

INTELLIGENT BUSINESS AGILITY



Felice Pescatore - @felicepescatore

STRATEGY & EXECUTION

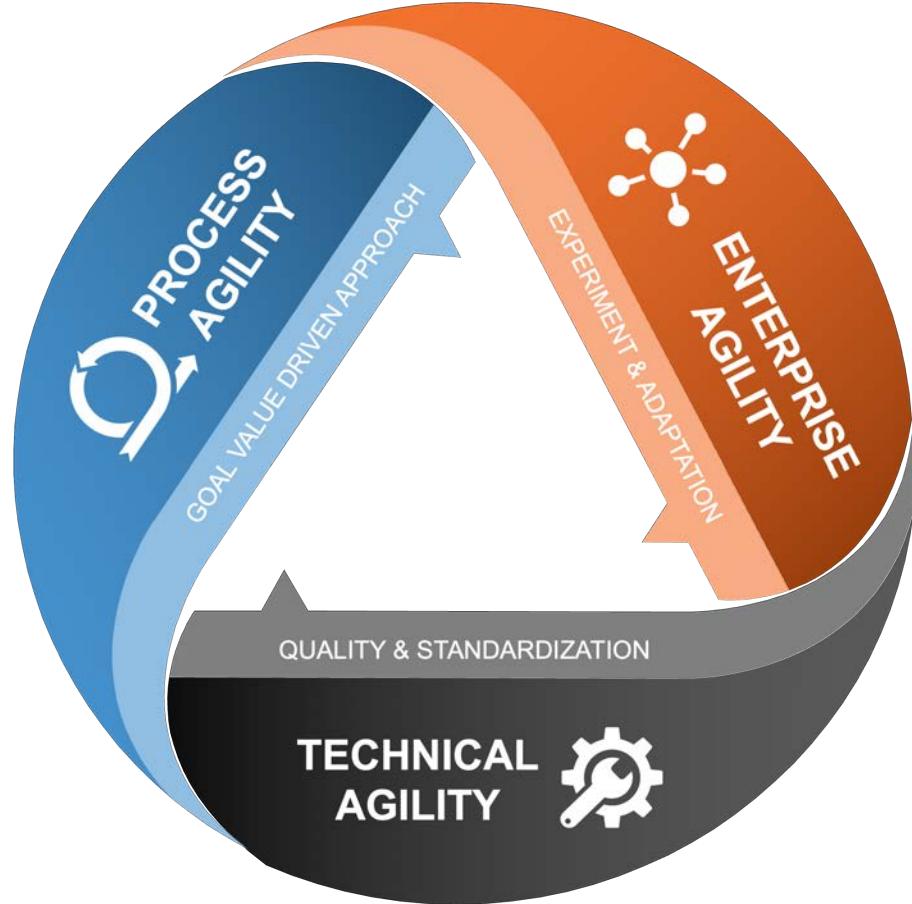


*"You can have the **best strategy** in the world, but if you can't **execute it**, it doesn't matter. Execution comes down to culture, and that's critical"*

