Industrial Internet of Things
the strategic picture for Europe

IoT Week
Dublin, Ireland

June 2022
Max Lemke, CNECT E4
European Commission
Industrial Internet of Things: the strategic picture for Europe

**Next-generation IoT**
- Power to the edge, where the data is
- Seamless connectivity
- Next-generation operating systems
- Decentralised/swarm intelligence
- Cognitive computing continuum

**Common Open Digital Platforms & Ecosystem**
- Vertical, horizontal, x-sector integration
- Standardisation, interoperability

**Chips Act**
- Next-generation chips powering intelligence at the edge
- Semiconductor chips made in Europe

**Data Strategy**
- Investment in Data Spaces
  - EU 5G & cloud-edge infrastructure/services
- Data legislation:
  - Data Act: access & fairness on data market
  - Data Governance Act: foster trust in data sharing & intermediaries

**The EU Policy Context:**
- NextGenerationEU
- REPowerEU
- Twin Transition:
  - Digital Compass
  - Green: Fit for 55

**New Industrial Strategy**
- Transition pathways towards resilient, innovative, sustainable & digital ecosystems
- Open, dynamic ecosystems for EU tech businesses

Dr. Max Lemke, CNECT E4