



INDUSTRY COMMONS



MULTILATERAL DVC INDUSTRY COMMONS

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PHOTO BY ANDREA CERRATO

INDUSTRY COMMONS



First introduced to the **AIOTI** Innovation Ecosystems WG
on the 17th December 2015

Now a funding track in the **HORIZON** programme

Builds a legacy for **cross-domain collaboration** and
data interoperability

INDUSTRY COMMONS PROJECTS

ONTOCOMMONS

Ontology-driven data documentation for Industry Commons

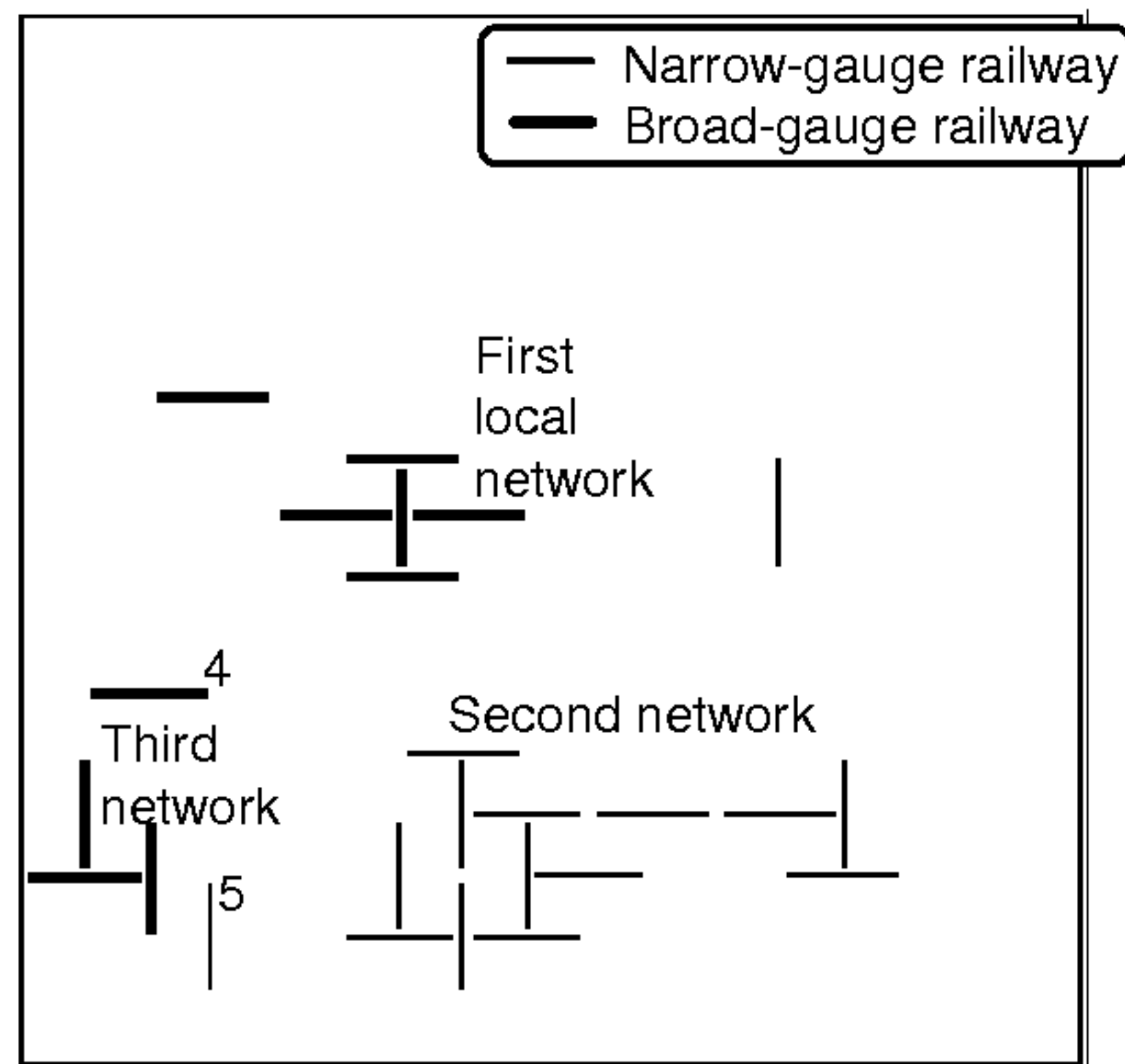
DOME 4.0

Digital Open Marketplace Ecosystem 4.0

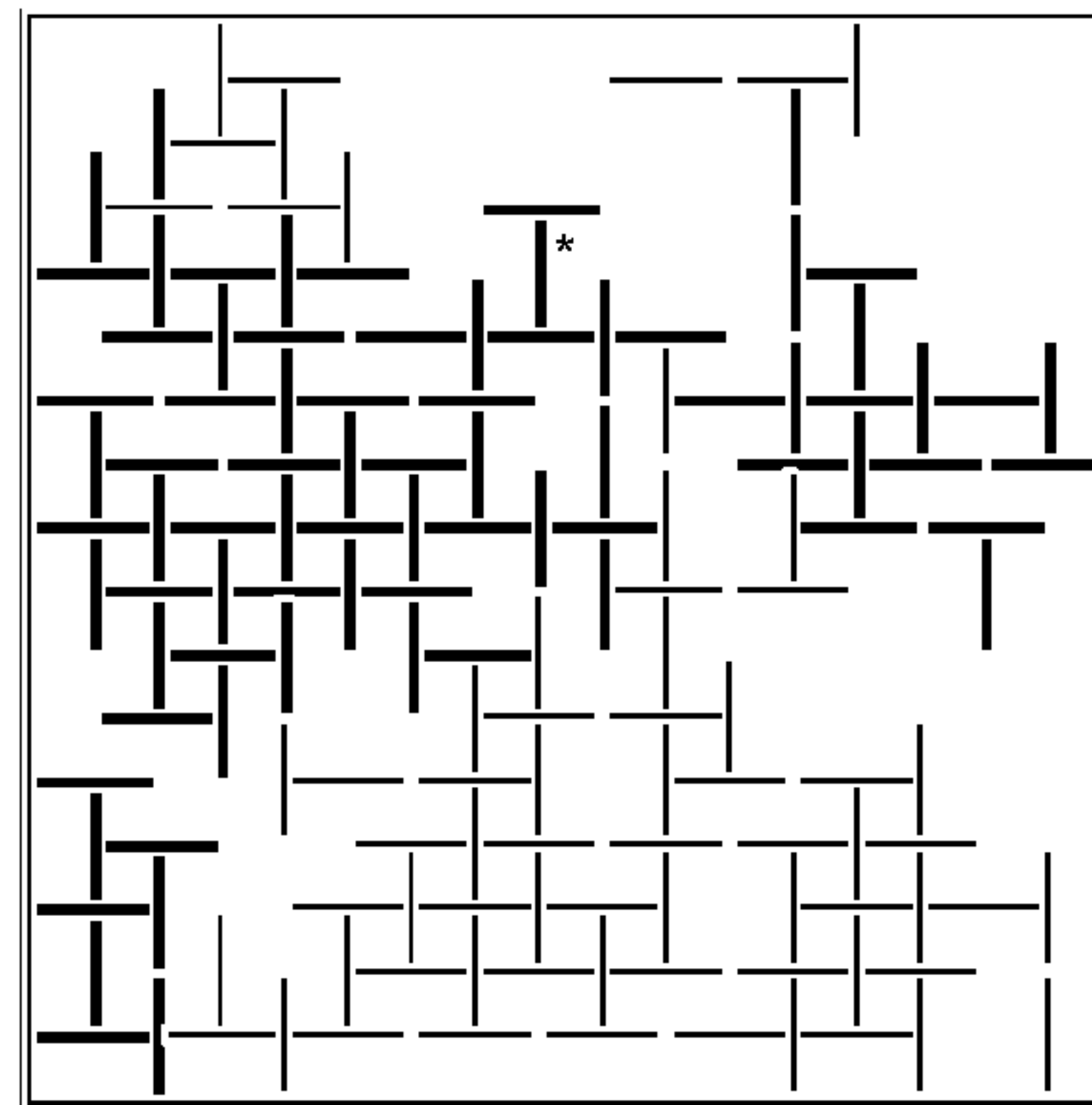
SUSTAINABLE INDUSTRY COMMONS

Projects in the NMBP domains

HOW CAN WE ALL MEET ON THE **SAME RAILWAY TRACKS?**



A. The beginning of the process



B. Networks of different gauges meet

GRAND VISION FOR CROSS-DOMAIN DATA EXCHANGE AND VALORISATION



INTEROPERABILITY (INDUSTRY COMMONS)

FAIRification (EOSC)

IP REGISTRATION AND TRACKING (EIC Marketplace)

SECURE EXCHANGE AND COMMUNICATIONS (Gaia-X)



**EU
COMMON
DATA
MARKET**

DATA VALORISATION