Dr. Michael Parke

Assistant Professor of Organizational Behavior, London Business School

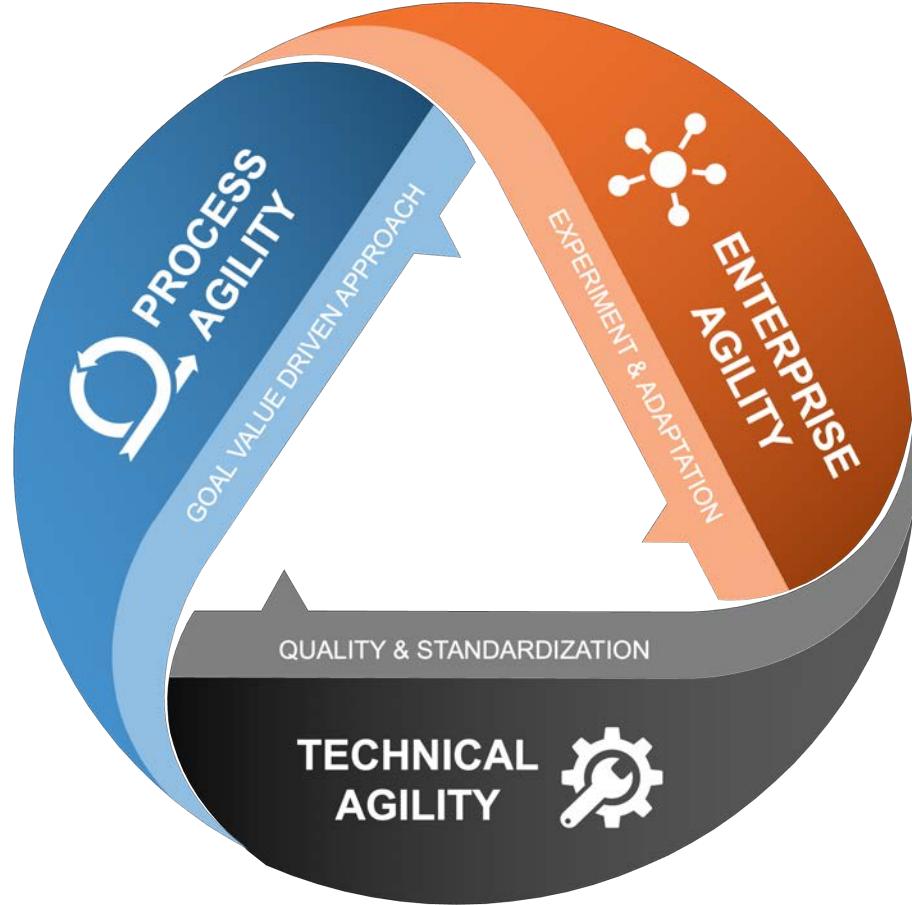
BUSINESS AGILITY



“Business agility is an organization’s ability to rapidly adapt to market and environmental changes in productive and cost-effective ways.

Business agility focuses on value realized by having stakeholders identify, prioritize and sequence the work to be done and allocate it appropriately to the product/service teams.”

BUSINESS AGILITY



ENTERPRISE AGILITY

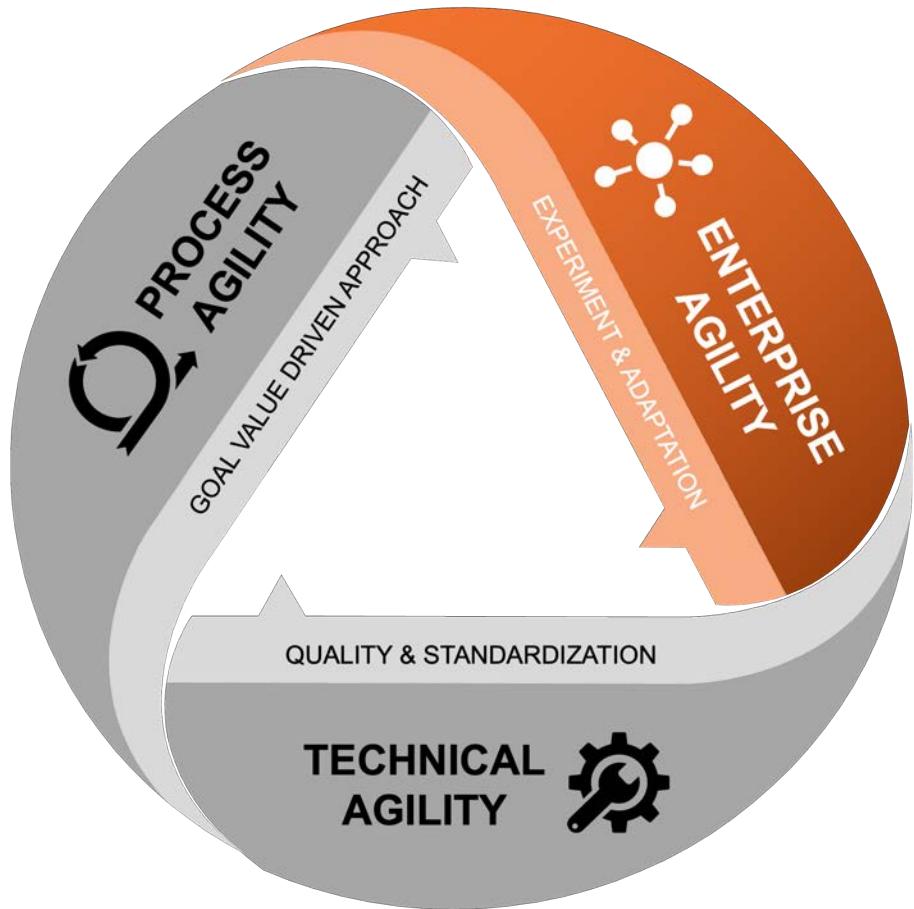
TECHNICAL AGILITY

PROCESS AGILITY

Develop a holistic approach



ENTERPRISE AGILITY



ENTERPRISE AGILITY

- Hosting and Servant leadership
- Beyond Budgeting
- Agile Organization Design
- Lean Principle
- Value Stream

