Business Agility & Adaptability	Cost Optimization & Profitability	Training employees to be ready for the next challenges
Public Sector & Government	Business Agility & Adaptability	Innovation & Business Model Evolution	Training employees to be ready for the next challenges
Schools, Education & Training	Business Agility & Adaptability	Cost Optimization & Profitability	Innovation & Business Model Evolution
Technology	Business Agility & Adaptability	Innovation & Business Model Evolution	Cost Optimization & Profitability
Telecommunications	Business Agility & Adaptability	Cost Optimization & Profitability	Innovation & Business Model Evolution
Transportation / Logistics REMENT & SUPPLY by LAP Alliand	e & World Commerce & Business Agility & Adaptability ommons Attributio	-ShareAlik Innovation&Business Model Evolution 4. It was	nPartner Ecosystem & Collaborative Growth

REASONS FOR ADOPTING AGILE

90% of respondents agree that adopting agile is of strategic importance to their business to deal with greater market uncertainty



REASONS FOR ADOPTING AGILE







REASONS FOR ADOPTING AGILE

Understanding of Agile vs. reality check

WHAT AGILE MEANS TO OUR RESPONDENTS

#1 Ability to Adapt Quickly to Change

Agile is most commonly associated with the capacity to respond rapidly and effectively to shifting market conditions, emerging priorities, or customer needs.

#2 Flexibility and Simplicity in Process

Many define Agile as a flexible, less bureaucratic approach that streamlines workflows, simplifies value delivery, and reduces complexity while staying outcome-focused.

#3 Collaboration and Empowered Teams

Agile emphasizes cross-functional collaboration, stakeholder engagement, and empowering teams to make decisions and deliver value autonomously.

#4 Customer-Centricity and Value Delivery

Agile is seen as a mindset focused on delivering customer value early and often, involving end users in iterations and continuously adjusting based on feedback.

#5 Continuous Improvement and Learning

Agile is understood as a mindset or framework built on learning, refining, and improving over time in uncertain or complex environments

OPERATION IN YOUR TEAM

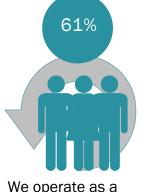
84% of respondents' organizations have not aligned their objectives with their supply chain

16%

84%



Everybody works individually towards their personal objectives



team towards our

deliver project-by-

project

team objectives and

We have aligned objectives throughout our supply chain even with our vendors and customers



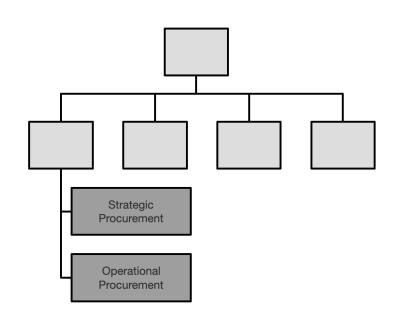
We don't have objectives nor a joint priority





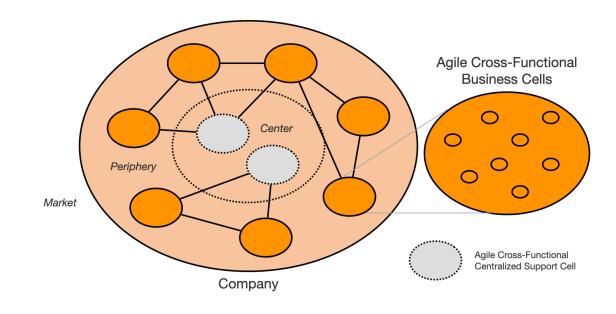
MIND-SHIFT TO COPE WITH UNCERTAINTY

Focus more to Value Creation with a Minimum Viable Bureaucracy!