EXAMPLES OF ASSURANCES, REDUCTION OF RISK, VALUE ADDED

- FUNCTIONALITY: **FAIR / FAIRification**
- RESPONSIBILITY: **JUST data annotation**
(Judicious, Unbiased, Safe and Transparent)
- REPRESENTATION: **CARE principles for indigenous data governance**
(Collective benefit, Authority of control, Responsibility, Ethics)
- INDUSTRY REQUIRES OTHER TYPES OF DATA ASSURANCES AND CERTIFICATION

INDUSTRY COMMONS

AN ECOSYSTEM OF TRUST



INTEROPERABILITY (ONTOCOMMONS ECOSYSTEM)

SYSTEMS OF AGREEMENTS (FROM INTERNATIONAL REGULATION TO PEER-TO-PEER CONTRACTS)

SYSTEMS OF RESILIENCE (ENVIRONMENTAL SUSTAINABILITY AND BLACK SWAN EVENT RESILIENCE)

SYSTEMS OF RESPONSIBILITY (CSR, RESPONSIBLE AI, WORK ETHICS)

SYSTEMS OF BELIEFS (SOCIETAL VALUES)

INDUSTRY COMMONS

BUILDING SYSTEMS OF AGREEMENTS

CONTRIBUTION TO OPEN DEI

Leading the Think Tank on Multilateral DVC Industry Commons

RE4DY

"Data as a Product" value ecosystems for resilient factory 4.0



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THANK YOU

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