

Pyron Technology

Company Profile and Services

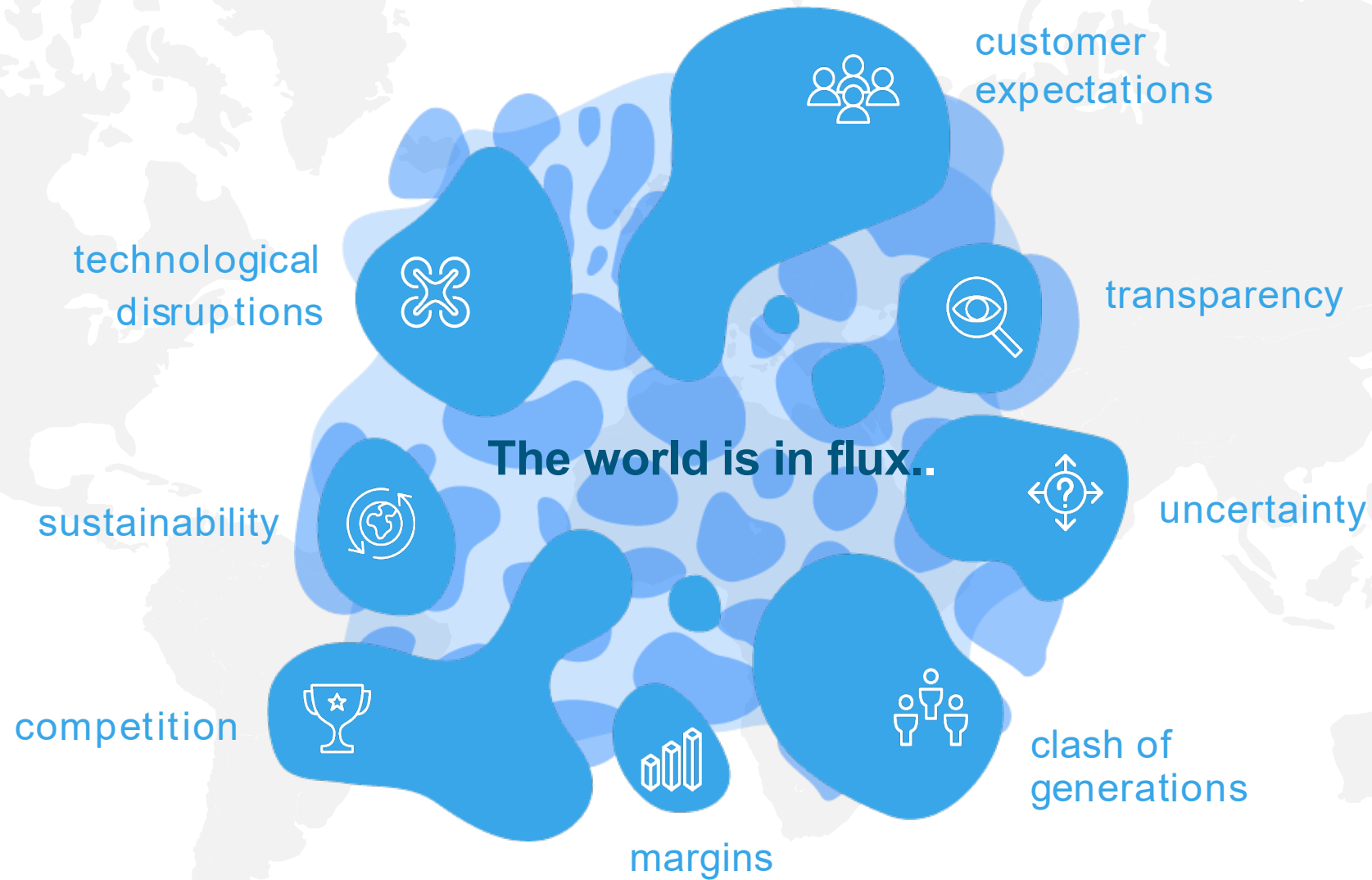
Agenda

1. About Pyron Technology
2. Industry 4.0 and Digital Transformation
3. How We Can Support You



Are you digital enough?

The World Turned to Digital





About Pyron Technology



Pyron Technology has been established on the principles of providing holistic services in the implementation of Industry 4.0 technologies and digital transformation.

With large experience in project management, management consultancy and establishment of innovation centres for Industry 4.0 in the Middle East and Europe, Pyron Technology has been created.

In collaboration with large industry 4.0 technology leaders, consultants and engineers all over Europe and the world we are bringing a unique experience, industry-disrupting technologies and radical new approach to the business itself.

Pyron Technology is an advocate of the European Technology Council (EUTECH), a network of forward-thinking companies on the digitalization of Europe and the World.

Are you ready for the future?

Our Headquarter



Headquartered in Belgrade, Serbia, Pyron Technology is a regional pioneer in providing technology agnostic consultancy on smart digital transformation and Industry 4.0.

We are a network of dedicated consultants, with **customer satisfaction** in mind focused on driving a holistic approach by offering **customers consultancy, project management, implementation and support services** for digital transformation, additive manufacturing, reverse engineering, product development and product lifecycle management, precision manufacturing and complete digital transformation roadmaps.