Look at people



TECHINICAL AGILITY



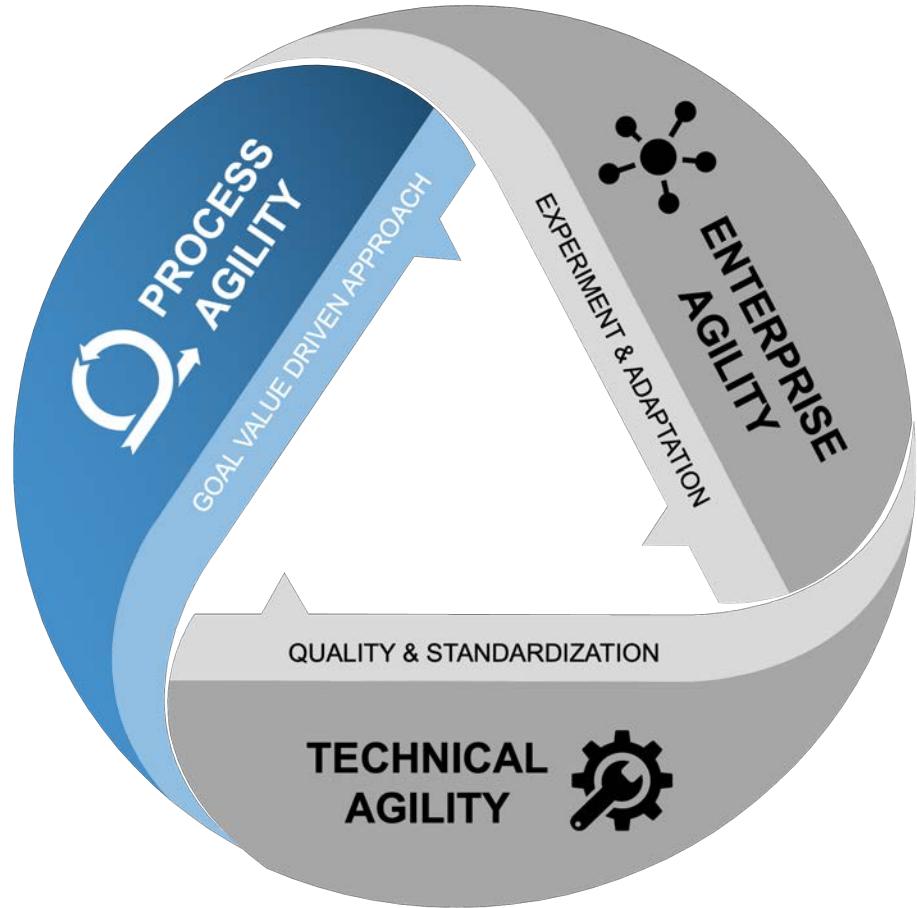
TECHNICAL AGILITY

- eXtreme Programming
- TDD
- DevOps
- Agile Account Practices
- Look Ahead Modeling

Excel in technicality and technology



PROCESS AGILITY



PROCESS AGILITY

- Scrum
- Kanban
- PMI Disciplined Agile
- LeSS
- SAFe
- PMP

Tailor the right models and frameworks





The 8-Step Process for Leading Change was cultivated from over four decades of Dr. Kotter's observations of countless leaders and organizations as they were trying to transform or execute their strategies.

He identified and extracted the success factors and combined them to reinforce the likelihood of success in the transformation.

DISCIPLINED APPROACH TO CHANGE



Every ant moves in a coordinated way to collectively help in the big challenge.