Formal Structure





Value Creation Structure

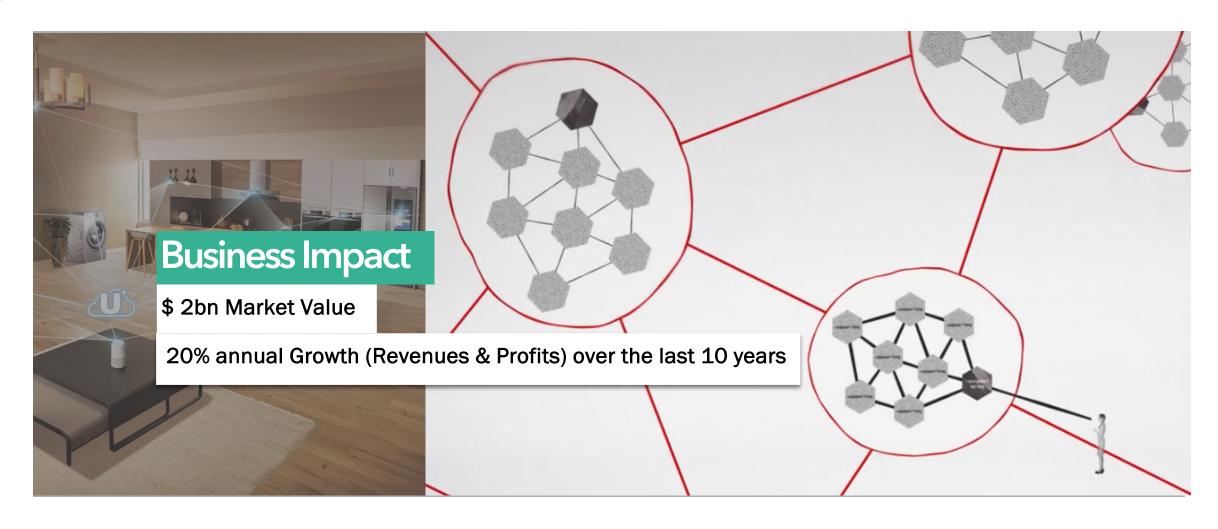
- Minimum Viable Bureaucracy
- Empowered Agile x-funct. Business Cells
- Plattform / Shared Data as the Foundation



Haier - Leading IoT Company in Appliances



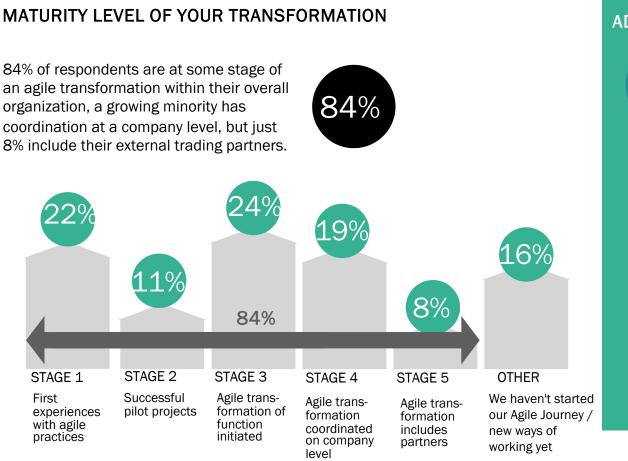
80,000 Employees form 4,800 Micro-Enterprises organized around Value