Industry 4.0 and Digital Transformation

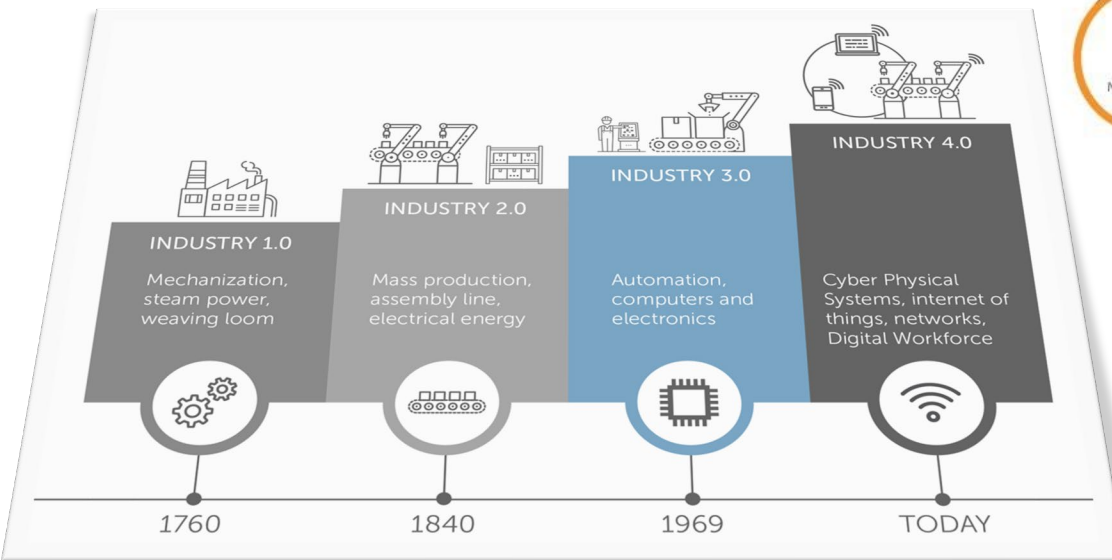
What is Industry 4.0



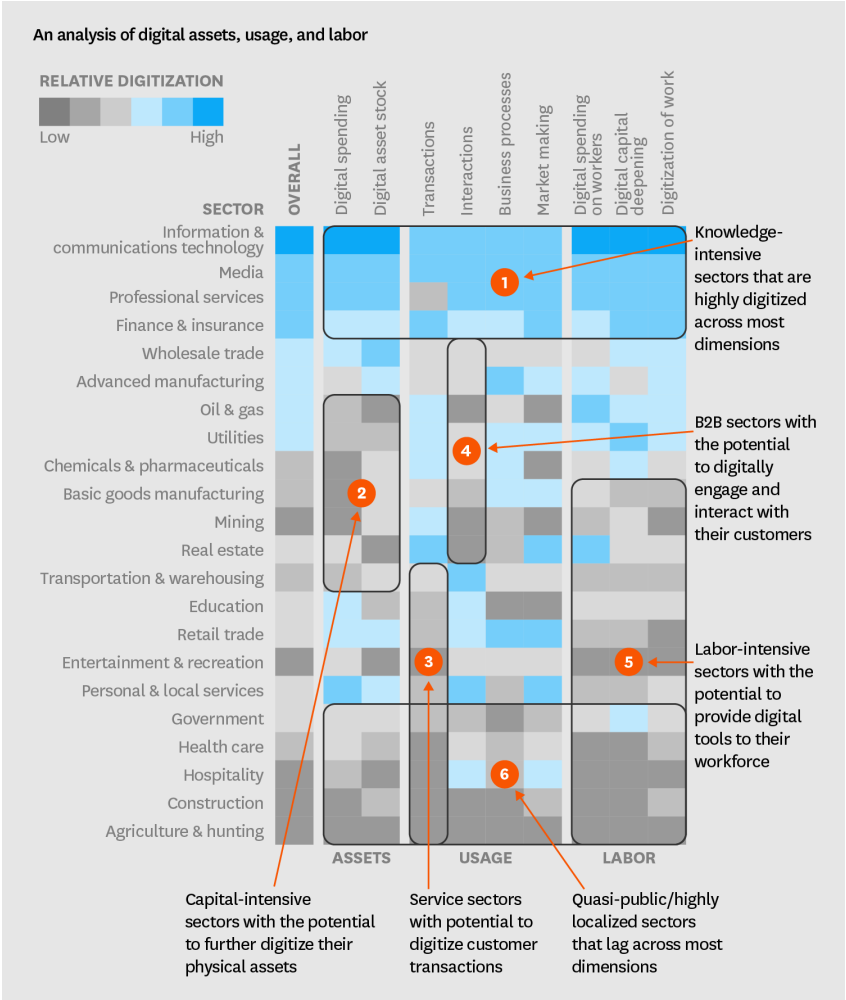
Industry 4.0 represents a paradigm shift for manufacturing on multiple fronts.

Once solely focused on the execution of pre-programmed logic, machines and devices are now part of intelligent, autonomous networks capable of communicating and interacting with one another.

Processes are no longer static; instead, they are adaptive, self-corrective, and capable of responding to demands in real-time.

