SESSION 2.
Computing Continuum: The Next Frontier of the IoT,
Edge and Web3.0

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MADE COMPETENCE CENTER (Industria 4.0)

MADE Competence Center Industry 4.0, with its partners, supports manufacturing companies in adopting digital technologies.

- **CIM 4.0 (Torino)**: Aerospace, automotive and additive manufacturing
- **START 4.0 (Genova)**: Safety of the port, transport, energetic, transport, and production system infrastructures.
- **ARTES 4.0 (Pisa)**: Advanced Robotics, digital technologies, 4.0 systems
- **CYBER 4.0 (Roma)**: Cybersecurity
- **MADE COMPETENCE CENTER 4.0 (Milano)**: 4.0 Factory technologies – cyber physical systems
- **SMACT (Padova)**: Agri-food, clothes, decor, and automation
- **BI-REX (Bologna)**: Services world: Smart city, logistics, big data, traceability
- **MEDITECH (Napoli)**: Advanced transport systems, biotechs, buildings, Energy, ICT

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MADE COMPETENCE CENTER: SERVICES AND TESTING FACILITIES

**Awareness raising**
- + 300 Seminars, workshops, guided tours
- + 6000 companies met

**Education**
- + 200 training course delivered
- + 5 teaching and learning factory (2023)

**Test Before Invest**
PoC, prototyping, industrial validation
- + 140 industrial project delivered

**R&D funded projects**
- + 20 EU projects (HEP, DIGITAL, EITM)

+ 2500 mq testing facilities
Manufacturing-X aims to implement important cross-industrial use cases on a common framework.

INDUSTRIA-X Computing Continuum

Cross-Industry Use Cases

- SM4RTENANCE
  - Collaborative Condition Monitoring and Maintenance
  - Carbon Footprint Management
  - Energy Load Shifting
  - Machine Passport

- SM4RTENANCE
  - Collaborative Quality Management

- flash4comp
  - AI Testing Experimentation Facility for Manufacturing

- CIRC-UTS
  - Manufacturing and Circular Economy

- AI matters
  - Synchronized Planning for Production

Capabilities

- Data Sharing Services (Edge-Enterprise-Cloud)
- Edge-to Cloud Data Infrastructure
- Shared technological base layer

Regulatory Framework
THANKS for your ATTENTION!!!!!

INNOVATION FOR ENTERPRISES,
LEAD BY ENTERPRISES