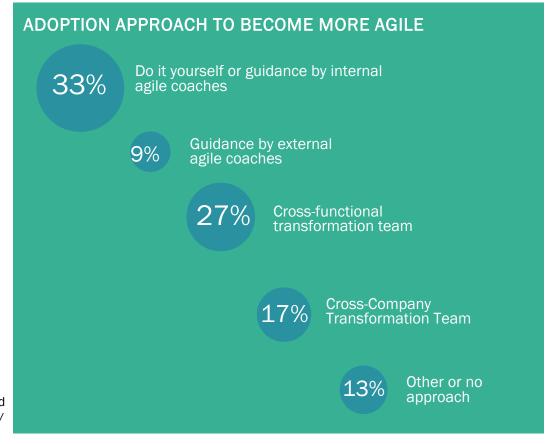




PROGRESS IN ADOPTING AGILE

84% are in some stage of Agile Transformation, just 8% include their partners



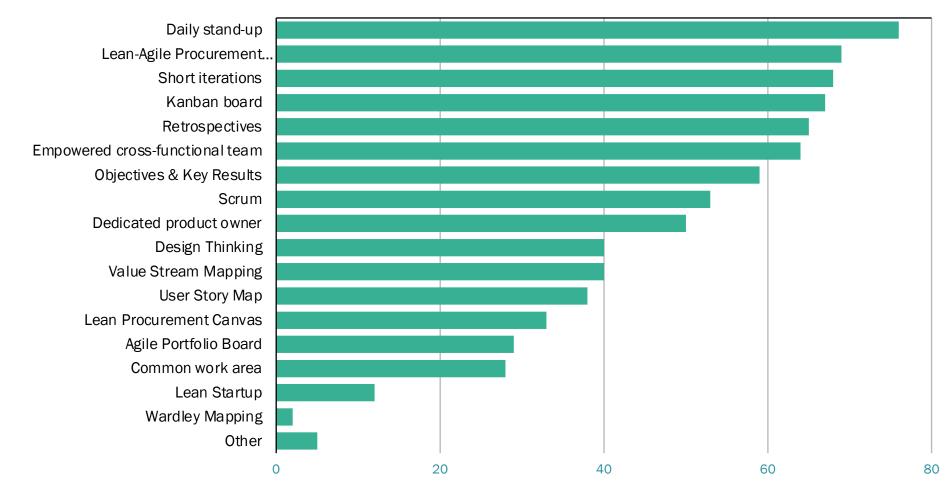






AGILE MATURITY

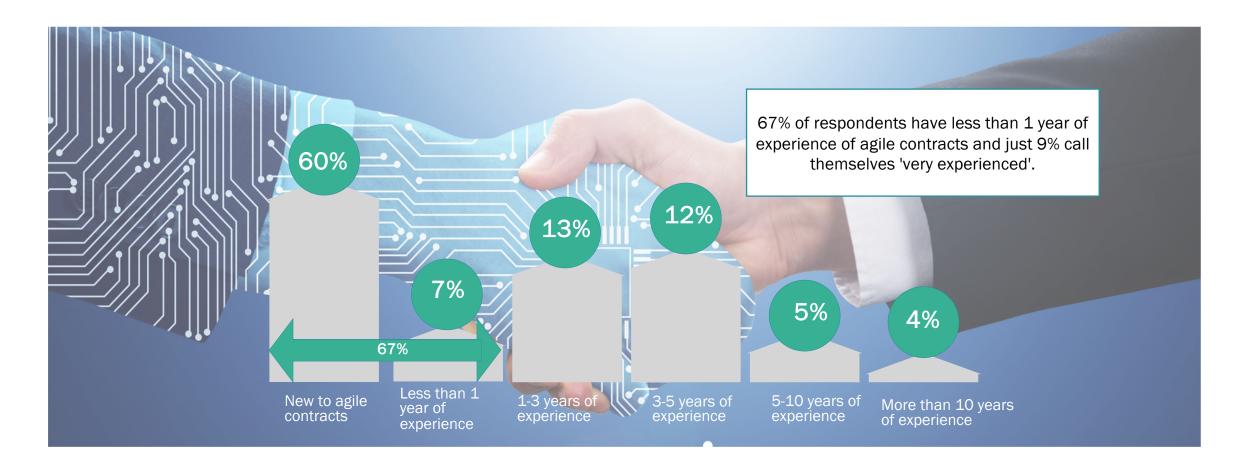
Daily's, Lean-Agile Procurement Short iterations are the most applied Agile Practices in Procurement & Sales





AGILE MATURITY

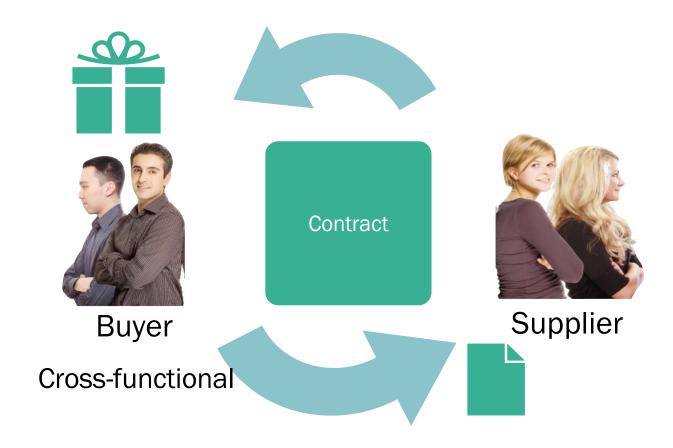
Enabling Agile Collaboration with 3rd Parties via more Agile Contracts is still very immature