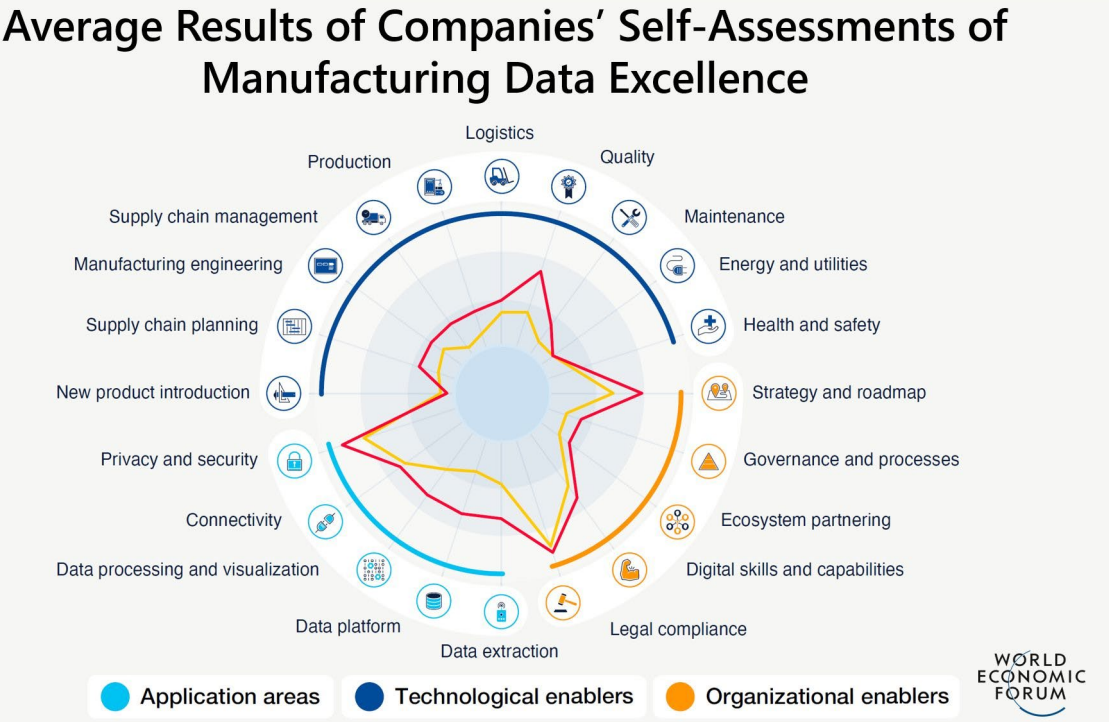


Relative Digitalization per Industry – opportunity overview

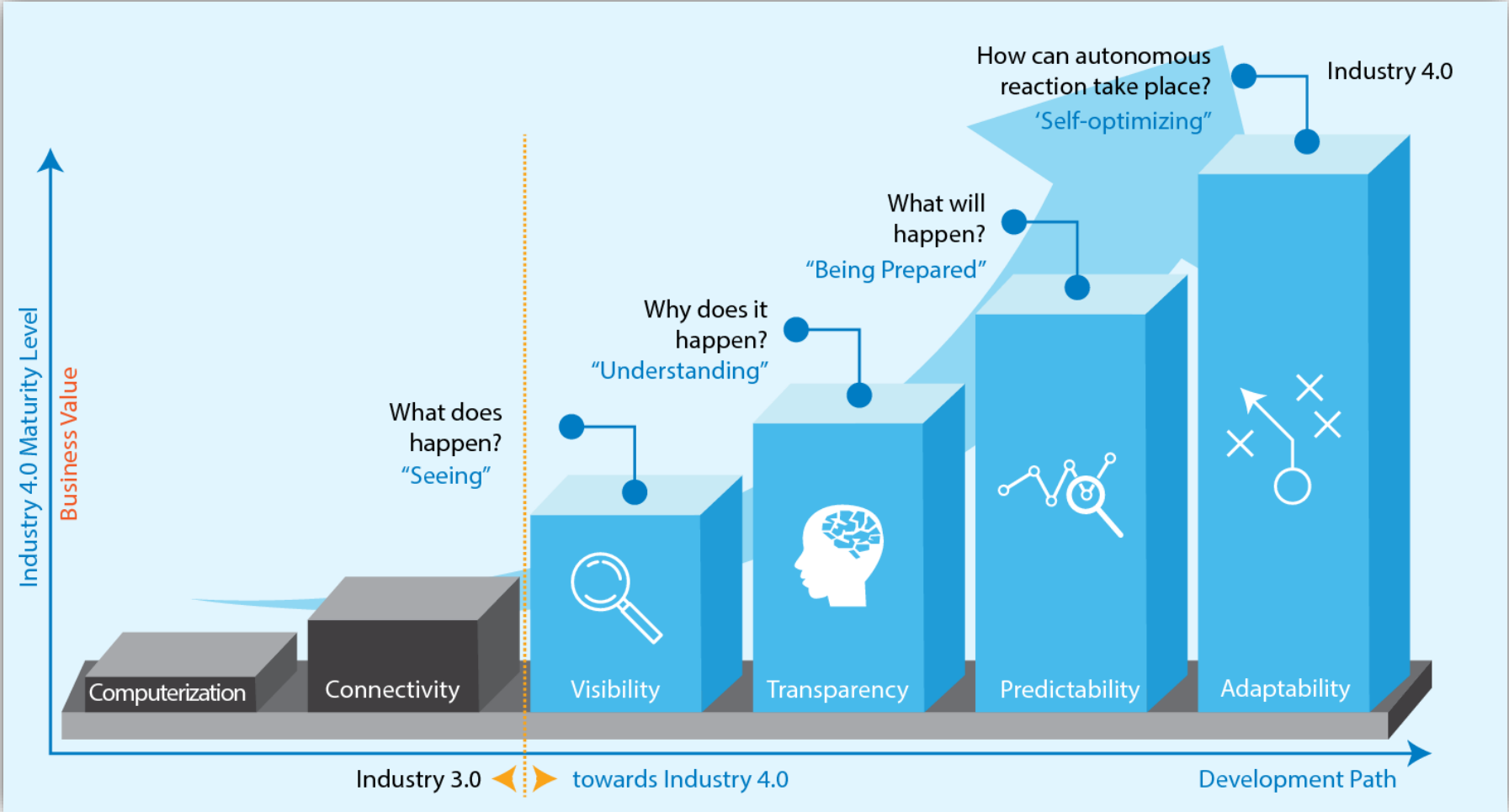


Source: McKinsey Global Institute and Harvard Business Review (Apr 2016)

The level of digitalization per each industry represents a great indicator of possible improvements and expansion of digitalization.



Digital Maturity Index



The Industry 4.0 Maturity Index offers clear criteria for selecting and sequencing activities in digitalization.

This avoids expensive investments in one part of the company, which you cannot then fully use because you have not developed the capacities that should use that investment in other business functions of the company in the meantime.

This choice and sequence of activities must be the content of a digital transformation roadmap.



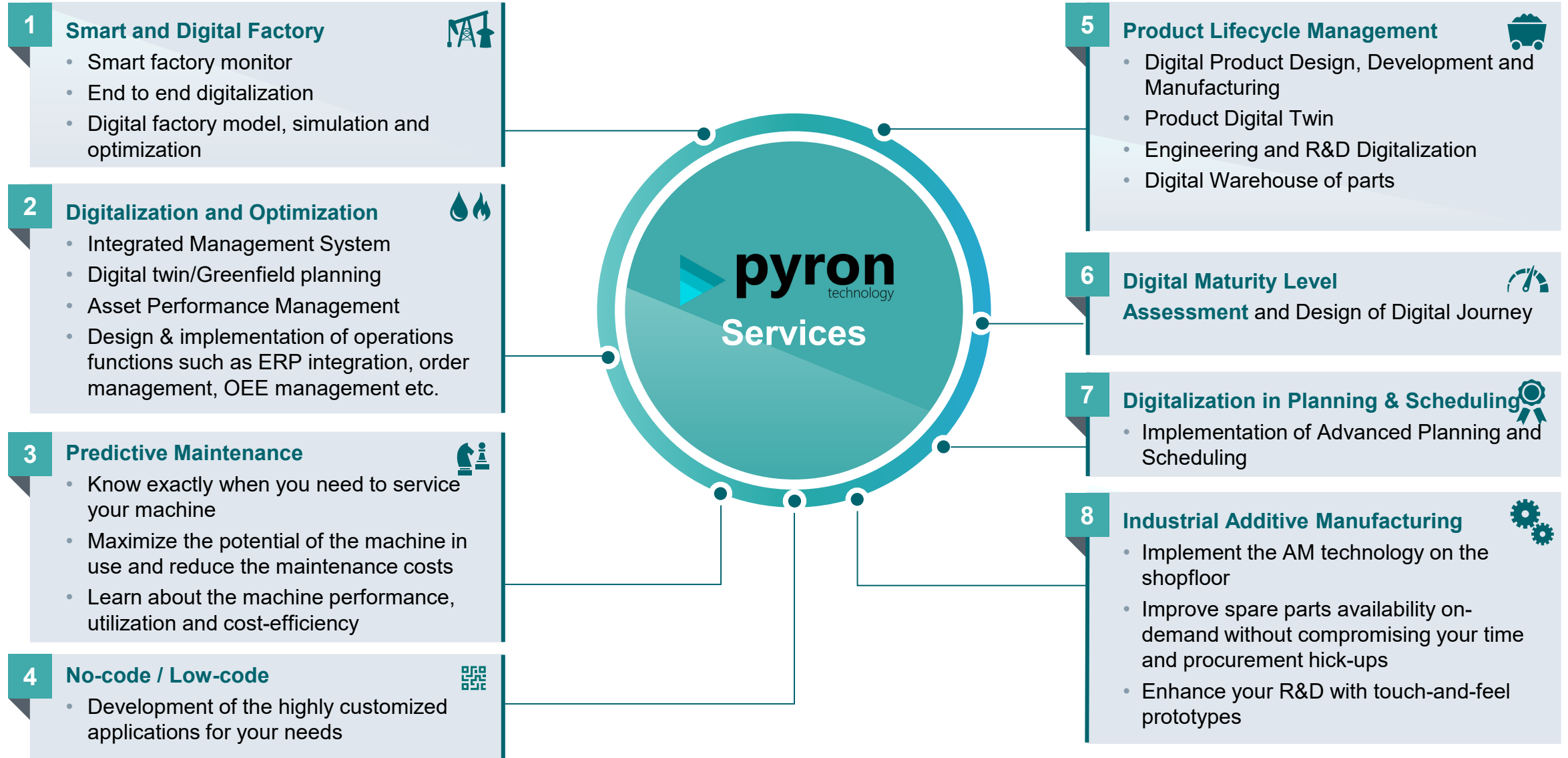
How We Can Support You



Values we bring

- 1 Detailed analysis of production and design operations, their productivity, ie. cost efficiencies (finding deficiencies, locating activities that increase costs, improving business with pre-planned maintenance, etc.)
- 2 Creating a unique source of information (truth) that minimizes or eliminates the costs of reprocessing, misunderstandings, erroneous orders, etc.
- 3 Understanding that all systems can be improved to be more productive while reducing costs, increasing efficiency and optimizing their use. Project management of the implementations.
- 4 A people-centred approach that technology only helps make the right decisions at the right time, every time.

Part of the Services We Offer



Digital Maturity Index Assessment - DMI

DMI enables digital leaders across the transformation.



Where are we on our digital journey?

DMI analysis provides a view on organisation's transformation status vs market and industry best-in-class



How to progress with our digital transformation?

DMI recommendations provides detailed and actionable initiatives that are prioritised to accelerate the transformation journey



Do we spend our budget on the right stuff?

DMI roadmap creates a customised and deliverable plan of action that is aligns and balances budget and vision

Our Digital Maturity Index is much more than a discrete service.

Methodology

DMI is the most comprehensive digital maturity assessment that assess 120 topics across 6 dimensions, informing every business objective.



Platform

Along with our service, the digital leaders get access to our state of the art platform allowing them to align their goals to the maturity journey.