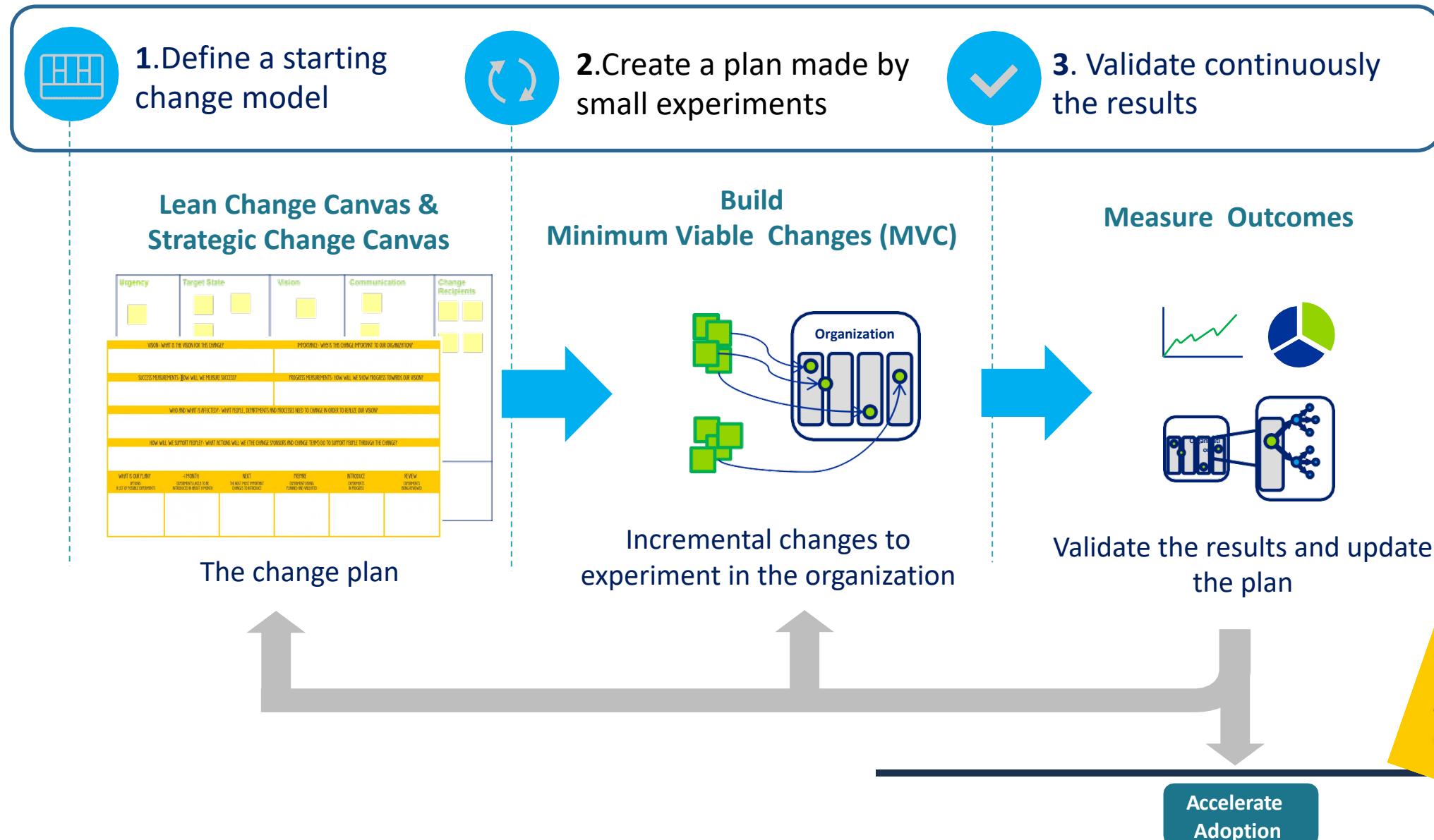
In our case, the "ant" is the vector for a "small change" that we selected to help the company make a small improvement, verify it directly in daily work, testing the response of the people impacted and using actionable metrics to evaluate the results.

If these results live up to expectations, we can continue to refine the adoption, if not, this isn't a problem: we can quickly identify a different tactic to adopt and take it to the ant!

