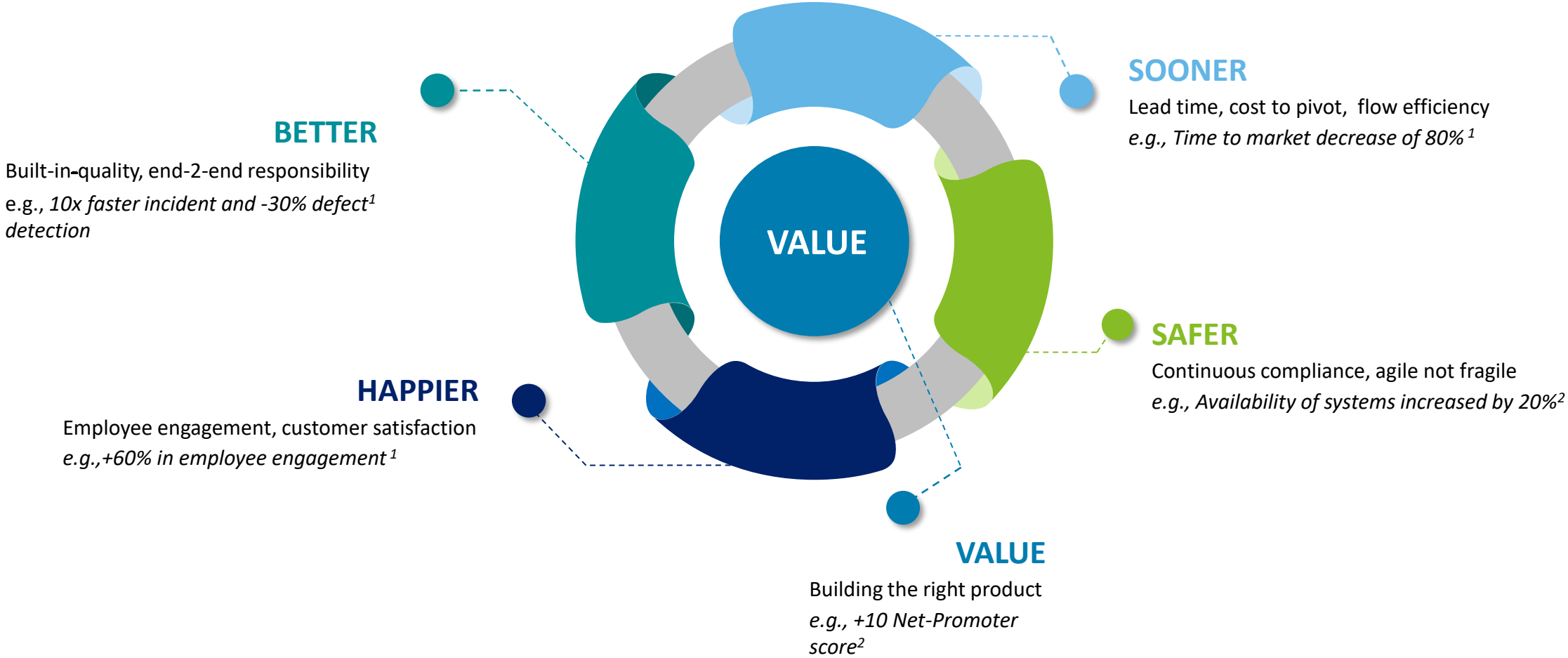


Optimizing Agile and DevOps Transformation

Proven Success of Project-to-Product Transformation

Project-to-product transformation brings quantified benefits based on key business performance indicators



1) Numbers from anonymized Deloitte client projects
2) Numbers from "Sooner Safer Happier", Jonathan Smart, 2020

Agile & DevOps Accelerator

What are the key indicators of high DevOps maturity?

Delivery performance metrics

973x

more frequent
code deployments

Deployment Frequency

How often does your organization deploy code to production or release it to end users? Elite performers are able to deploy multiple times a day.



<1 h

lead time

Lead time for changes

How long does it take for changes to the application or service to be reflected in the production environment?



<1 h

to restore
service

Time to restore service

How long does it take to restore service when a service incident or a defect that impacts users occurs?



0-15%

change
failure rate

Change failure rate

What percentage of changes to production result in service interruption and require actions such as hotfixes or rollback of changes?



