



# Catena-X Onboarding Journey

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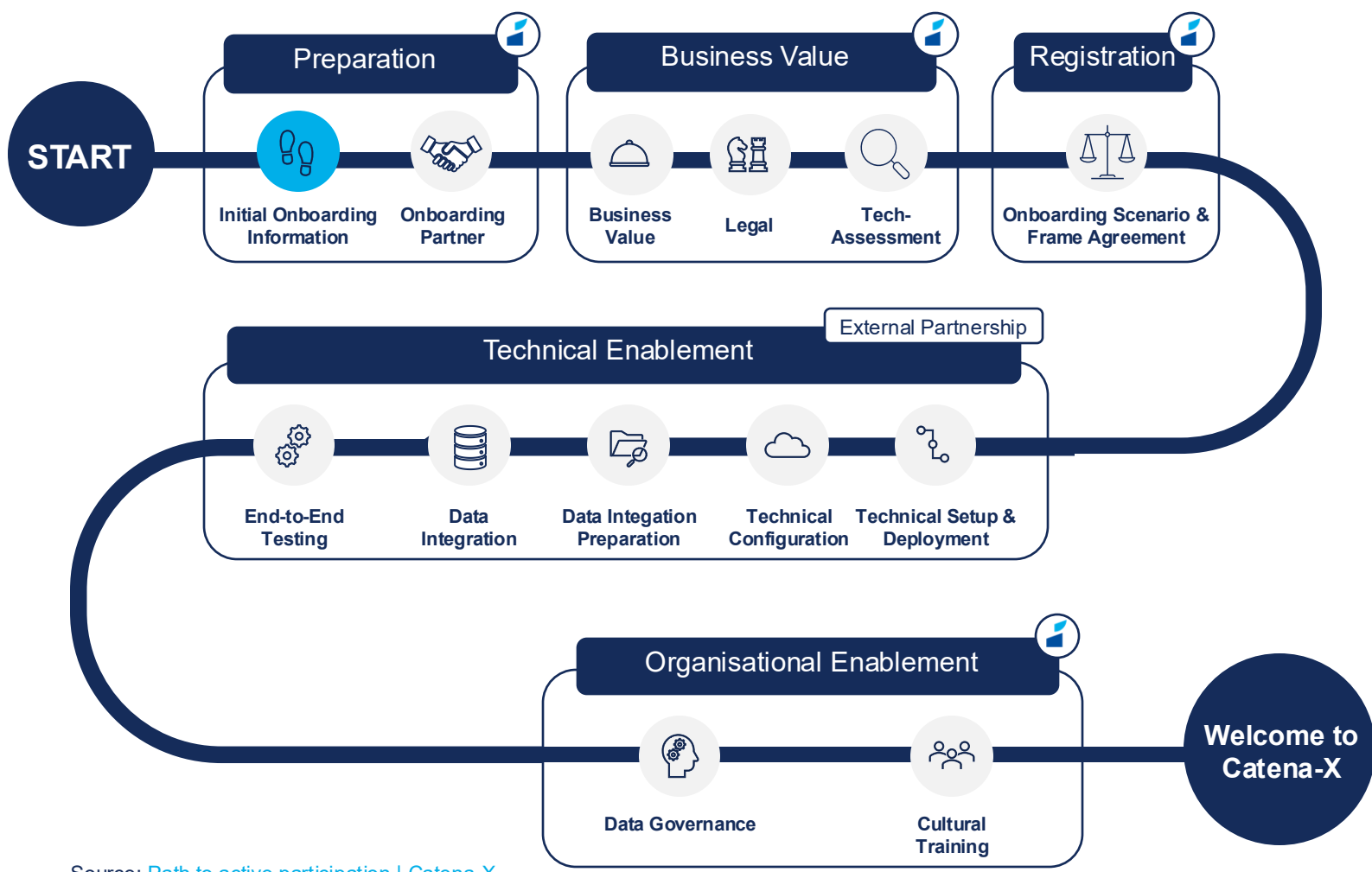
PEOPLE. PASSION. PERFORMANCE.



# The Onboarding Journey

# Approach: The Catena-X Onboarding Journey

Comprehensive support of through the Onboarding Journey:



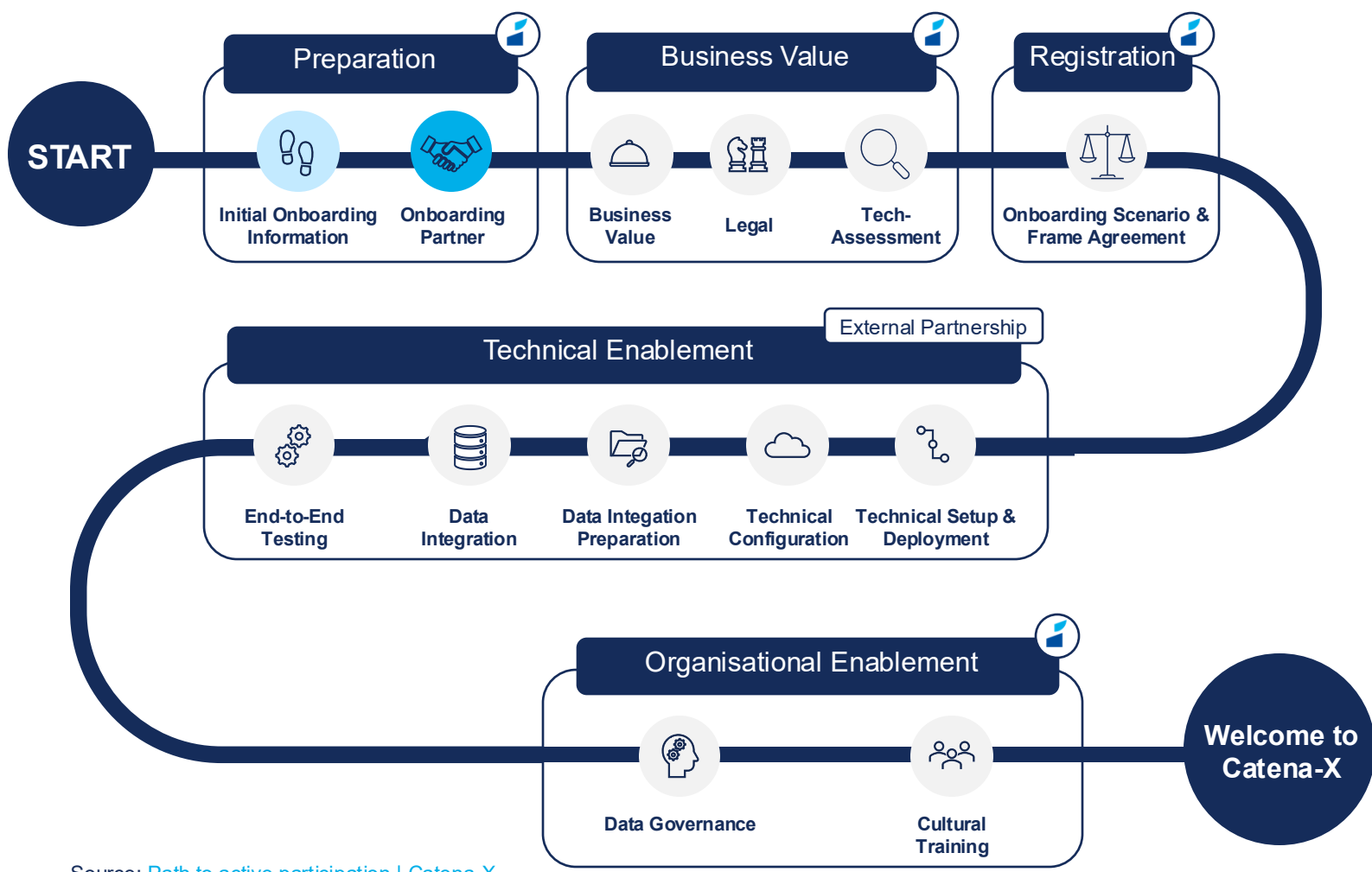
## Initial Onboarding Information

- Receive all relevant information on the onboarding journey via the onboarding package
- Clarification of the main onboarding-related questions
- Selection of standardized onboarding packages
- Assure core stakeholders required for onboarding are mobilized and informed to assure a smooth onboarding journey
- Main Stakeholder Roles:
  - General Manager
  - IT Specialist
  - Business Specialist