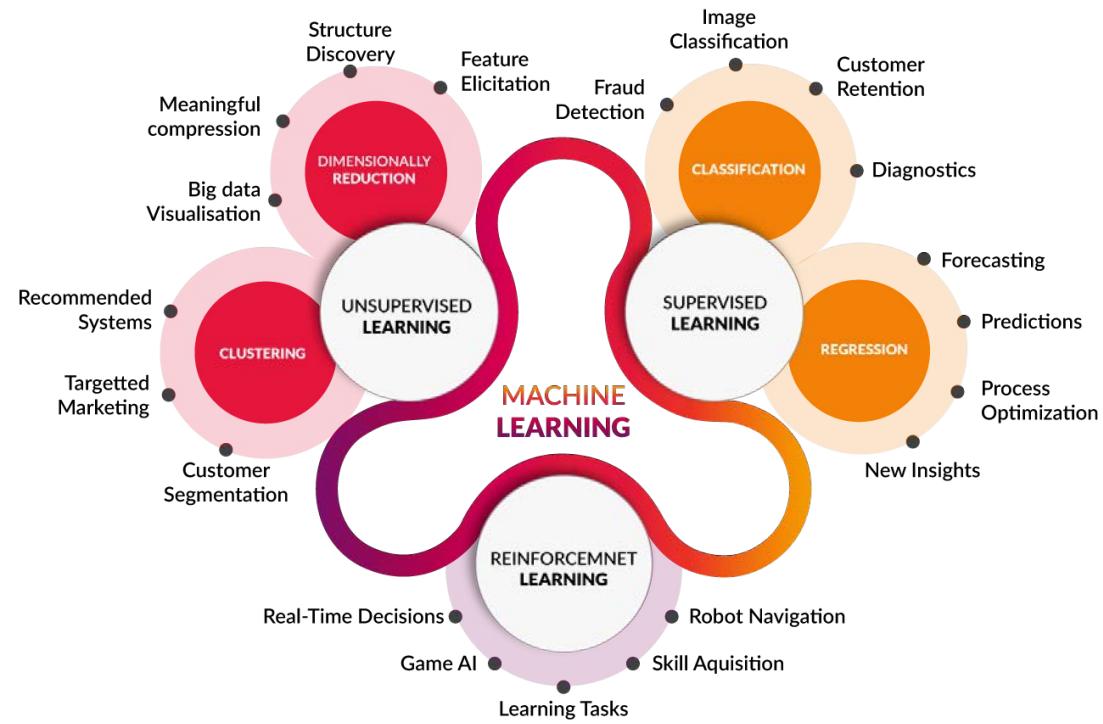
We must work like an anthill

<https://www.infoq.com/news/2020/10/disciplined-approach-change/>

SMALL EXPERIMENTS ARE BETTER

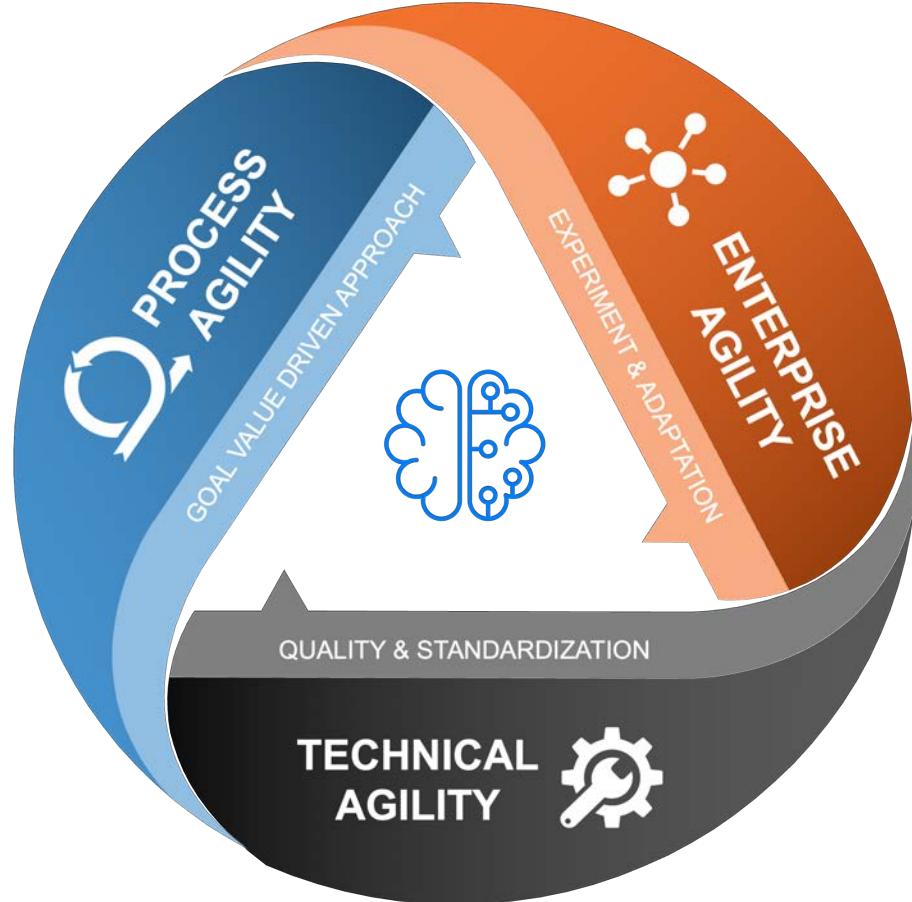


BOOST WITH ARTIFICIAL INTELLIGENCE



Can we **speed** those experiments with a “new” intelligence based on the data that we collect day by day?