Operational performance metric

1.4x

higher organizational
performance

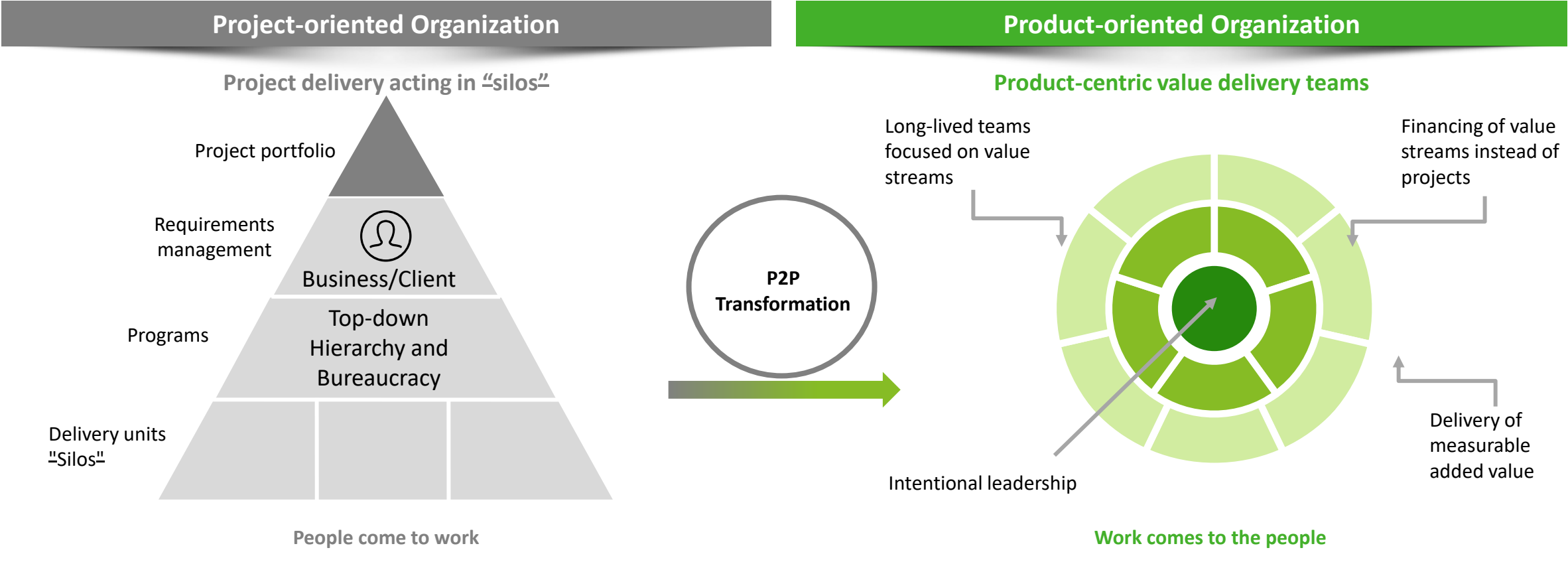
Reliability

This indicator combines traditional measures such as availability, latency, performance and scalability. Organizations with high DevOps maturity demonstrate high operational performance.



From Project to Product: The Paradigm Shift to a Product-oriented Organization

The transition from a project- to a product-oriented organization enables a sharp focus on customer value generation and the flexibility to adapt to changes.



Gartner predicts that by 2023, **approximately 40% of large enterprises** will manage internal business capabilities as products to drive continuous innovation and competitive advantage¹.

¹Gartner: How Moving From "Project" to "Product" Affects IT Governance (2019)

Our Approach Focuses on 5 Core Dimension

Deloitte is here to support you by continuously enhancing and optimizing your performance across all five dimensions.