Benchmark

Our our progressively growing database of diverse maturity assessments helps you iteratively measure and also benchmark yourself against your peers.



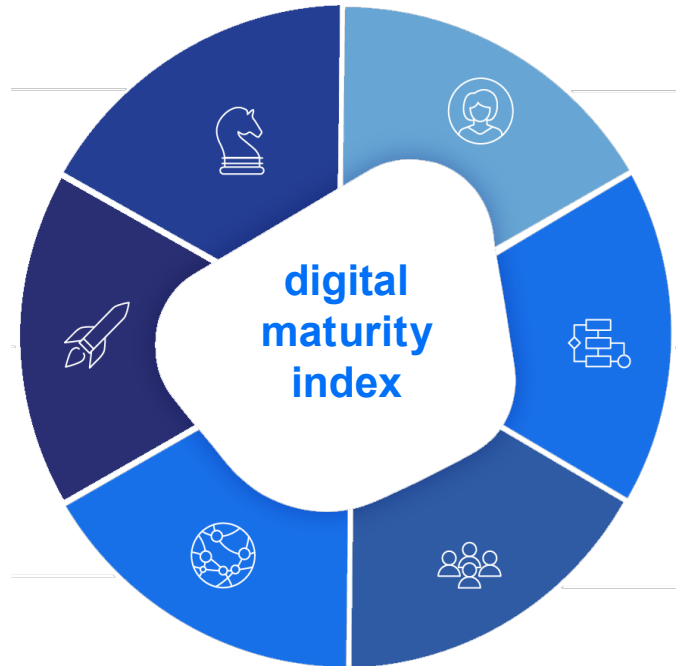
Roadmap

We leverage the unique combination of our methodology, platform, data, and expertise to build tailored, actionable and impactful initiatives

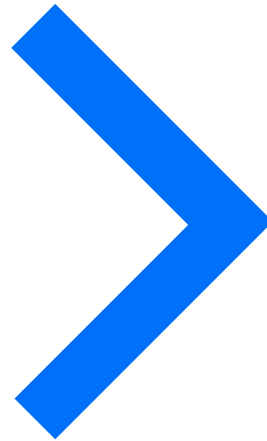


Our DMI is Much More Than “Others Combined”

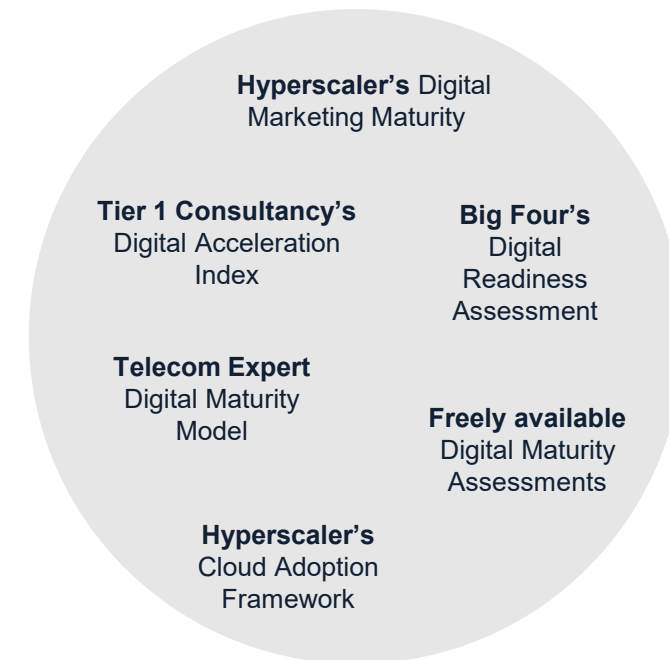
DMI is Comprehensive and Conclusive



- Covers a much wider scope of dimensions
- Includes recommendations with business impact
- Costs <20% of the comparable solutions
- Quickest assessment with a relative scope
- Incorporate benchmark driven custom analysis
- Provides an implementable roadmap for leaders
- Embedded with platform play

