

Implementing the Basic Data Infrastructure (BDI) in practice

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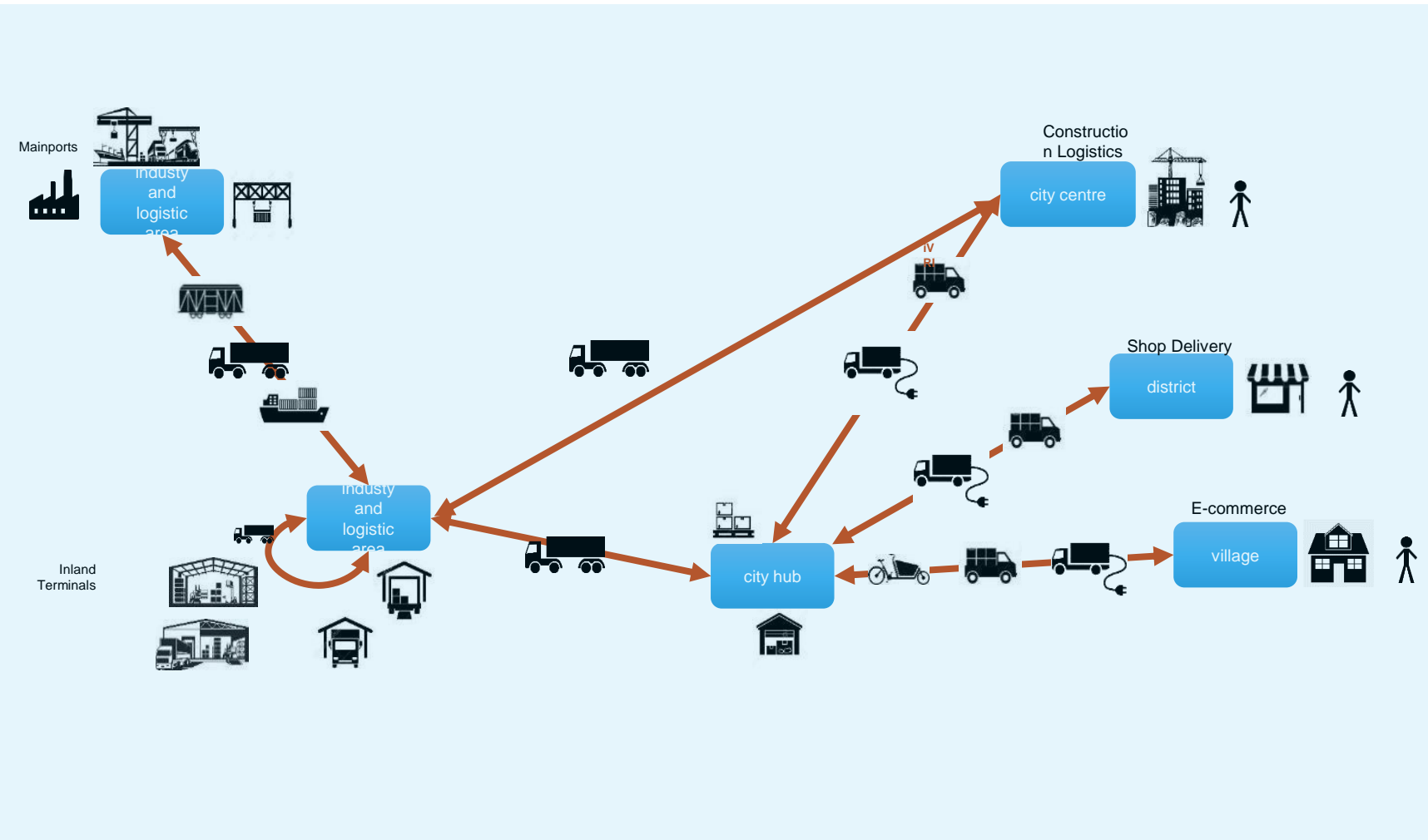
The world we work in