INTELLIGENT BUSINESS AGILITY



"Intelligent Business Agility (IBA) represents the ability of an organization to develop an adaptive corporate culture, supported by intelligent agents able to help people in strategic and operational decisions, in order to optimize their activities and continuously set new challenging goals."

Intelligent Business Agility (IBA) -Felice Pescatore

INTELLIGENT ENTERPRISE AGILITY



CUSTOMER: establish an end-to-end strategy on the value stream data



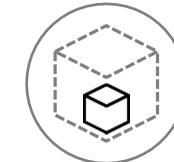
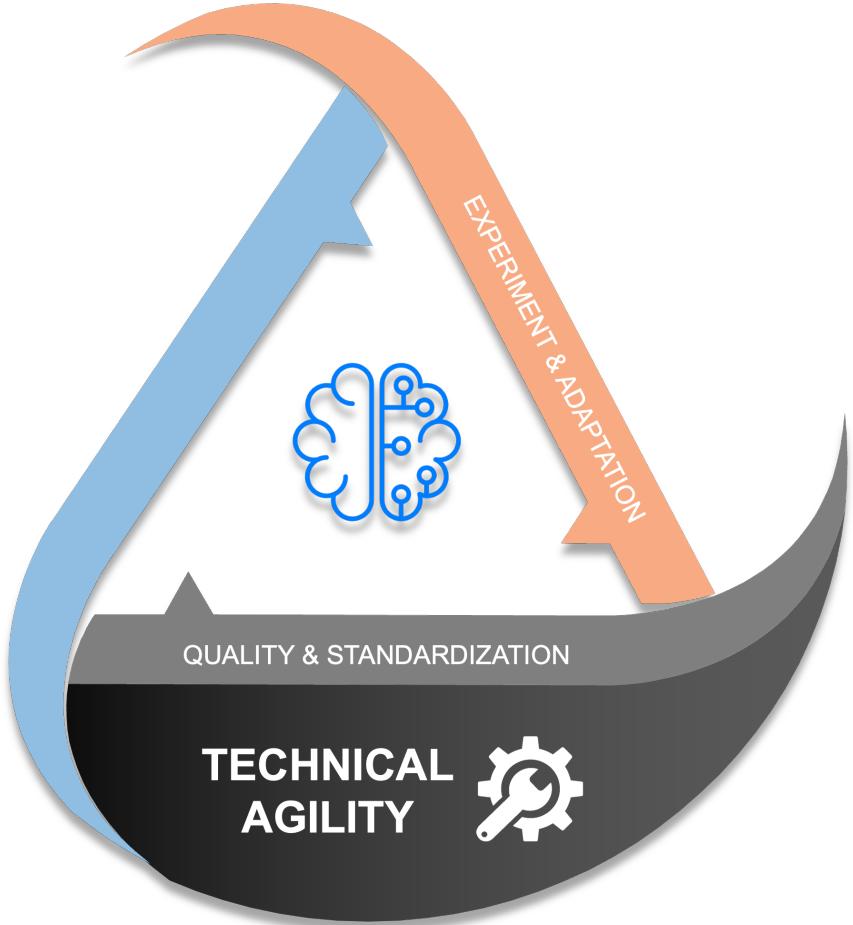
INNOVATION: encourage employees to base the innovation on the evidences



COMMITMENT: promote a holistic strategy supported by leadership and first-line managers