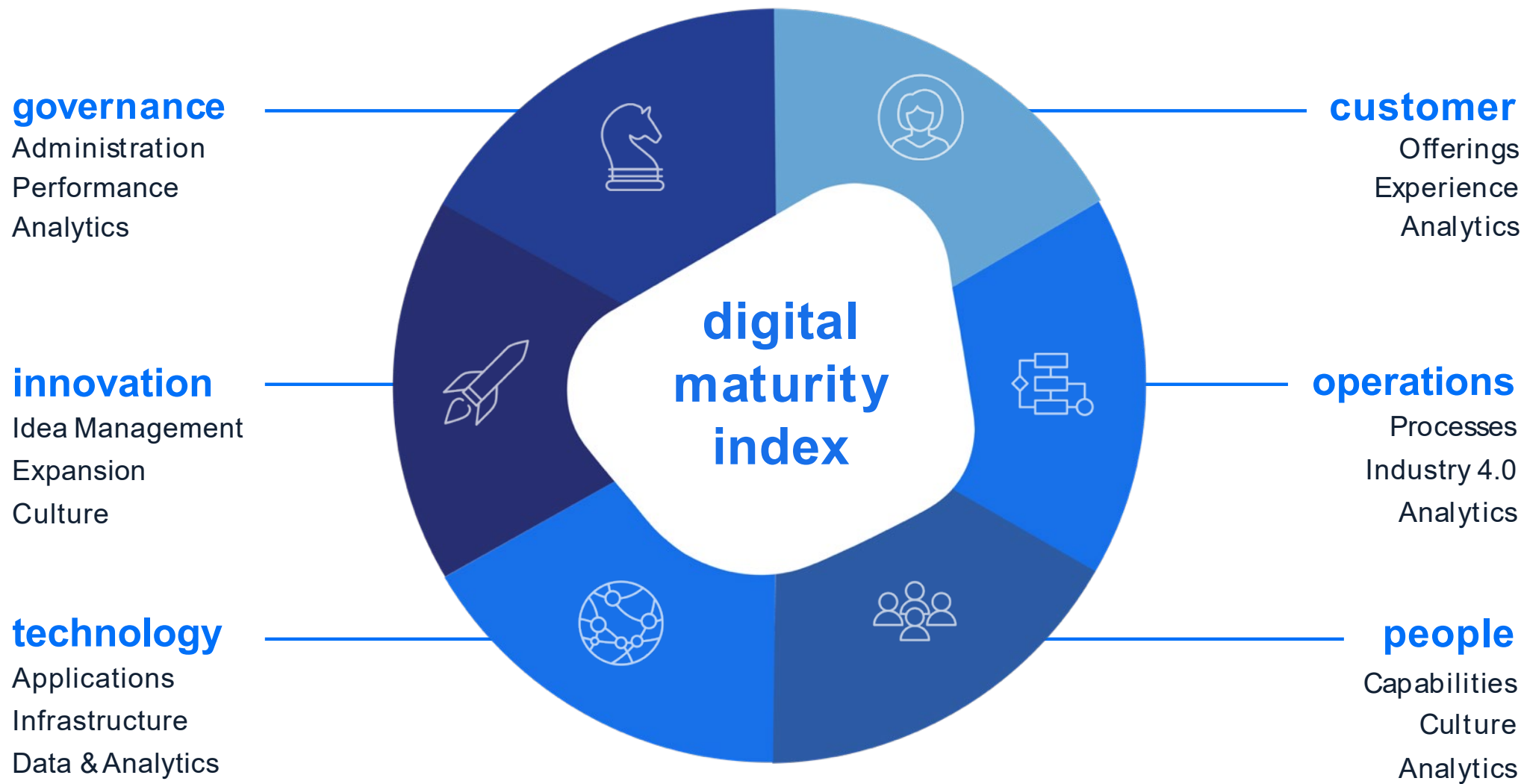


Others' are Niche and Confined

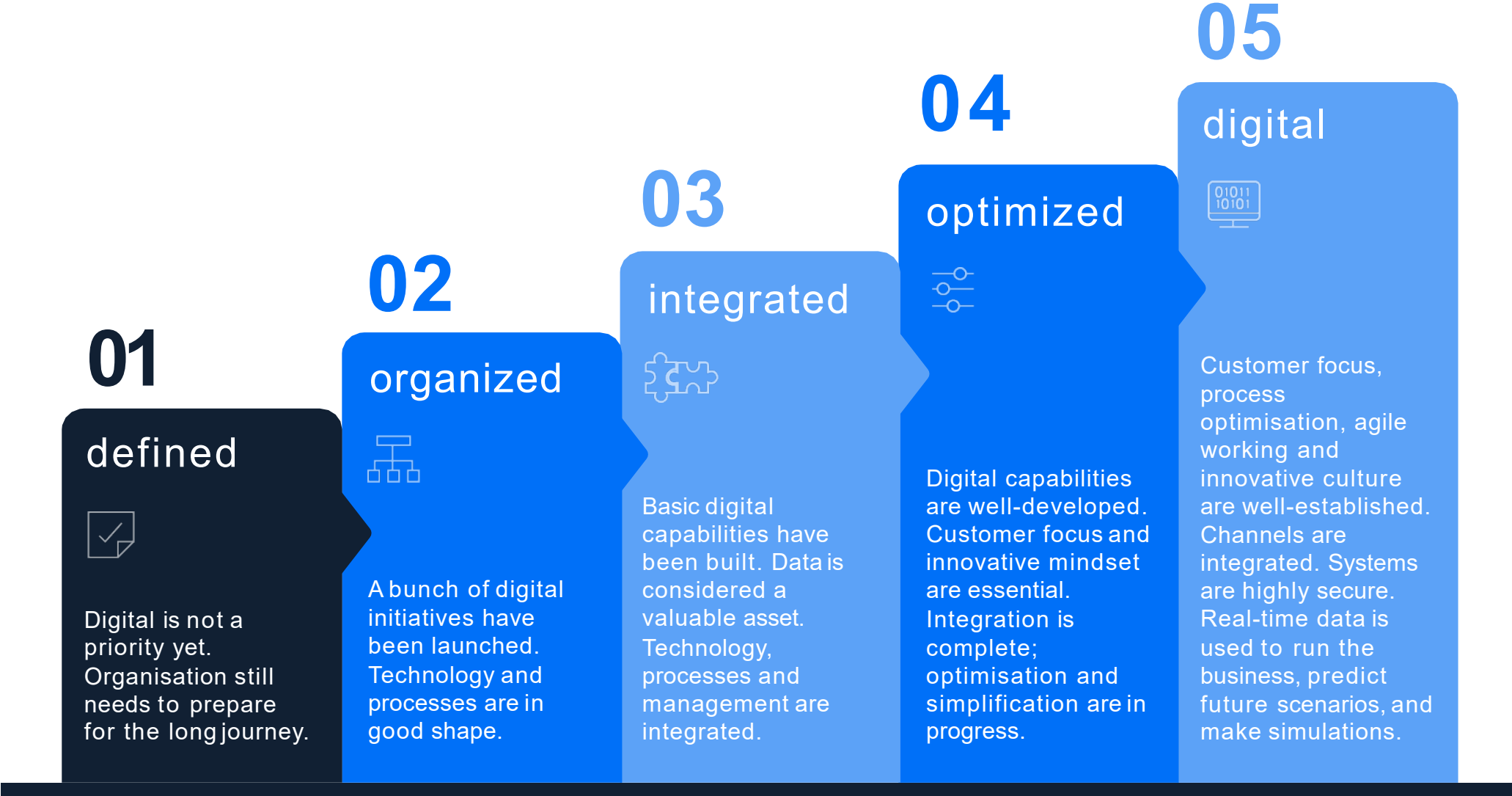


... and many more

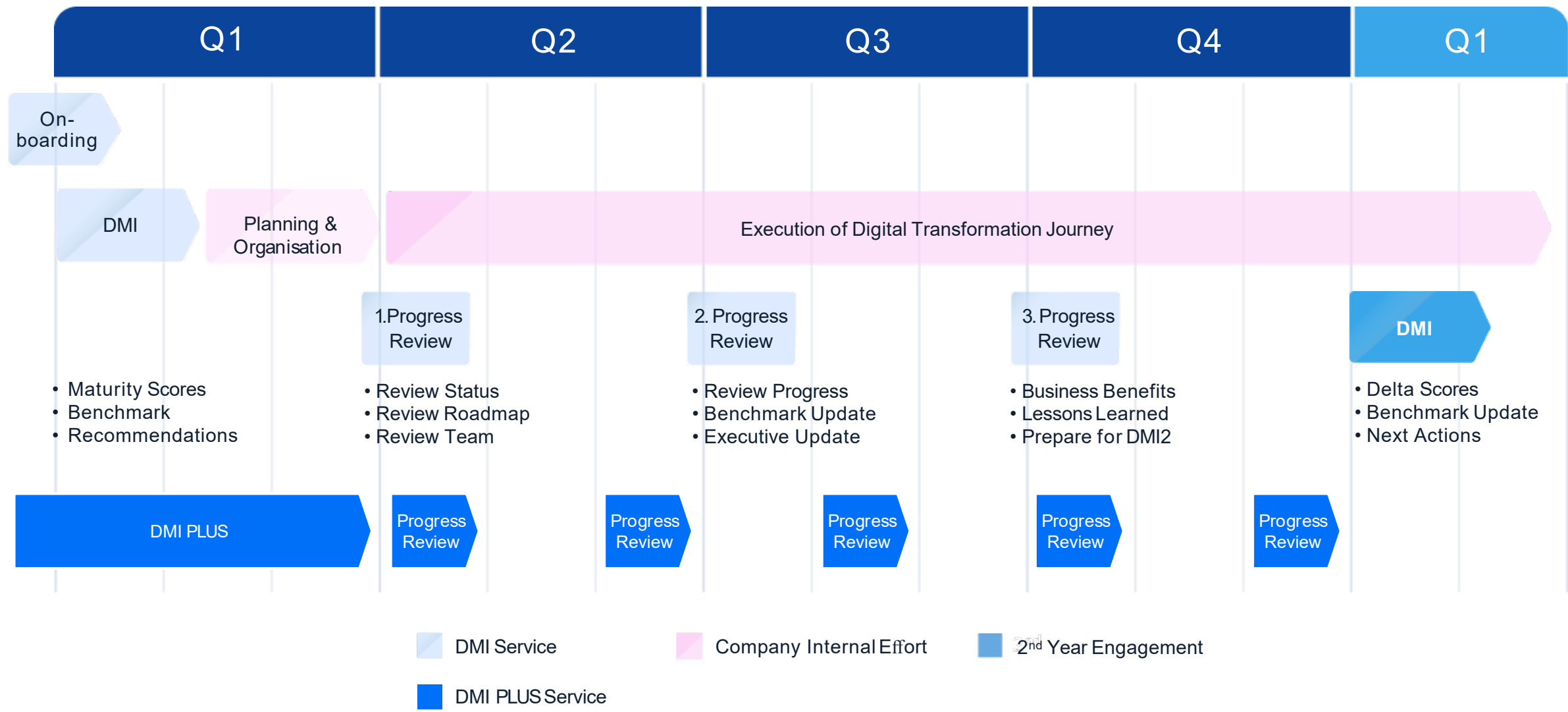
Digital Maturity Index – 6 dimensions and 120 topics