Source: [Path to active participation | Catena-X](#)

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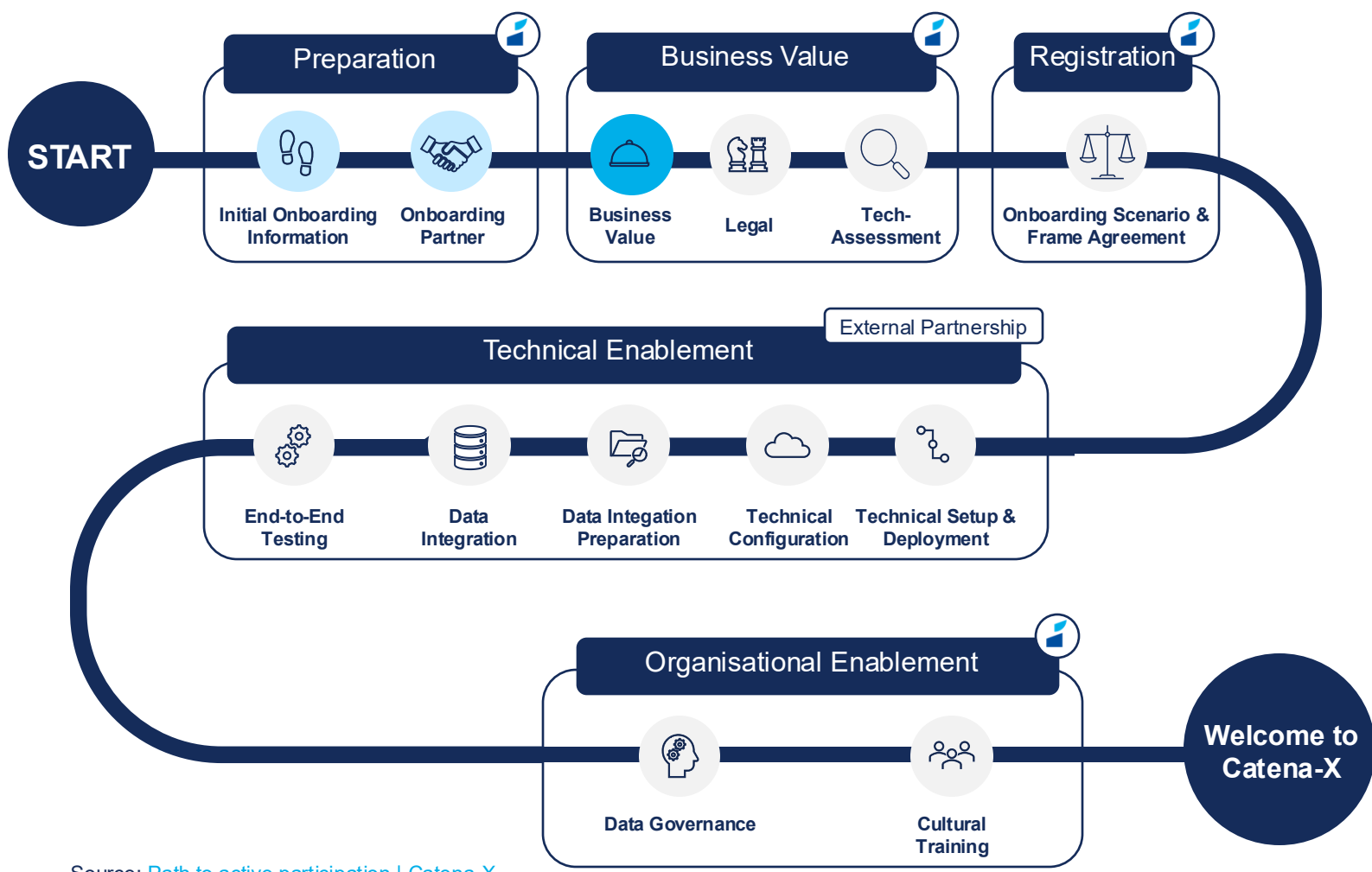
## Select your Onboarding Partner

- An operating company as well as consulting, implementation, and/or backend integration partner can support your company during onboarding
- Utilize standard software packages or consulting services to leverage existing expertise and skills, and to reduce onboarding and integration efforts

Source: [Path to active participation | Catena-X](#)

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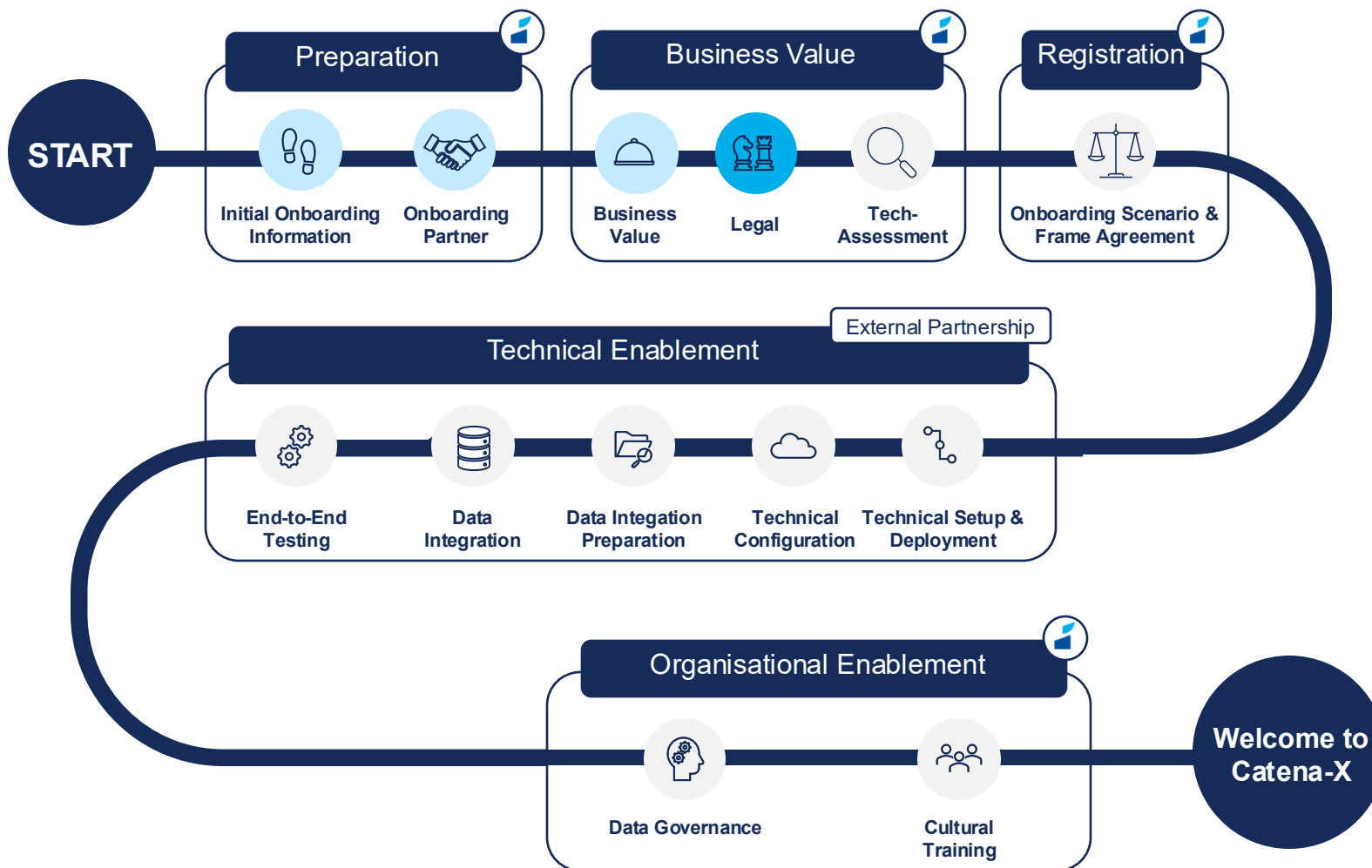
## Business Value