Traditional Contracting

No Trust - The Contract manages Risk





Agile Contracting

Trust-based collaboration that supports an agile Collaboration









Contract





Agile Contracting

Trust-based collaboration that supports an agile Collaboration

Key Principles & Project characteristics

Focus on common purpose	True synergy by complementarity	Trust based collaboration	Highest level of Transparency	Risk-taking approach & Flexibility for partners	Science, data driven governance & active leadership guidance	
Develop a vaccine in the fastest possible manner to save lives and end pandemic Tremendous shared sense of purpose across the entire ecosystem led by common focus on the public good	BioNTech brought the innovation and immunological competence, Pfizer brought the clinical competence and execution muscle None of the partners	Existing institutional and personal relationships with Pfizer going back to 2018 fostered mutual trust which leveraged both sides' strengths Trust that science & data	Unprecedented information sharing in real time – example of commitment to share research findings in real time via preprint publications	Against all odds, BioNTech decided to reallocate substantial company resources and start a COVID-19 vaccine progra Unprecendented for taking of parties in the presence of uncertainties.	Establishment of Joint Committees of subject matter experts (manufacturing, clinical, regulatory, etc.) who meet on a regular basis Establishment of a Joint Steering Committee to discuss and resolve issues.	
(across industry, research community, public institutions and regulators, NGOs) Rapid feedback loops between industry & regulators Commercial interests were	Similar constellation with Fosun enabling to reach the Chinese population	will guide us and our decisions Trust that foreseen and unforeseen challenges can be solved in real-time by competent teams Trust that contractual	helped to create a spirit of transparency which and contributed to high level es of trust and a focus on the l-time public good Trust and a focus on the public good Trust and a focus on the public good Trust and a focus on the developing multiple candidate in parallel to see which ones could be the best, scaling up manufacturing before knowing	High level of focus on the project at executive levels allowed the organizations to move swiftly when obstacles presented	Ugur Sahin Ugur Sahin CEO Biotech	
action – neither company later in a fair-fashion with had visibility in the mutual understanding of high level of flexibility beginning into the the needs of the parties parties to do what r	high level of flexibility for the parties to do what needed to be done to reach objectives	In Crisis th	ere's no Time for Contracts			

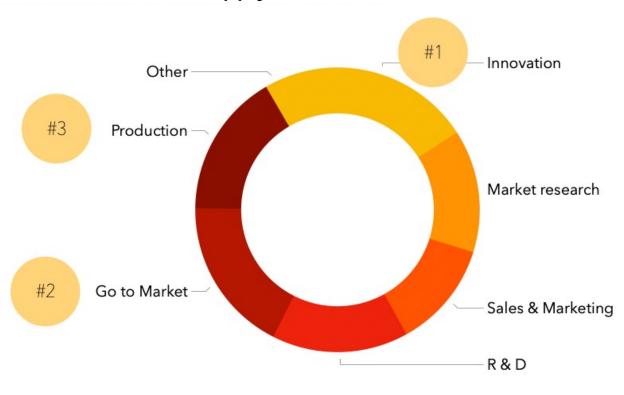




Scenarios for collaboration with multiple partners



Scenarios for collaboration with multiple partners / make use of a supply chain

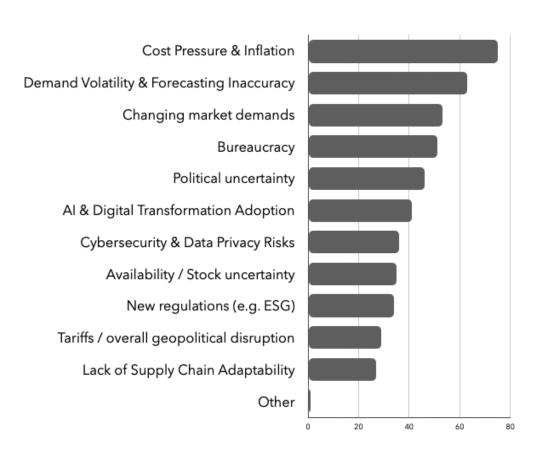






Rising market volatility is placing growing pressure on respondents' supply chains

CHALLENGES FOR YOUR SUPPLY CHAIN



KEY STRATEGIES TO OVERCOME UNCERTAINTY IN SUPPLY CHAIN MANAGEMENT



Avoid dependency on single suppliers

Explore alternative sourcing options (local, regional, global)

Build redundancy across the supply chain

#2 Stronger Stakeholder & Supplier Collaboration

Proactive communication and engagement with internal stakeholders, suppliers, and SMEs

Build long-term partnerships and trust

Establish supplier relationship management programs (SRM)