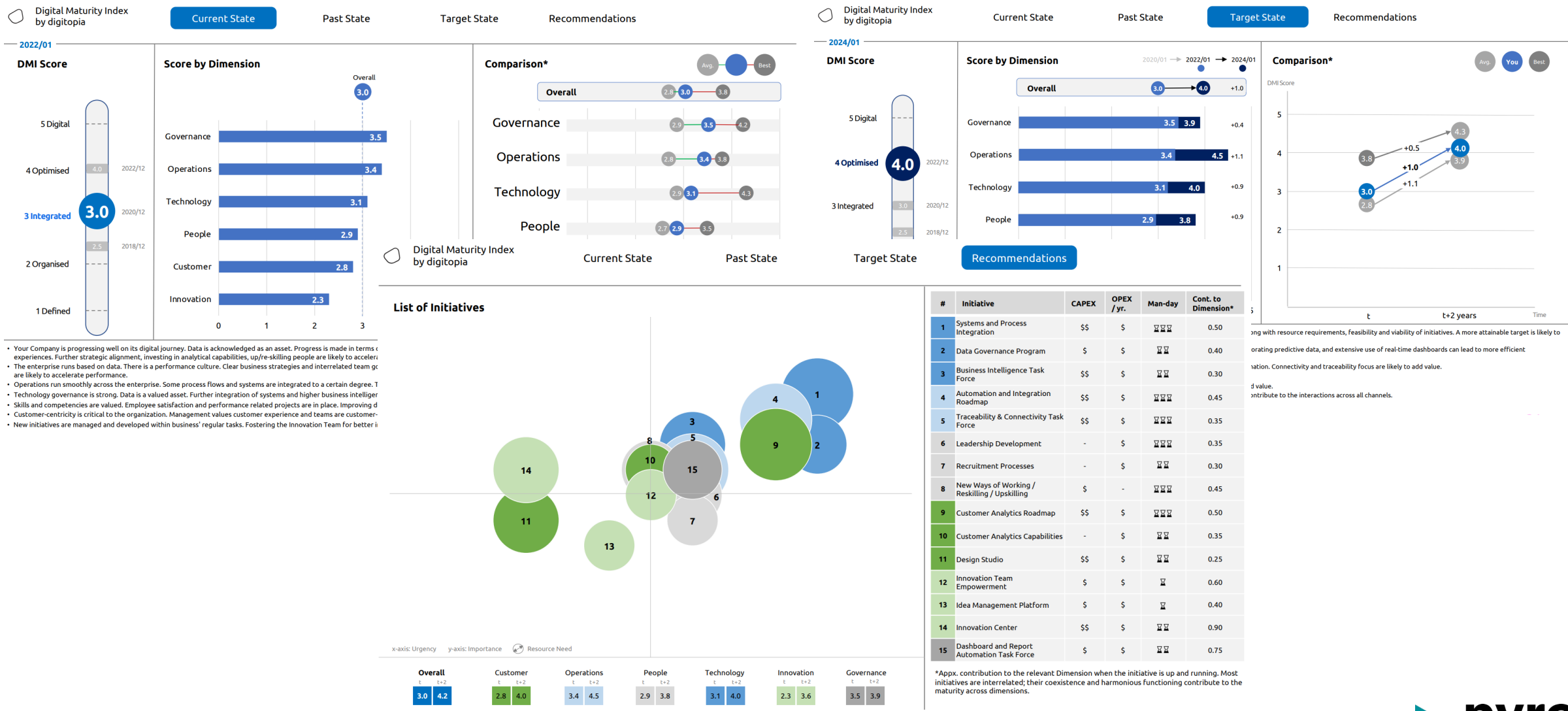
Digital Maturity Index – Five Maturity Levels



Digital Maturity Index – Annual Subscription Service



Digital Maturity Index – Detailed Report and Strategy Creation





**Sustainability
Transformation**

**Business
Impact
Vortex**

**Digital
Transformation**

**Business
Performance**

SMI - Drivers

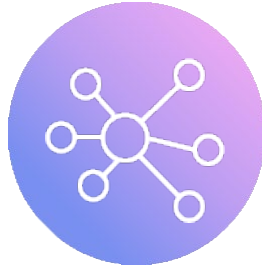


Climate Change

Core operations

Value chain

Broader network



Uncertainty

New government policies

Changing customer, workforce, client and investor preferences



Social Unrest

Extreme weather events such as droughts and storms threaten human safety and food security, lead to migrations.



New Generation

The Greta phenomenon

Leaders measure performance, to drive positive impact.



Sustainability Maturity Index - SMI

SMI enables leaders succeed with their transformation.



Where are we on our sustainability journey?

SMI analysis provides a view on organisation's transformation status vs market and industry best-in-class



How to progress with our business transformation?

SMI recommendations provide detailed and actionable initiatives that are prioritised to accelerate the transformation journey



Do we spend our budget on the right stuff?

SMI roadmap creates a customised and deliverable plan of action that aligns and balances budget and vision

Tangible benefits, to maximise your impact.



Assurance

Stay on target and
maximise your impact.



Alignment

Align your executives
and the organisation to
purpose and strategy.



Acceleration

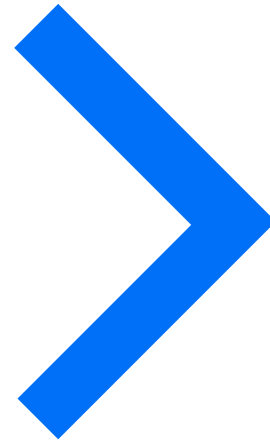
Accelerate your
business transformation
journey.

SMI is much more than “others combined”

SMI is Comprehensive and Conclusive



- Covers a much wider scope of dimensions
- Includes recommendations with business impact
- Cost effective
- Quickest assessment with a relative scope
- Incorporate benchmark driven custom analysis
- Provides an implementable roadmap for leaders
- Embedded with platform play