- Derive arguments to convince sponsors and decision makers within the joining company.
- Analyze internal business value of joining Catena-X network using the business value framework
- New business opportunities can be identified and leveraged.

Source: [Path to active participation | Catena-X](#)

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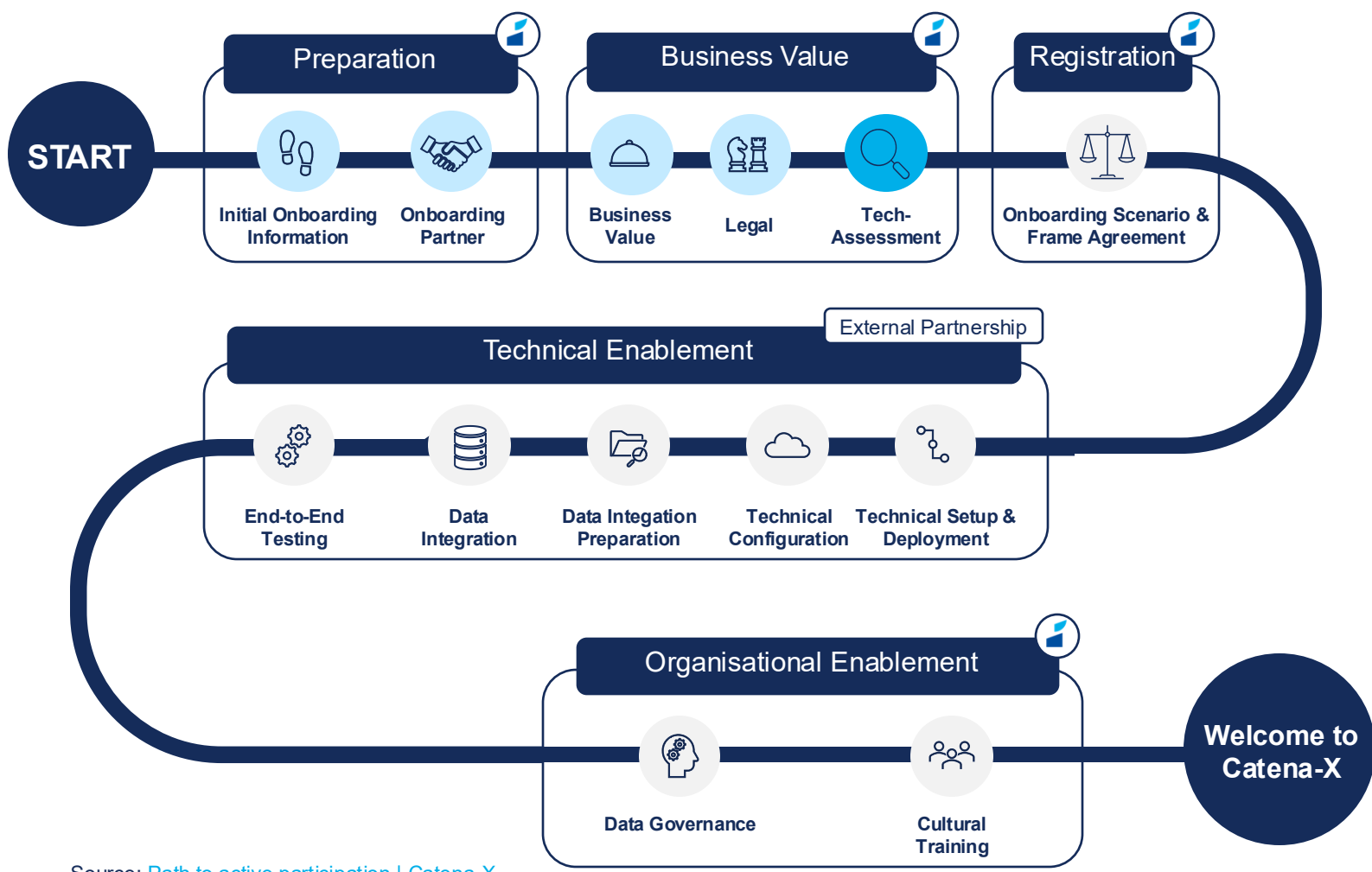
Source: [Path to active participation | Catena-X](#)

## Legal

- For the success of the Catena-X network and each individual partner it is crucial to know the legal and contractual requirements
- For participating companies which are needed to execute data exchange between Catena-X participants
- Assess Catena-X legal framework and frame contract with Catena-X partners as well as the Catena-X principles for data exchange via EDC and Catena-X governance framework.