Supply chain management

Fast, ad-hoc & dynamic

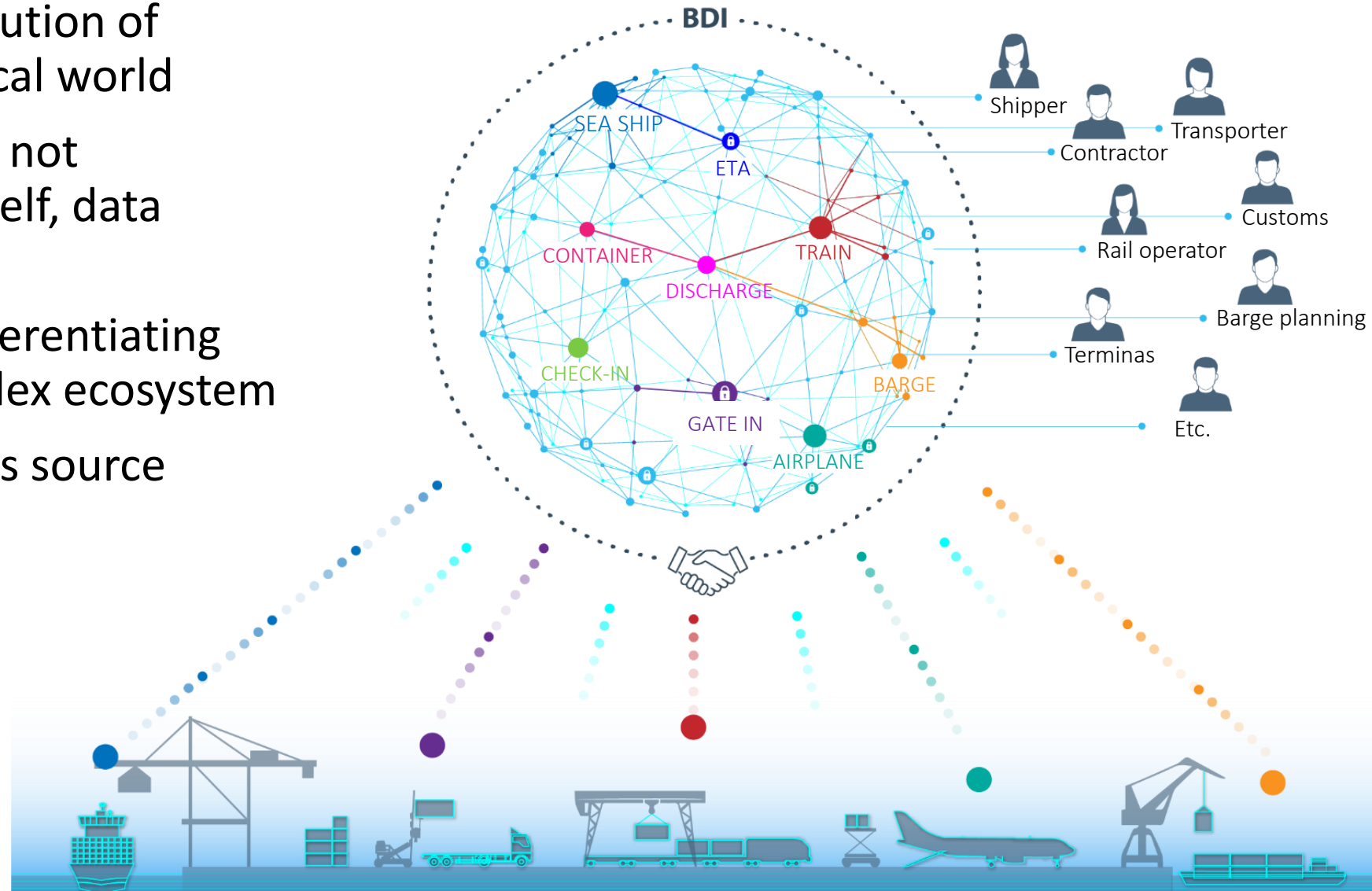
Data only has temporary value

Logistics covers all continents across multiple sectors

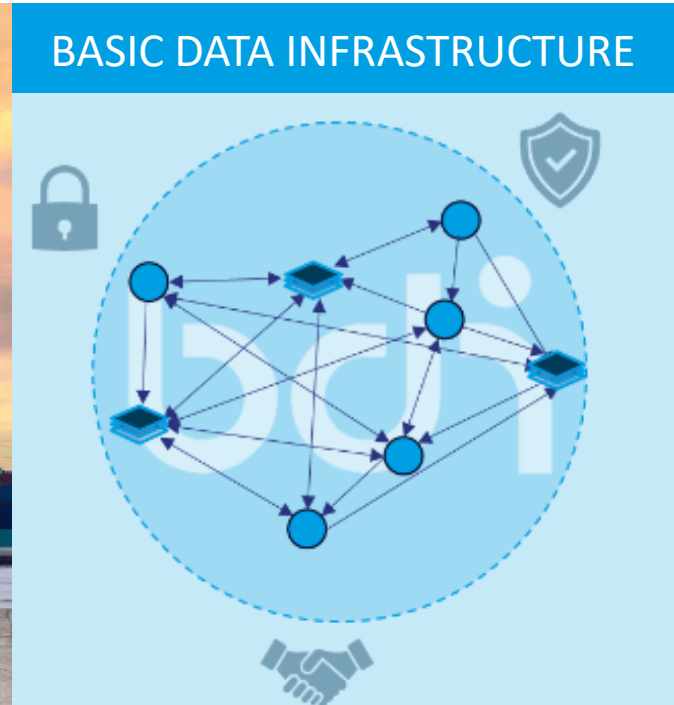


BDI: fostering operational excellence

- BDI supports the execution of contracts in the physical world
- Data in applications is not a tradeable item in itself, data enables efficiency
- BDI improves non-differentiating capabilities in a complex ecosystem
- Data always stays at its source



BDI Fostering operational excellence



Digital trust



Data sovereignty



Event driven coordination



Automated information logistics



Stack - BDI building blocks

GOVERNANCE



TECHNOLOGY



Edge agreements