Others' are Niche and Confined



...and many more

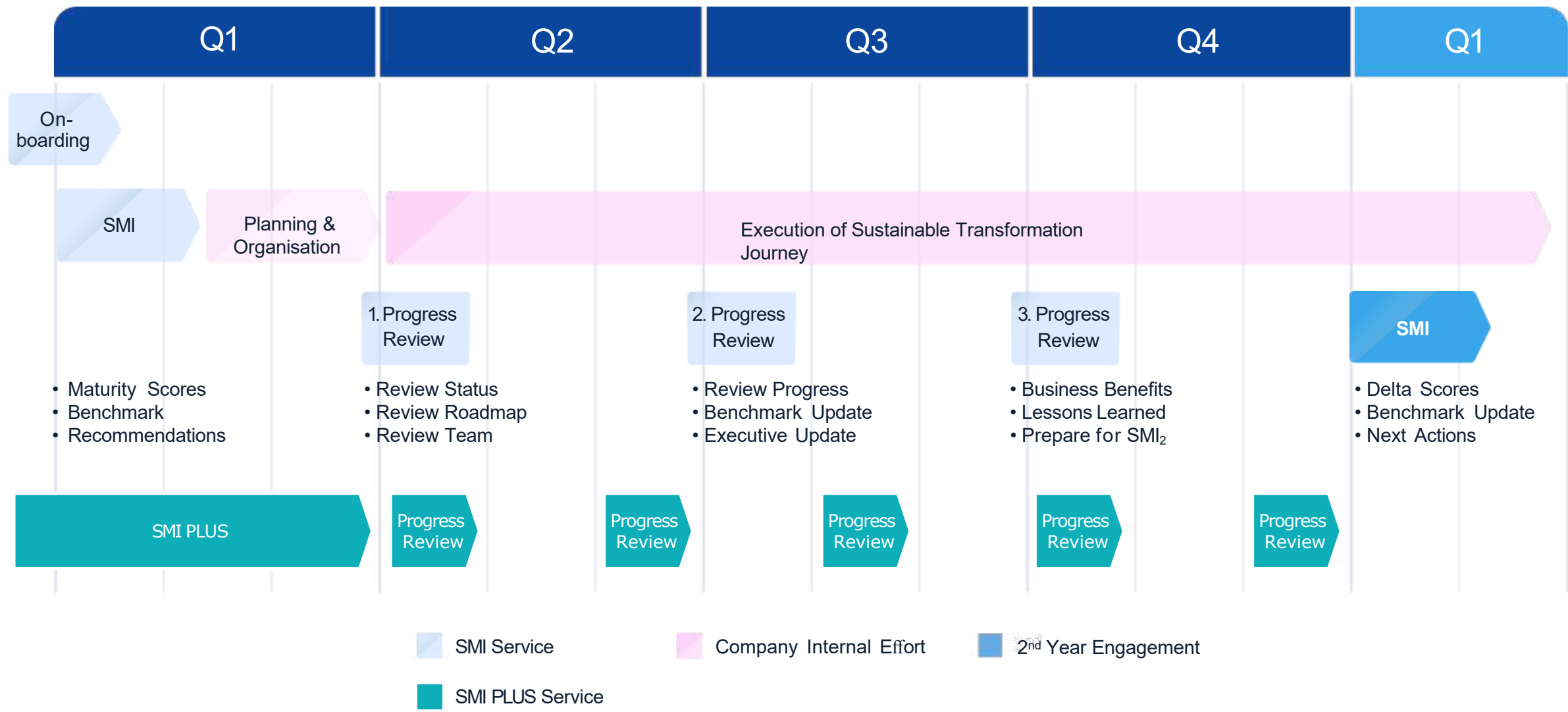
Sustainability Maturity Index Measure your “Green” Transformation.



Sustainability Maturity Index Maturity Levels



Sustainability Maturity Index Annual Subscription Service



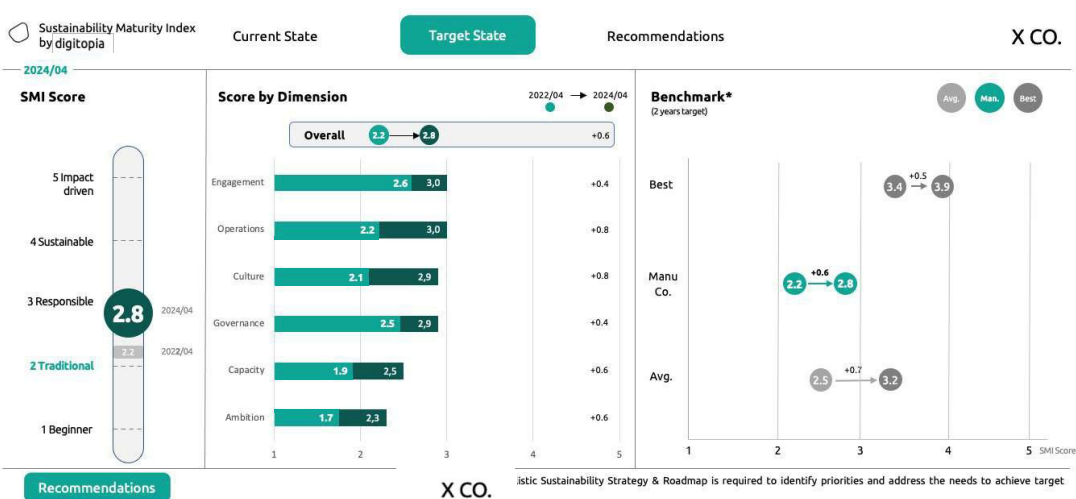
Sustainability Maturity Index Sample Report



X Co is progressing well on its sustainability journey. Sustainable resources are acknowledged as an asset. Progress is made in employee skills, and delivering great customer experiences. Further strategic alignment, investing in analytical capabilities, util

... to ensure the business and sustainable resources are acknowledged as an asset. Progress is made in employee skills, and delivering great customer experiences. Further strategic alignment, investing in analytical capabilities, util

*Based on Sustainable Maturity Index (SMI) sample scoring.
April 2021. Private and confidential.



istic Sustainability Strategy & Roadmap is required to identify priorities and address the needs to achieve target

... to ensure the business and sustainable resources are acknowledged as an asset. Progress is made in employee skills, and delivering great customer experiences. Further strategic alignment, investing in analytical capabilities, util



Digitalization can help to achieve objectives to make fabrication safer & more efficient and increase capacities

Goals and objectives



Significantly increase of fabrication capacity and contribute to faster ROI

- Better and faster provision of services and good on European and Middle Eastern market.
- Raising the level of staff training to the highest level



Maximization of implementation high standards in Safety, Quality and Operational Efficiency

- Utilize cutting edge technologies for increased automation and process system integration in a cost-efficient way



Establish client as leader in the application of cutting-edge technologies for product design and fabrication

- Feature state-of-the-art facilities supported by new technologies for digitalization



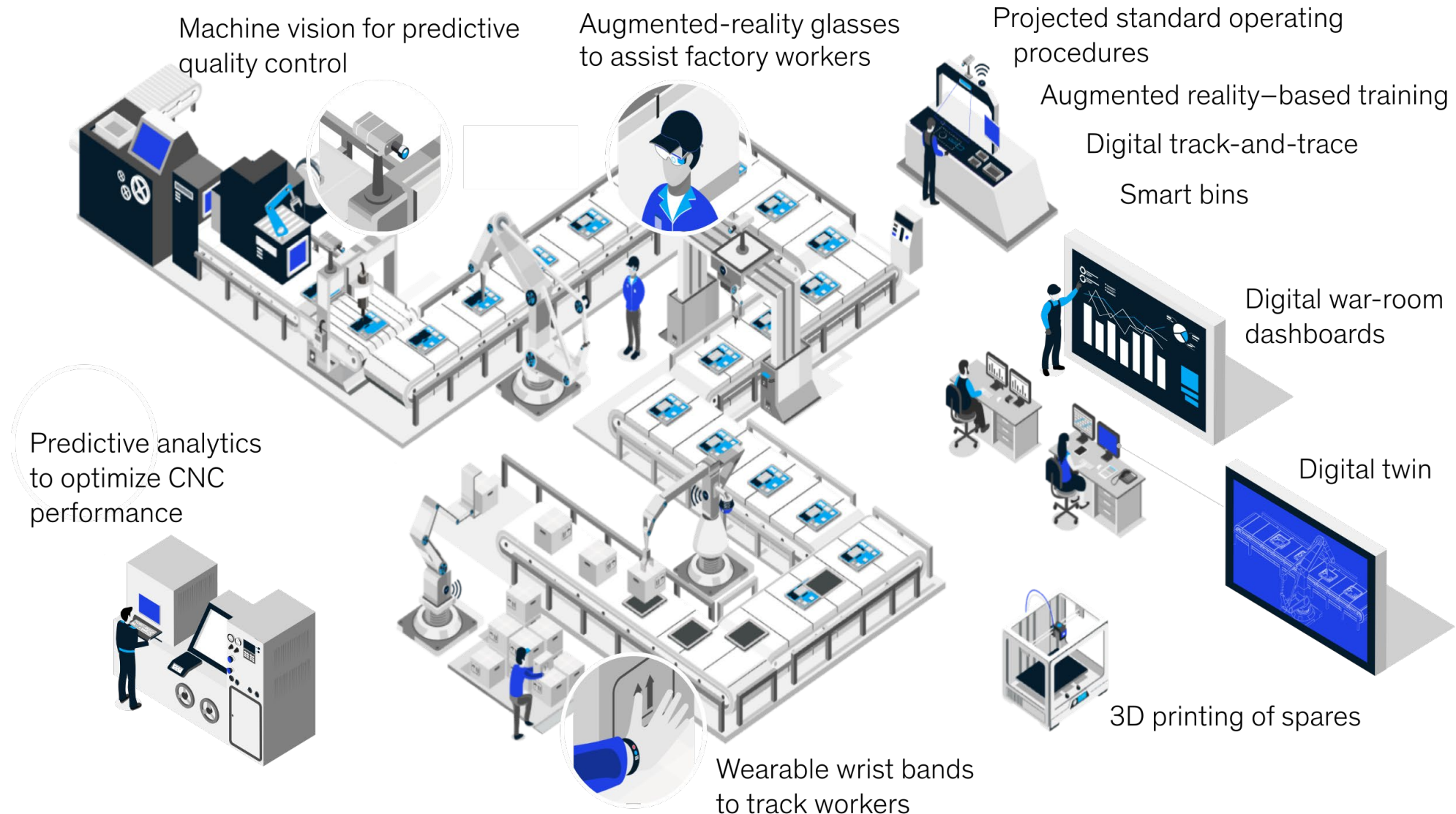
Digitalization of processes will help achieve these objectives