Building partnerships between people

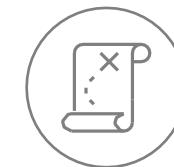
INTELLIGENT TECHINCAL AGILITY



PERIMETER: align your technology choice to the real needed solutions



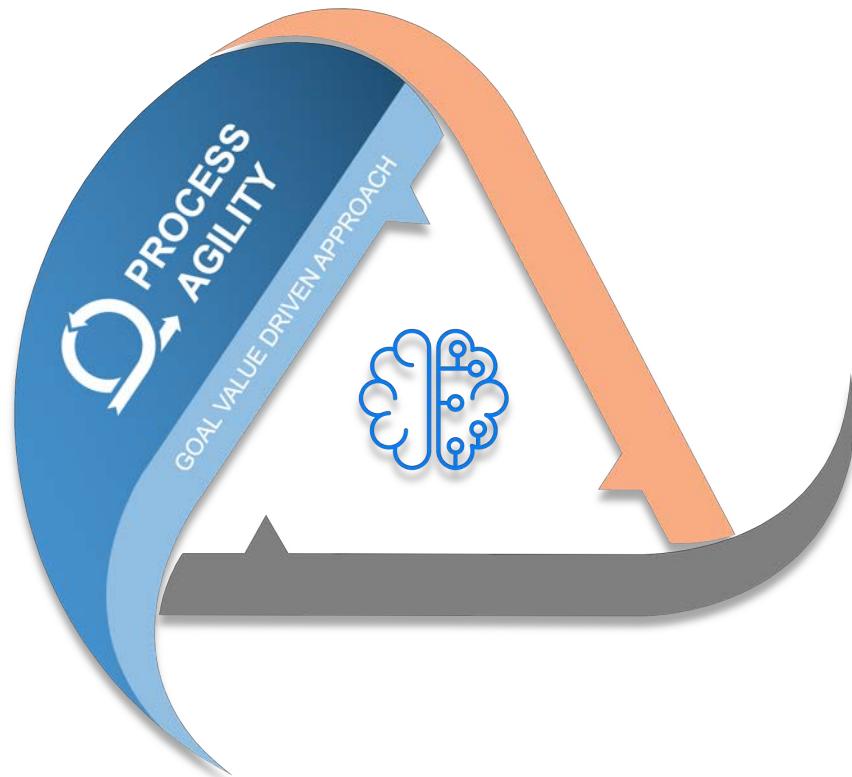
MAXIMIZE: the value of your solutions increasing the related technical quality



STEP-BY-STEP: enable the systems to continuously learn and improve

Search for the needed excellence

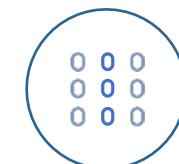
INTELLIGENT PROCESS AGILITY



MONITOR: narrow your choice in relation to the company climate and maturity



ACCELERATE: boost your company broaden with accurate trend analysis



ACCURACY: prepare your data and adjust the practices using to them

Optimize and Improve the Way of Working

IBA PRINCIPLES



Empowering and Inclusive

Create a culture of sharing and collaboration



Make those that know your business a central piece of your transformation process