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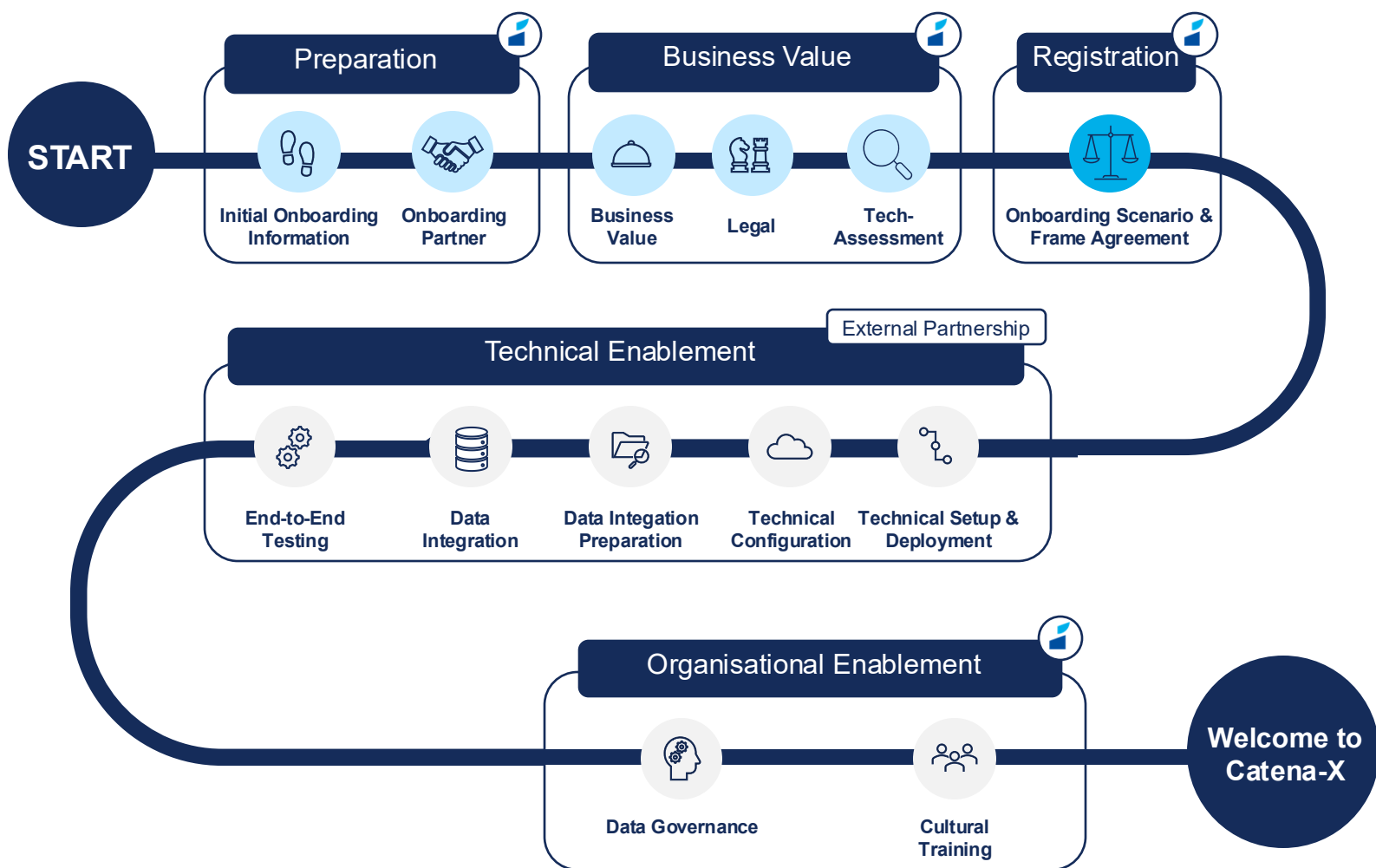
## Technical Assessment

- Assess the technical infrastructure and organizational set up of the company prior to join Catena-X
- Answer the questions in the assessment to help to make decisions on the deployment scenarios, make or buy options and operations
- The results of the technical assessment are meant for an internal onboarding preparation

Source: [Path to active participation | Catena-X](#)

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Comprehensive support of Ingenics in the following sections:



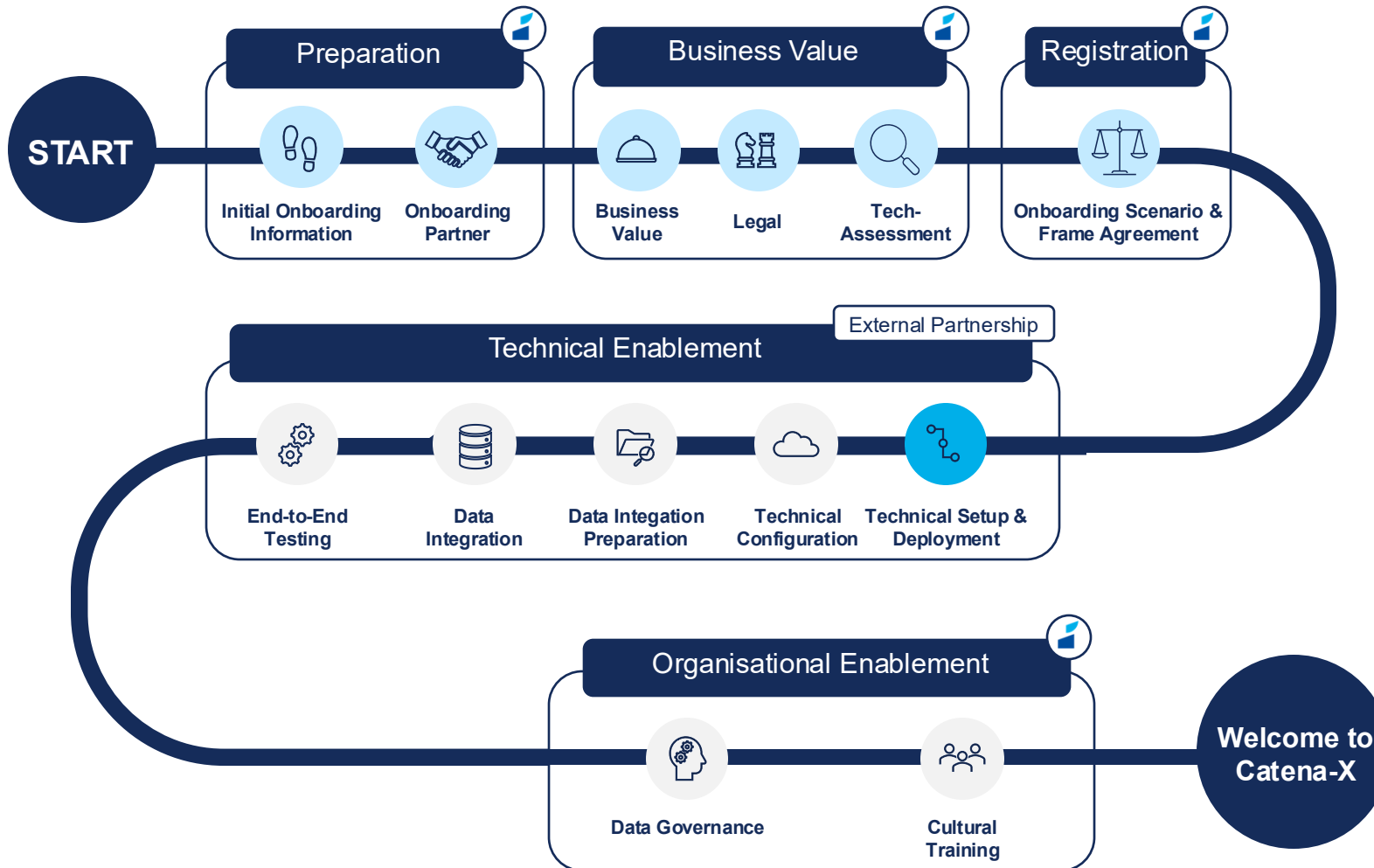
## Onboarding Scenario & Frame Agreement

- Conduct the scenario questionnaire to determine the company's technical onboarding scenario
- The onboarding journey will vary based on your type of participation in network
- Prior to registration, assessment and decisions needs to be made which legal entities should be represent the company
- To get access to the Catena-X ecosystem including offered apps and services, registration must be completed

Source: [Path to active participation | Catena-X](#)