#3 Agile & Adaptive Practices

Implement agile methodologies and iterative planning

Increase flexibility in contracts and sourcing models

Use scenario planning and quick response mechanisms

Enhanced Risk & Demand Management

Develop contingency plans and buffers for critical components

Conduct proactive risk assessments and mitigation planning

Improve forecasting accuracy using data and Al

Digitalization & Process
Simplification

Automate processes and adopt digital tools

Use AI, GenAI, and analytics for real-time insights

Streamline category management and sourcing policies

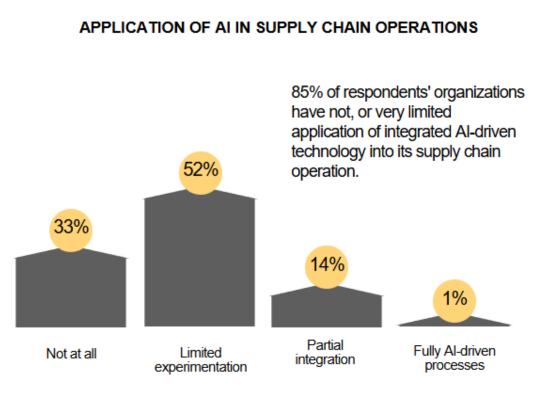


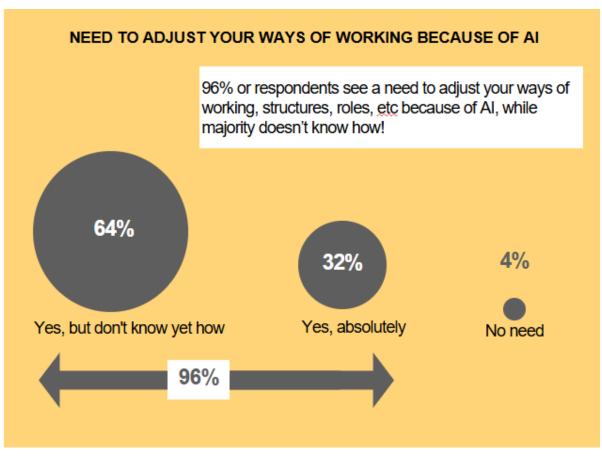
Artificial Intelligence has already begun to reshape how we work—and its impact is only accelerating





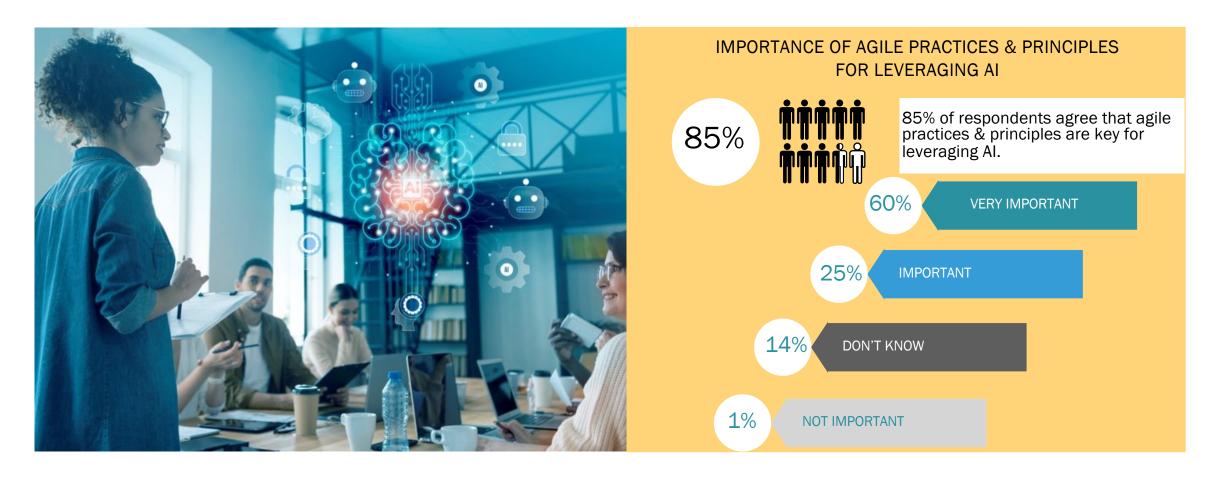
While aligned with reported commercial priorities, the current application of AI in supply chain operations remains limited and largely in an experimental phase







85% of respondents agree that agile practices & principles are key for leveraging Al

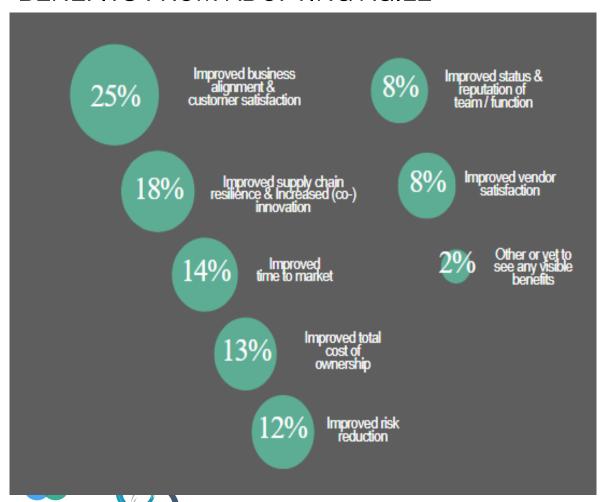




BENEFITS FROM ADOPTING AGILE

Benefits do match initial challenges, while enablement & culture is biggest challenges

BENEFITS FROM ADOPTING AGILE



CHALLENGES ADOPTING AGILE



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Questions







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Thank you!

