SECOND ECLIPSE TRACTUS-X COMMUNITY DAYS
16. – 17.05.2024
STUTTGART

SUPPORTED BY:
Solve the toughest industry problems via radical collaboration!

Our core values drive us!

- Interoperability
- Collaboration
- Sovereignty over your data
- Trusted Ecosystem
- Open Standards

+ Clear Business Value
Looks pretty, but I’ve been seeing these slides for years…
Catena-X Solution Portfolio: it’s no longer just pretty slides!

Business Solutions
- Sustainability
  - PCF – Calc. and Reporting
  - Circularity – Product Pass
- PLM, Quality and Resiliency
  - Map Field / Production Data / FMEA
- Supply Performance
  - Demand & Capacity Mgmt.
- Others
  - Engineering Twin

Shared Industry Services
- Value Added Services
  - Country Risk
  - Certificate Management

Data Space Infrastructure
- Core Services
- Enabling Services
- Onboarding Services

CX Foundation:
- Enablement Services
- Policies
- Digital Identity / SSI
- Wallet & Credentials

Semantics & Use Case Frameworks
+ APIs

KITS
- Developer Resources

Normative documents
- Pre-defined Use Case Frameworks
- Access & Usage Policies

Golden rules
- Access & Usage Policies

Connections & Interoperability
- Data Exchange
- Business Collaboration

Initial Value Creation
- Initial Value Creation via standardized data exchange

Initial Value Creation:
- Initial Value Creation via standardized Data Exchange

CofinityX
- CofinityX

Onboarding Services
- +1 Service Provider in Q3

Determine Business Value for my Company
- Boost Data Readiness of my Company

Connect my Company to Catena-X Ecosystem Trust and Self-Sovereignty
- Connect my Company to Catena-X Ecosystem

EcoPass
- EcoPass

PCF
- PCF

CofinityX
- CofinityX

+3 Solutions in Q2
+2 Solutions in Q3
+2 Solutions in Q3
+1 Solutions in Q3
+1 Solution in Q3

Remaining Useful Life
- Remaining Useful Life

Operating Model
- Operating Model
Great, seems like we are really live!

What’s next?
Ensuring Gaia-X Compliance for the entire Catena-X data space

Improving data control, e.g. in the decentral digital twin registry

Fostering scalability and sovereignty with new Managed Identity Wallet (MIW) Standard, based on SSI

Federating the data space: Multi-OpCo Scenarios and news roles will be better supported

Strengthening the foundation: Improving Off-Boarding, Standards and Use Case Frame Contracts

New and improved use case KIT contents
Sounds cool, but tricky to organize…
**Catena-X Data Space**

**C-X GoLive 24.05/24.08: updating the prod. ecosystem**

**Cofinity-X Production / Live**

- **C-X / T-X Beta 24.05**
- **C-X / T-X Beta 24.08**
- **C-X / T-X GA* 24.05 Major**
- **C-X / T-X GA* 24.08 Minor**

**Network Services**

- CSP-A, CSP-B, OSP
- Orchestrated by C-X e.V.

**Communication**

- **Rel. 24.05**
- **Rel. 24.08**
- **“Update Day”**

**Analysis Phase**

- **Merge & Adapt 24.05**
- **Test & Validation**
- **Re-Test**
- **Cut Over**

- **Merge & Adapt**

- **Joint Test with all Participants**

- **Power User Test**

**Certification Period**

- **24.05**
- **24.08**
Obviously, I want to stay Catena-X compliant and interoperable!

What do I need to do?
### Example: preparation for Data Providers (DP) and Data Consumers (DC)

#### Prepwork (Wave 1)

<table>
<thead>
<tr>
<th>What do you have to do?</th>
<th>Milestone 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mandatory</strong></td>
<td></td>
</tr>
<tr>
<td>Upgrade EDC</td>
<td>Deploy and configure new EDC v0.7 (incl. relevant extensions)</td>
</tr>
<tr>
<td>Upgrade Digital Twin Registry</td>
<td>Deploy and configure new Digital Twin Registry v0.4.3</td>
</tr>
<tr>
<td><strong>Optional</strong></td>
<td></td>
</tr>
<tr>
<td>Deploy Knowledge Agent</td>
<td>Deploy Knowledge Agent as EDC extension</td>
</tr>
<tr>
<td>Upgrade Item Relationship Service / Trace-X</td>
<td></td>
</tr>
<tr>
<td>Upgrade Simple Data Exchanger</td>
<td></td>
</tr>
<tr>
<td><strong>Mandatory (if used)</strong></td>
<td></td>
</tr>
<tr>
<td>Adaption of data assets, policies, contract definitions</td>
<td>Newly create data assets, policies and contract definitions based on new semantic model standards</td>
</tr>
<tr>
<td><strong>Mandatory (if used)</strong></td>
<td></td>
</tr>
<tr>
<td>Adaption of backend integration</td>
<td>Adapt backend integration services (e.g. data pipelines)</td>
</tr>
<tr>
<td><strong>Mandatory (for DP)</strong></td>
<td></td>
</tr>
<tr>
<td>Adaption of agreements</td>
<td>Newly trigger negotiation of all agreements to access the data</td>
</tr>
</tbody>
</table>

#### Testing (Wave 2)

<table>
<thead>
<tr>
<th>What do you have to do?</th>
<th>Milestone 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mandatory</strong></td>
<td></td>
</tr>
<tr>
<td>Accept new T&amp;C (existing companies)</td>
<td>Cofinity-X MUST trigger the approval of new T&amp;C, e.g. via e-mail, pop-up</td>
</tr>
<tr>
<td>Accept new T&amp;C (new users)</td>
<td>Part of the general onboarding process</td>
</tr>
<tr>
<td>Conduct Tests</td>
<td>Connectivity and Integration Tests to ensure readiness</td>
</tr>
<tr>
<td>(Re-)Certification of services and applications</td>
<td>Do self-assessment, if 12-month certification is still valid</td>
</tr>
</tbody>
</table>

#### GoLive (October)

<table>
<thead>
<tr>
<th>What do you have to do?</th>
<th>Milestone 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sign / Close new Use Case Frameworks</td>
<td>Validity new frameworks as of 16.10.2024; beforehand old frameworks are valid, but run out on 16.10.2024 - no parallel phase</td>
</tr>
<tr>
<td>Re-publish existing data offers</td>
<td></td>
</tr>
<tr>
<td>...more tasks might be added as needed...</td>
<td></td>
</tr>
</tbody>
</table>

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**A Task Force between CX Association, OpCo and representatives from roles of the productive ecosystem is working to structure your To Dos so you don’t have to!**

**Planned next steps:**
- Direct communication to all productive users with concrete To Dos
- Collaborative Release Preparation, e.g. through Technical Upgrade Events

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* Upgrades / deployments tests done by Data Providers / Consumers or their respective Enablement Service Providers.
Anything specific on certification?
Certification guidelines for 24.05

- Strict adherence to existing process
- Expiring certificates have to be renewed - full recertification required
- Certificates still valid through 24.05 will have to perform a self assessment by the GoLive data of 24.05 (planned for October 16th 2024). Providers will be contacted directly via the CX Association with more details
Get certified!
Enjoy diving deeper into the TX development streams!

Just remember:

You are now working on a **productive** data ecosystem!