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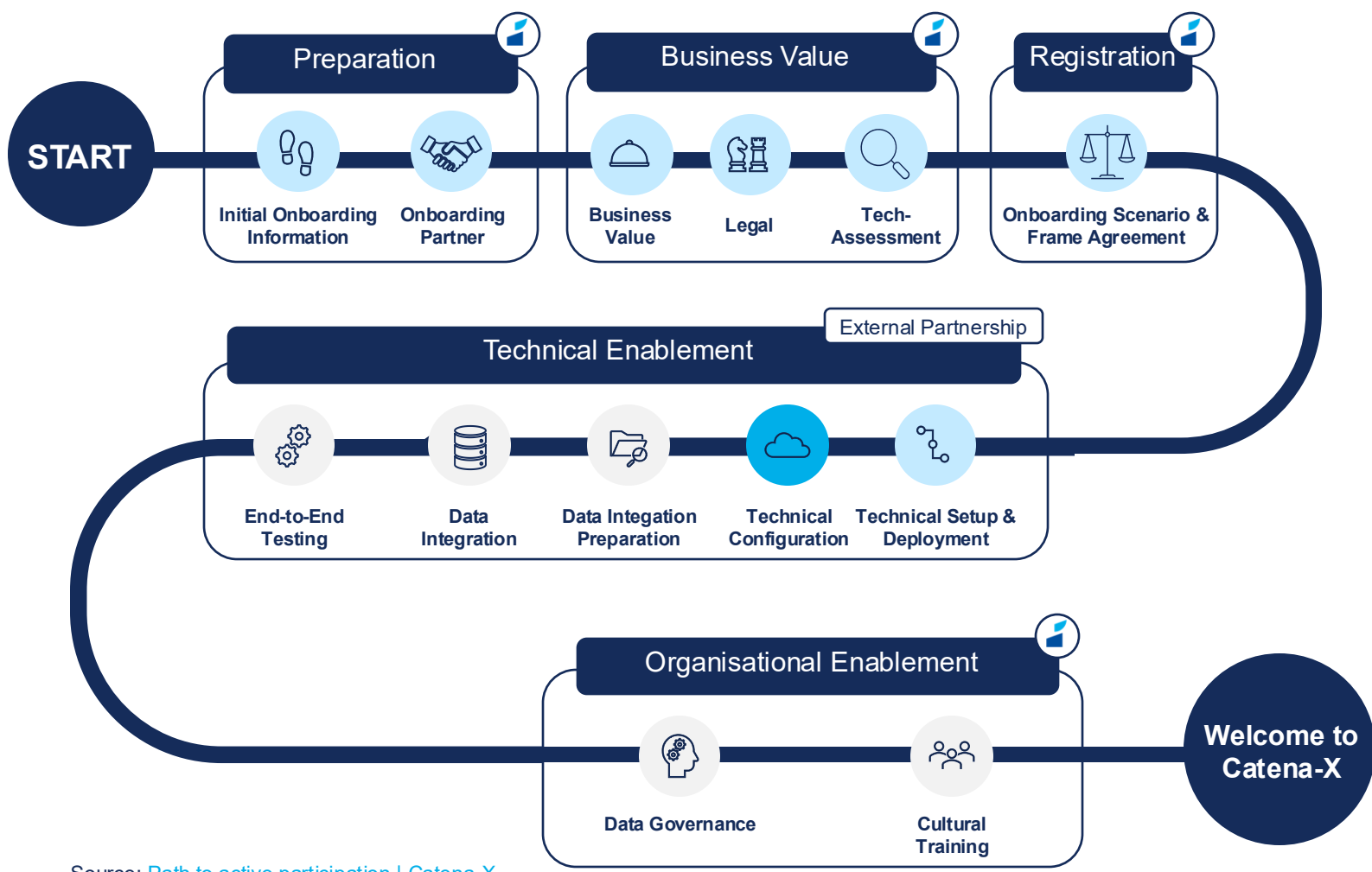
## Technical Setup & Deployment

- Selection of required infrastructure (internal vs. external hosting).
- Installation of Eclipse Dataspace Connector.
- Establishing communication between the infrastructure and Catena-X.
- Example:  
A Tier-1 supplier wants to **share component traceability data**. They deploy the **Eclipse Dataspace Connector (EDC)** on their internal servers, enabling a secure data exchange channel with OEMs.

# Approach: The Catena-X Onboarding Journey



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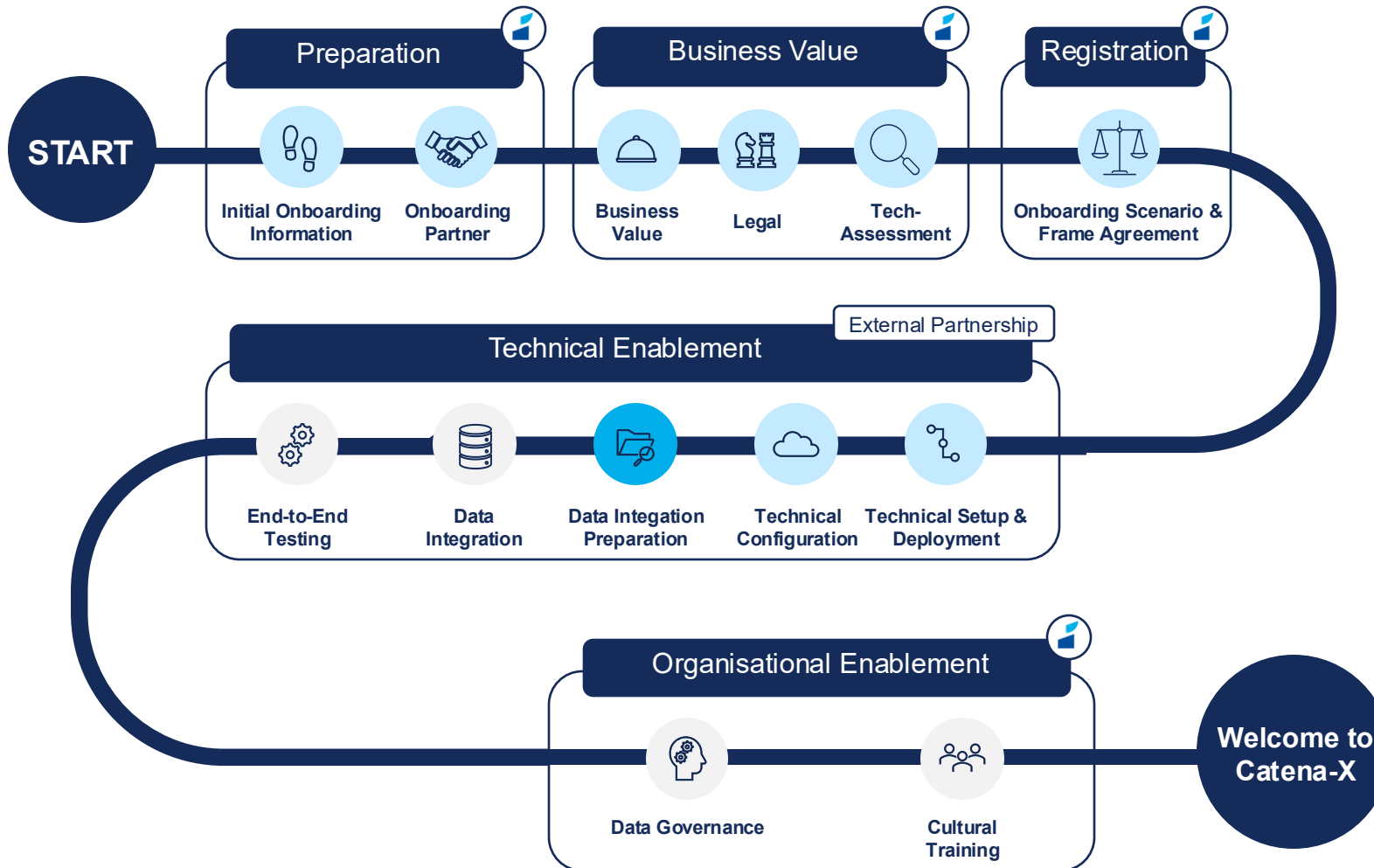
## Technical Configurations

- Configuration of the Catena-X Data Connector.
- Defining access and security policies.
- Example: They define policies to allow access **only to trusted partners and comply with the data sovereignty standards.**