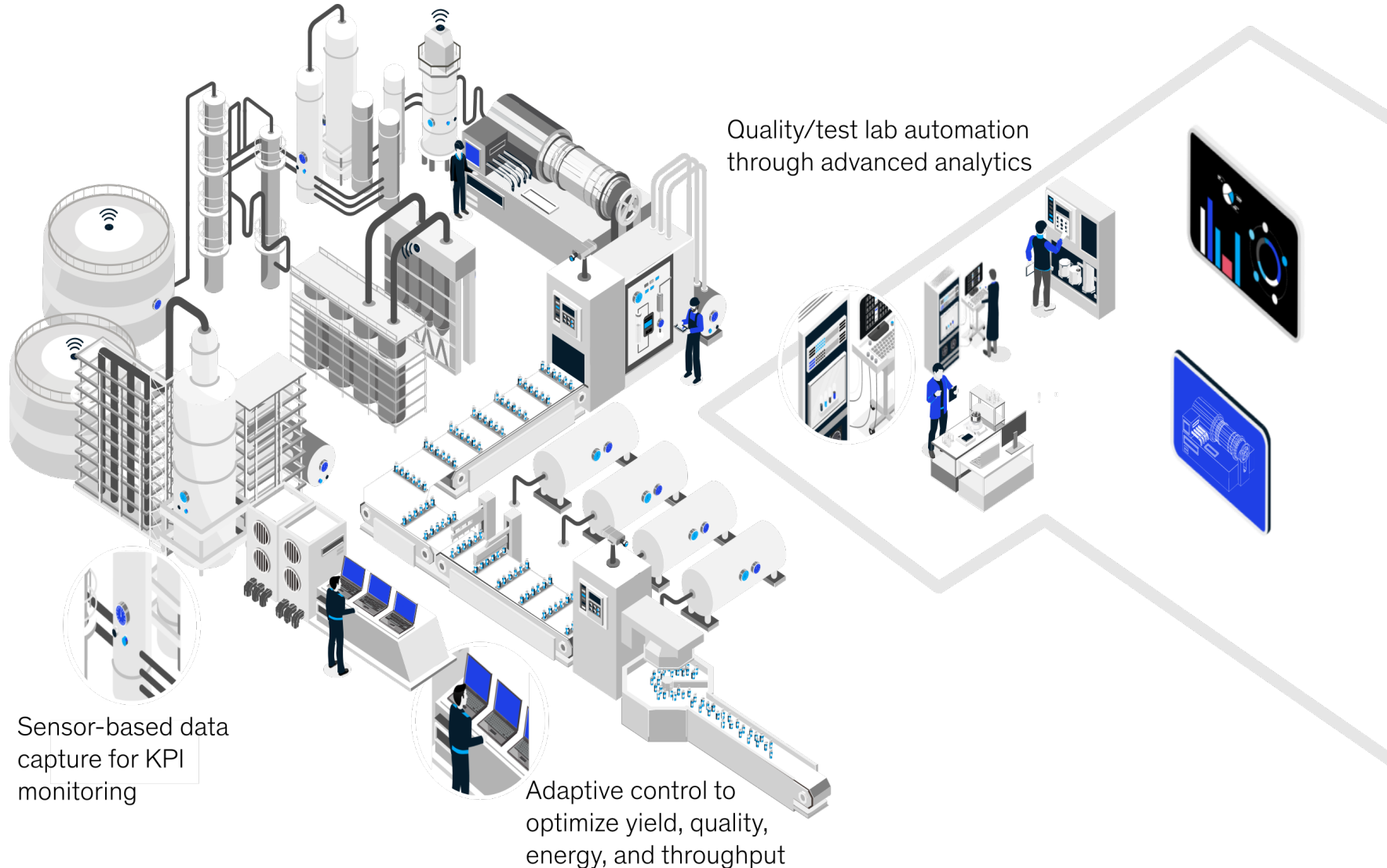
Digitalized and integrated processes, workflows and systems will lead to

- Data transparency, tailorable to different org. levels
- Reliable and informed decision-making
- Increased efficiencies throughout fabrication value chain
- Increased cross-functional collaboration

Industry 4.0 in Manufacturing (Manufacturing 4.0)



Industry 4.0 in Manufacturing (Manufacturing 4.0)



The digital twin application continuously analyses incoming data streams. Over a period of time, the analyses may uncover unacceptable trends in the actual performance of the manufacturing process in a particular dimension when compared with an ideal range of tolerable performance.

Such comparative insight could trigger an investigation and a potential change to some aspect of the manufacturing process in the physical world.

No-code / Low-code

With no-code platform we enable a holistic digital transformation of the complete way of business.

In partnership with Katalyo no-code* platform we provide:

- Smarter, faster and cost-efficient way of work automation and creation of new digital products without writing a single line of code.
- **Complete digitalization of business** with no-code platform.
- **Low-cost** implementation and maintenance.

**Gartner predicts that low code application building would gather more than 65% of all app development functions by the year 2024*
(<https://www.gartner.com/en/documents/3956079/magic-quadrant-for-enterprise-low-code-application-platf>)

Hype Cycle for the Digital Workplace, 2020



gartner.com/SmarterWithGartner

Source: Gartner
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Gartner

Why is No-Code Future of the Digital Transformation?

Automation

Complete automation of business processes in efficient and programming-free way.

Integration

Total business digitalization and integration with the existing systems for holistic business overview.

Improvement

Continuous functionality improvement synched with business needs.



Digitalization

Greater overall need for no-code solutions in every aspect of digital transformation regardless of industry.

Simplicity

Processes are modelled by drag&drop.

Each user can model its own workflows and processes.

Upgrade

No start-from-scratch development. All processes are upgrade from the existing ones.

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