Data-driven

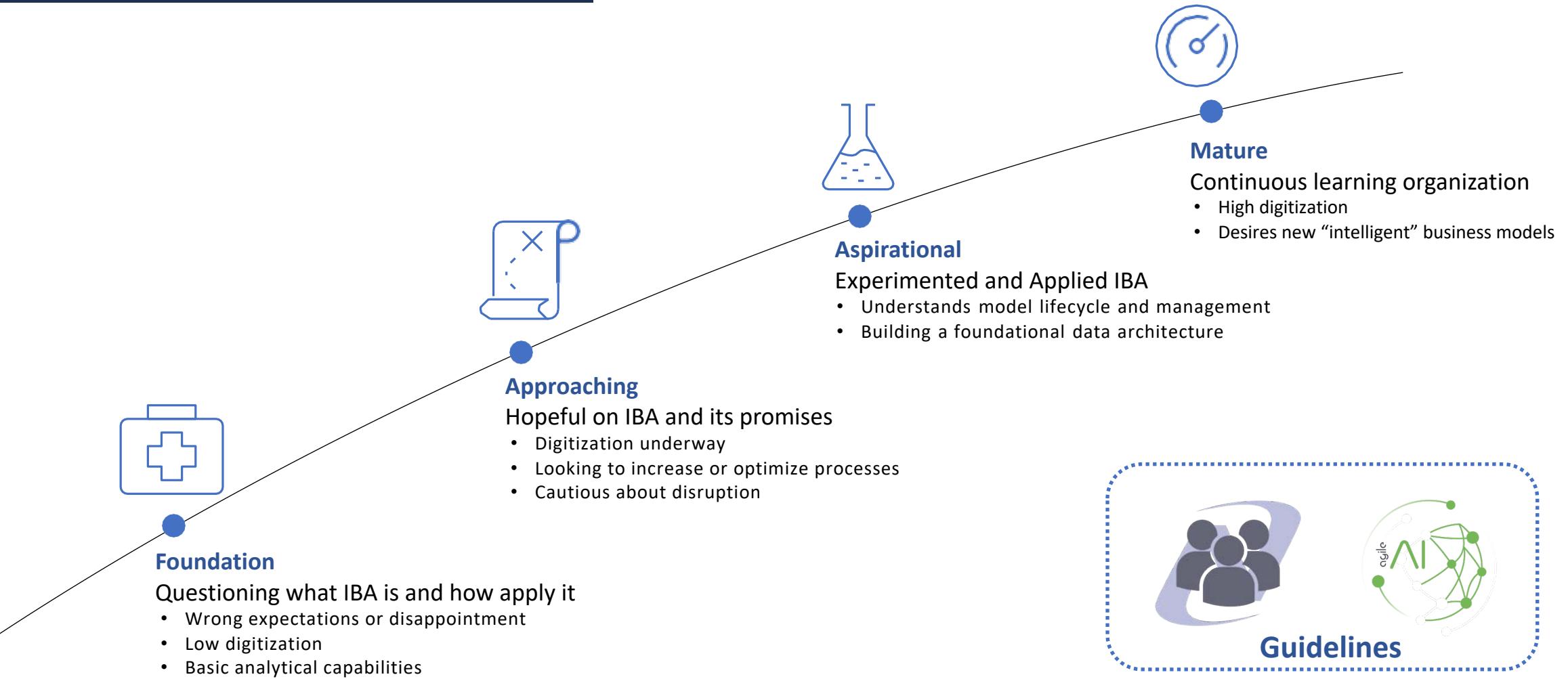


Share data across your organization



Adopt rigorous data practices

IBA IMPLEMENTATION JOURNEY



4 ideal steps



S.T.A.I.R. GUIDELINE



Security and Privacy



Transparency



Accountability



Inclusiveness



Reliability and Safety

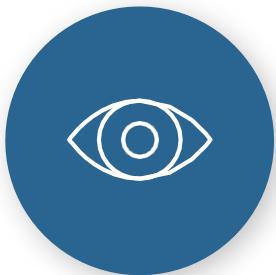
#1st IBA GUIDELINE



**Protect private information and
resist to attacks**

1. Design the intelligent systems to de-identify and maintain the integrity of personal data
2. Protect the system from bad actors
3. Conduct security and privacy reviews

TRANSPARENCY



**Understand how to clearly
supports organizational decisions**

1. Share the key elements
2. Leveraging simpler models and generating intelligible explanations of the model's behavior
3. Train people on how to interpret suggestions

#2 S.T.A.I.R. PILLAR

ACCOUNTABILITY



Maintain responsibility over the suggested improvement

1. Ensure people are properly trained to use and maintain the solution
2. Keep humans with requisite expertise in the loop
3. Put in place a clear system of accountability and governance

#3 S.T.A.I.R. PILLAR

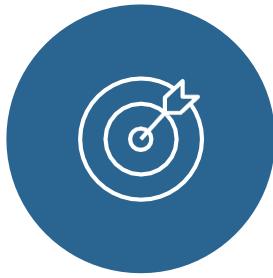
INCLUSIVENESS



**Empower everyone and engage all
the people**

1. Leverage human review and domain expertise
2. Attract a diverse pool of talent
3. Research and employ best practices, analytical techniques, and tools

#4 S.T.A.I.R. PILLAR

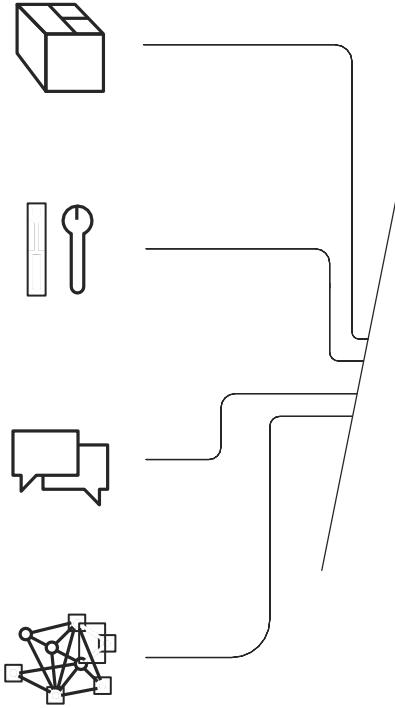


Operate in a reliably, safely, and consistently way under every conditions

1. Auditing the supporting systems for intended and unintended circumstances
2. Provide detailed explanation of system operation
3. Easily report performance issues



Get started with pre-built AI



Leverage AI development tools

Develop by People for People

Build an AI-ready data estate



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