LEAN MANAGEMENT & MONITORING

1. Streamlining change approval processes
2. Monitoring and observability
3. Proactive failure notification
4. WIP limits
5. Visualizing work
6. Monitoring systems to inform business decisions
7. Lean flow metrics

PRODUCT & PROCESSES

1. Customer feedback
2. Making work visible throughout the value stream
3. Working in small batches
4. Team experimentation
5. Requirements engineering
6. Organizational patterns

ARCHITECTURE

1. Loosely coupled architecture
2. Cloud infrastructure
3. Architect for empowered teams to choose tools
4. Cross-functional teams
5. Secure and operable architecture

CULTURAL

1. Organizational culture
2. Learning culture
3. Collaboration between teams
4. Job satisfaction
5. Transformational leadership

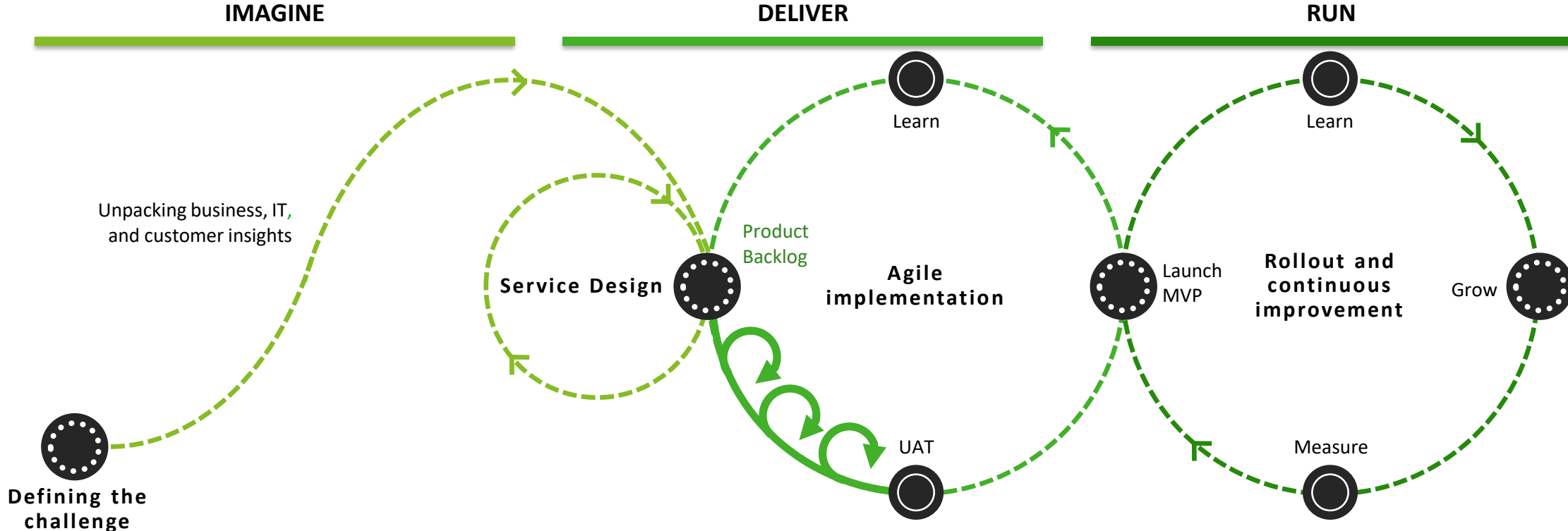
CONTINUOUS DELIVERY

1. Version control
2. Deployment automation
3. Continuous integration
4. Trunk-based development
5. Continuous testing /test automation
6. Test data management
7. Shift left on security
8. Continuous delivery
9. Database change management
10. Code maintainability

*based on Accelerate by Nicole Forsgren, Jez Humble, Gene Kim, 2018 and [DORA / Google DevOps Research](#)