Policy agreements

Onboarding
T&C's
Association articles

Semantics

Ontology

Meaning

Data model

Data format

Data protocol

Federation of Associations

Business Partner Reputation model (preferred)

Representation Register

Professional Qualification Register

Event Pub/Sub Service

Discovery

Provenance & Traceability

Data licenses

Zero Trust check
Association Register

Certified roles

Authorization (Oauth 2.0), AR-DM + XACML policies



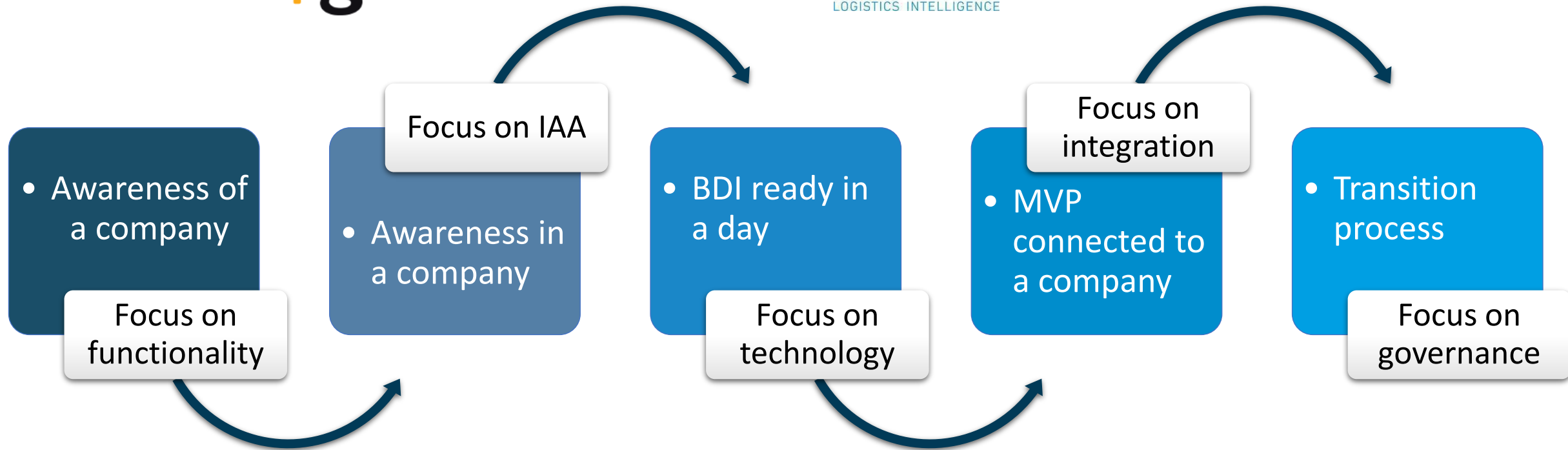
Authentication (Oauth 2.0) + Zero-Trust Token Processing API



Digital Identity and other Verifiable Credentials



Data space incubator





<https://bdinetwork.org/>

Contact

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