Source: [Path to active participation | Catena-X](#)

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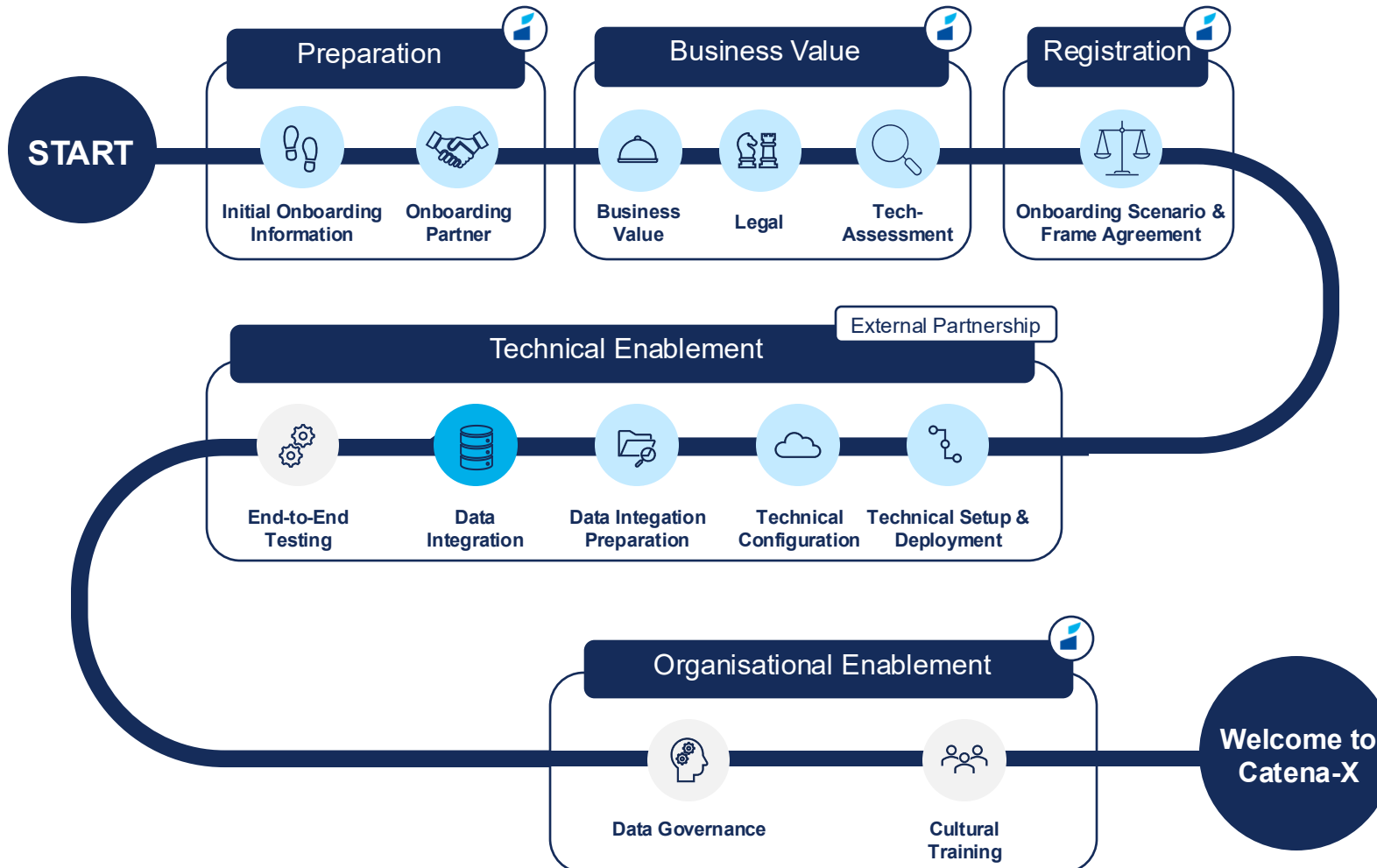
Source: [Path to active participation | Catena-X](#)

## Data Integration Preparation

- Identifying relevant data sources (e.g., master data, production data).
- Defining data formats according to Catena-X standards.
- Conducting a readiness check for data quality and structure.
- Example:  
A battery manufacturer preparing for **PCF (Product Carbon Footprint) reporting** checks if their **emission data** aligns with **Catena-X's PCF Rulebook v3.0**. They find gaps and clean their data to match the required format.

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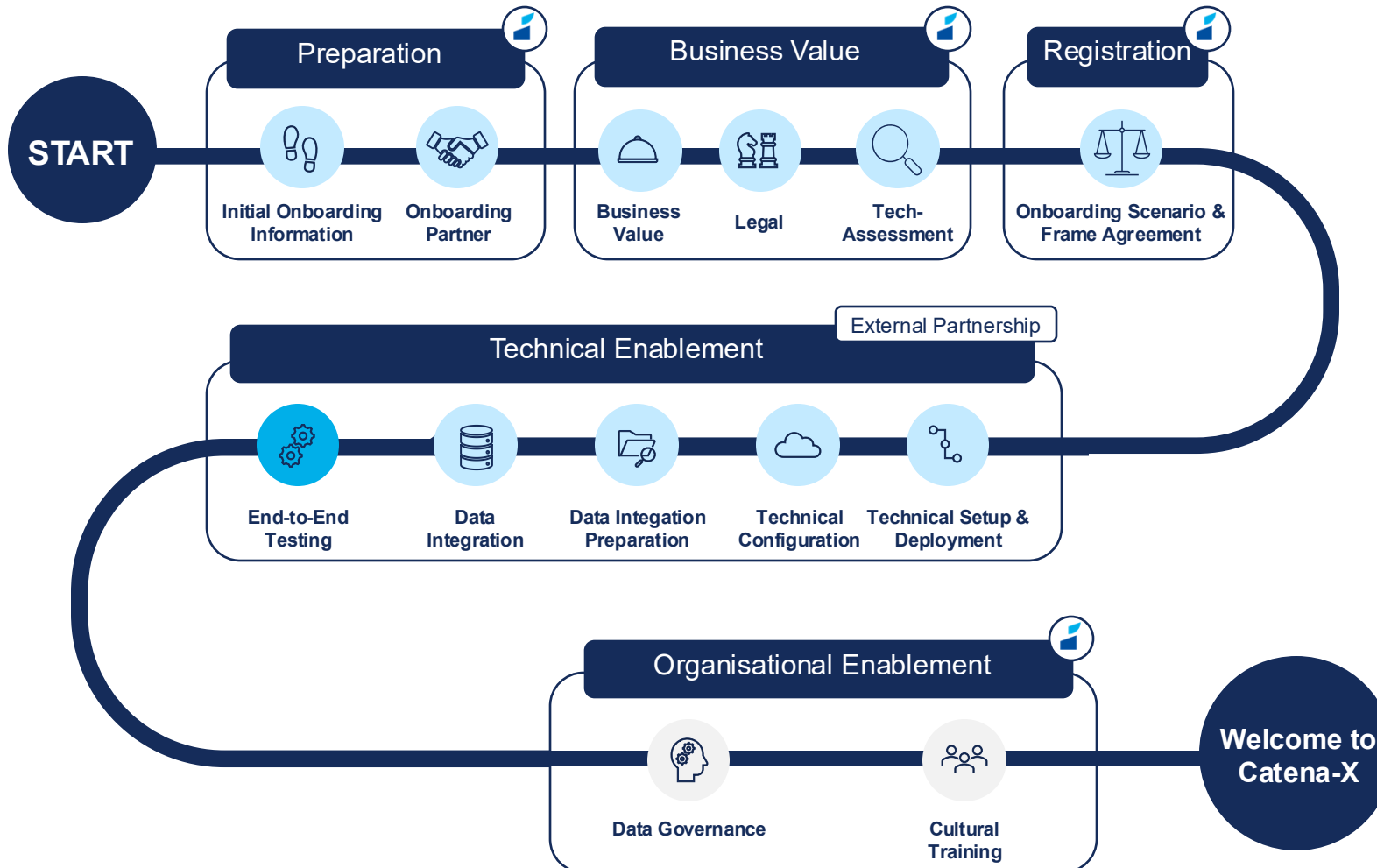
Source: [Path to active participation | Catena-X](#)

## Data Integration

- Connecting to existing ERP, PLM, or other relevant systems.
- Setting up real-time or batch data transfer.
- Validating data integrity and consistency.
- Example:  
A company using **an ERP** integrates it with Catena-X to automate data exchange.