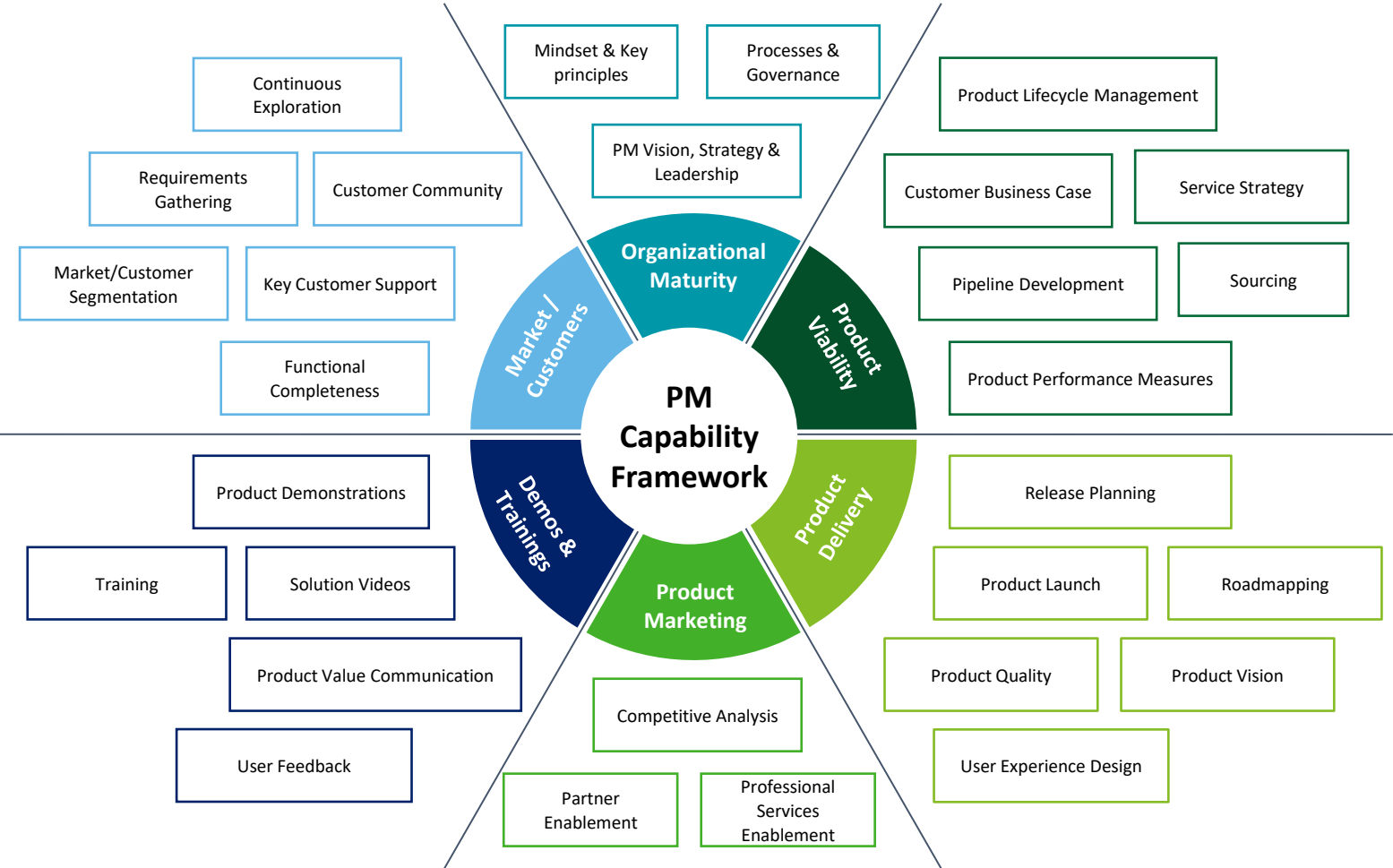
Our Agile Product Delivery Approach

We work cross-functionally to achieve fast results by matching business sense with informed design, agile delivery, and early testing.



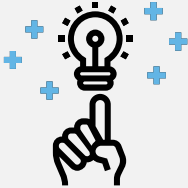
Product Management Capability Framework

Our framework is based on community best practices and the experience gained from transformation projects that established product-oriented organizations.



Product Management Capability Framework

- Proven framework based on product management good practices
- Evaluates the presence of critical product management capabilities and where to improve
- Facilitates understanding of the components required for a successful product-led organization
- Helps visualize and make transparent the factors that limit product success
- Used in a recurring manner to assess progress in building product management capability



Your Contacts



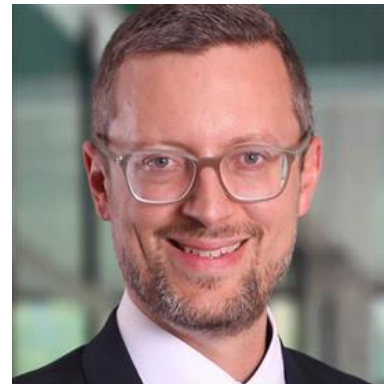
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