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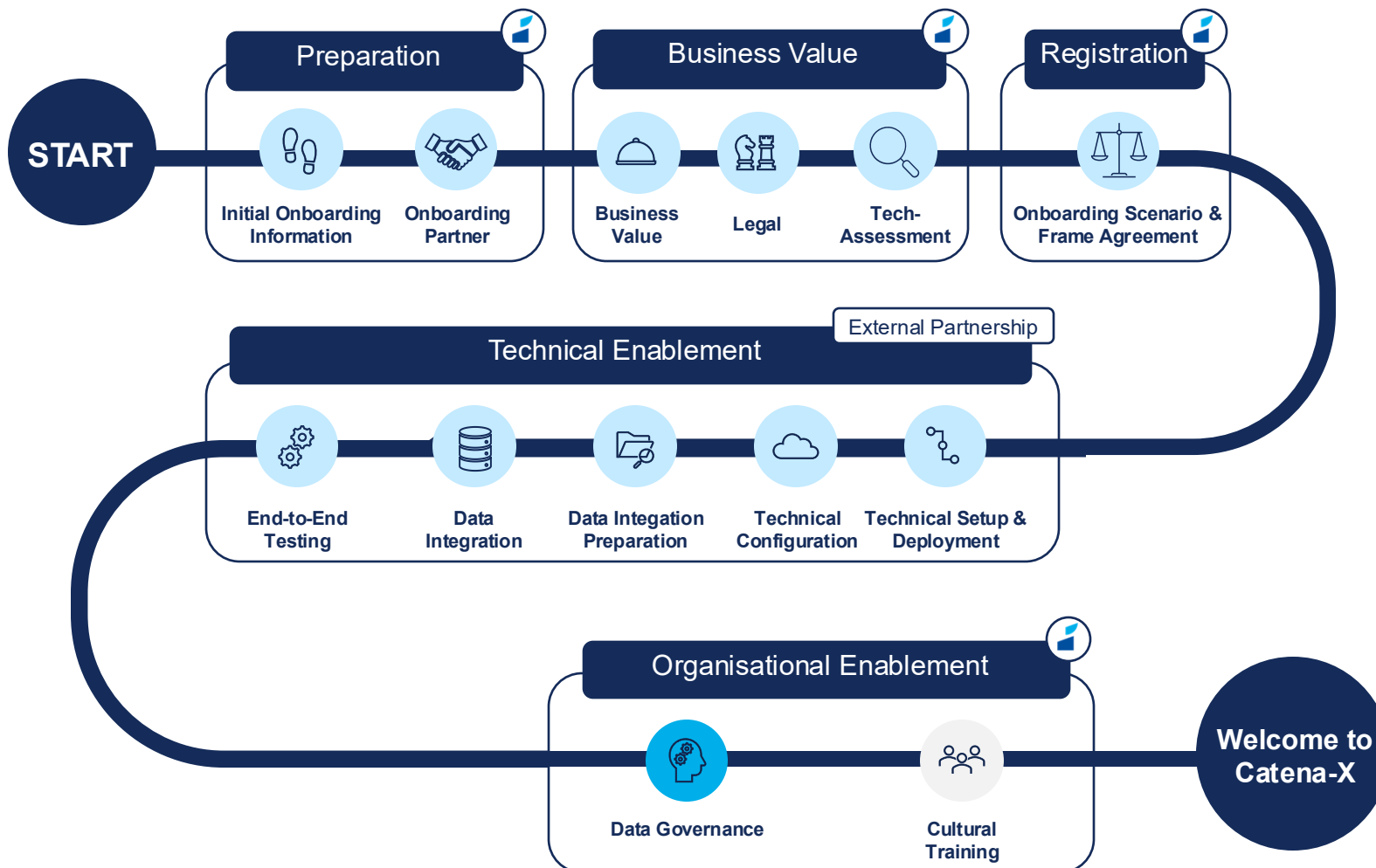
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## End-to-End Testing

- Testing data flows between systems.
- Checking permissions & security policies.
- Load & Performance Testing to verify that large-scale data exchange remains efficient and scalable under high transaction volumes.
- Example:  
A **steel supplier** shares **material compliance data** with an **OEM**. They test if the data reaches the OEM, ensuring it is **accurate, formatted correctly, and accessible only to authorized users**.

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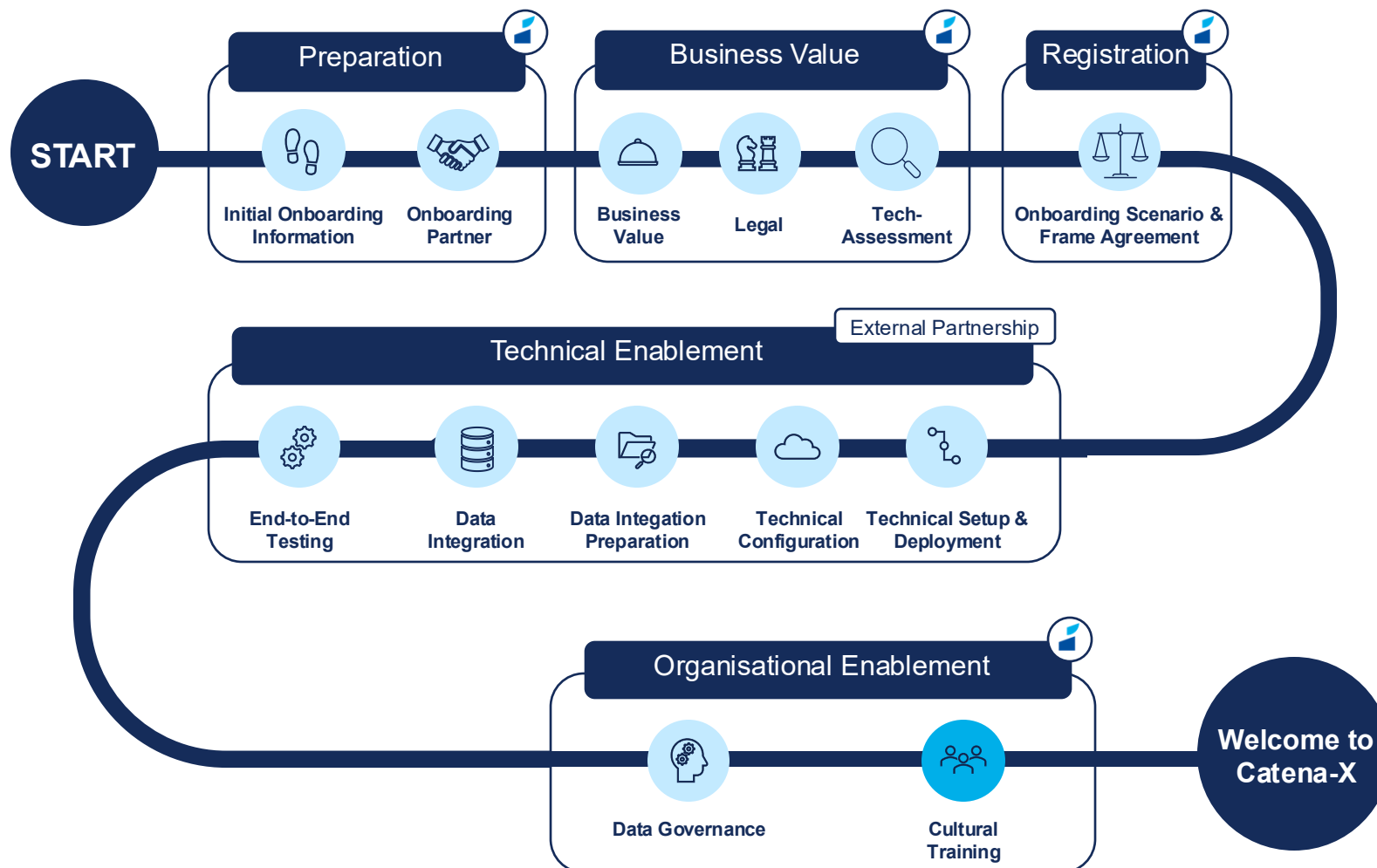
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## Data Governance

- Assess the impact of joining the Catena-X network on the data governance framework – it is requisite for sharing data between partner within the network
- Integrate Catena-X in your Data Governance Framework (Strategy, organization, processes & standards, technology & solutions) incl. legal agreements and data contracts (EDC), data release processes, data provisioning and consumption scenarios

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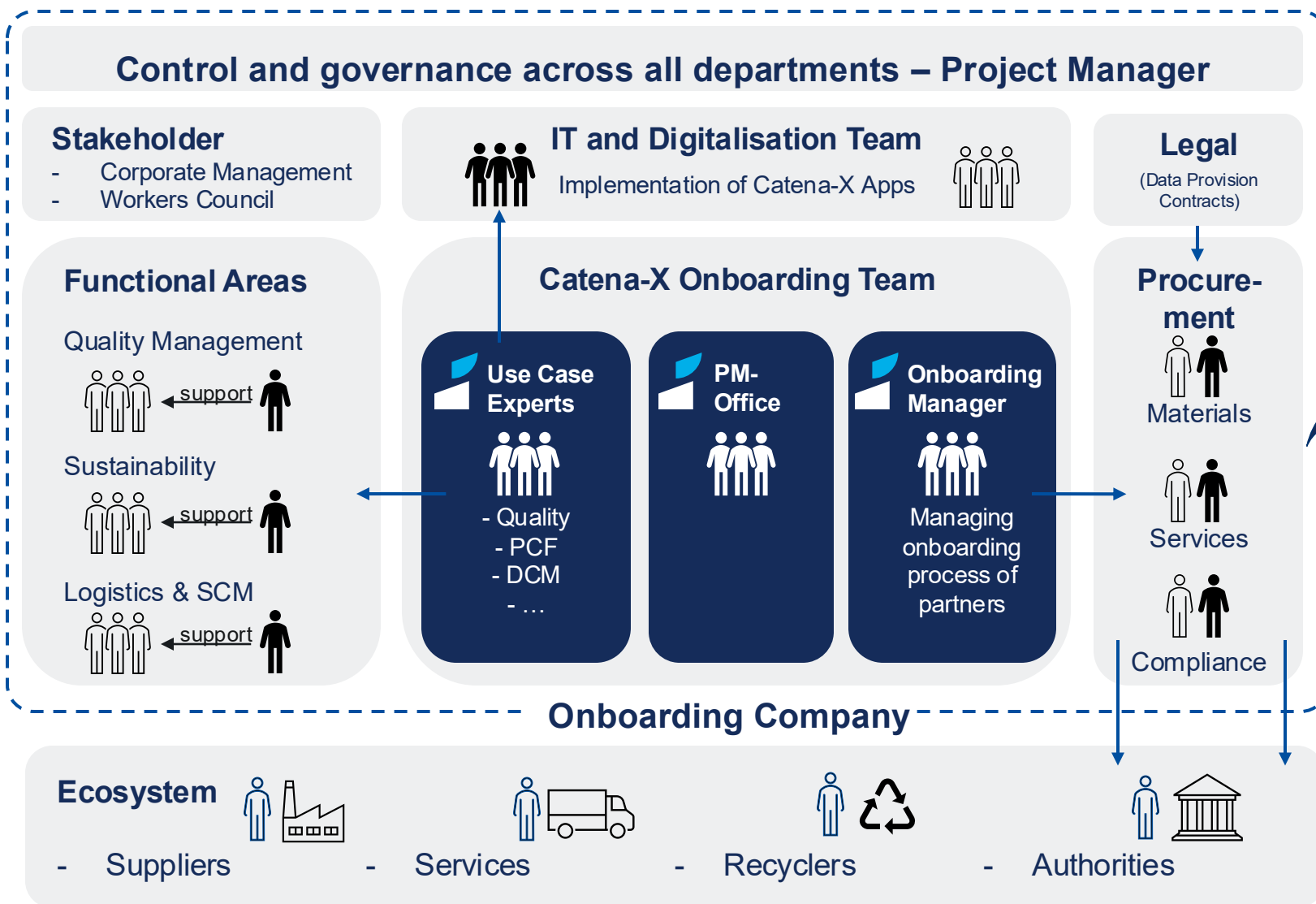


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## (Cultural) Training

- Depending on the use cases and the goals people, processes and technology may be significantly impacted
- For a successful transformation, a comprehensive impact analysis of the affected organizational parts is necessary and should be followed by supporting transformation activities

# Catena-X – Company Onboarding Set up



The onboarding process requires collaboration across multiple departments and individuals within the company.

The CX Onboarding Team must appoint **three essential key-roles** to ensure successful implementation.

- 1. Use Case Expert**  
Evaluates, plans, and coordinates Catena-X use case implementation across sites.
- 2. PM-Office**  
Leads onboarding with roadmaps, budget control, and stakeholder communication.
- 3. Onboarding Manager**  
Integrates ecosystem partners into Catena-X through engagement, planning, and technical support.

# Quick Start for Catena-X Readiness

## Catena-X Potential Workshop (1 day)

### Basics

- Digitalization of supply chains - Catena-X as a data-driven ecosystem
- Catena-X, Cofinity-X and Manufacturing-X - structure, organization, networks and players

### Application & configuration

- Catena-X configuration - technology, architecture and sovereign data rooms
- Cofinity-X marketplace, services, use cases and applications
- Possibilities of the Catena-X network - use cases, value propositions and processes
- Interactive Catena-X game: players, roles, processes

### Execution

- Comparison of your own digitization strategy with the possibilities of Catena-X as a value driver in business cases
- Technical requirements and infrastructure
- The Catena-X onboarding process



### Polygran Services

- **Catena-X Onboarding**
  - Registration and deliver your Business Partner Number
- **Technical Enablement**
  - Technical Setup and Deployment
  - End-to-End Testing of a Data Transfer between Data Provider and Data Consumer
  - Monitoring
  - Support for self-hosted setup or hosting by Polygran

# Our Catena-X Experts



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