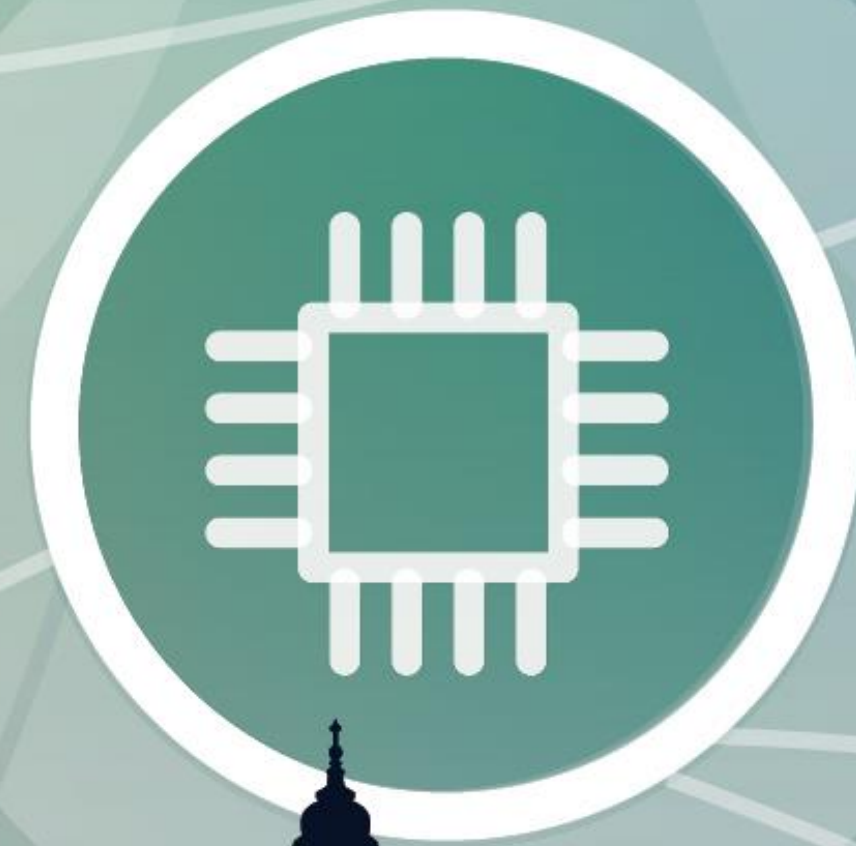
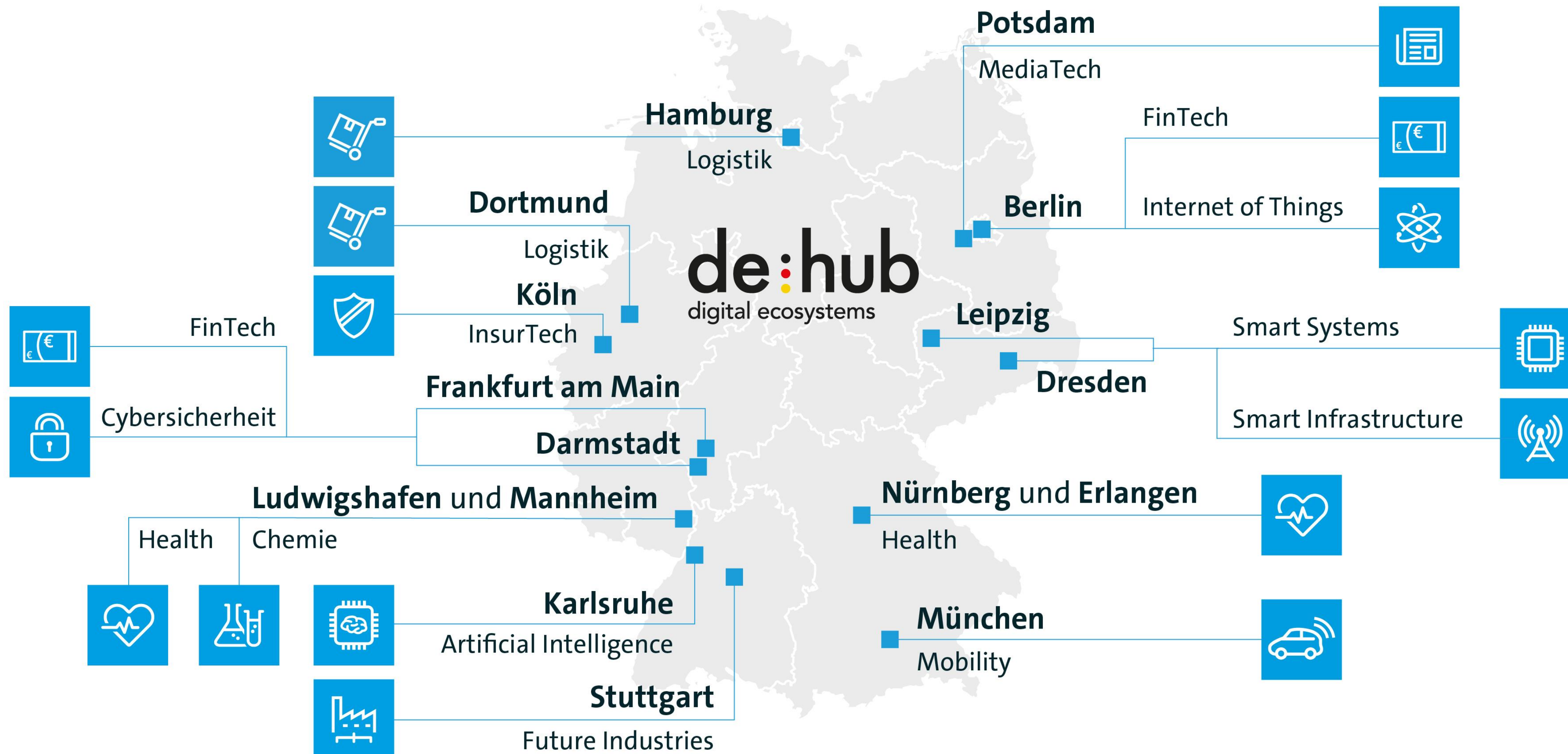


Smart Systems Hub Dresden

The TRAILS strategy – networking the technology value chain and addressing the business needs of SMEs within a region and beyond



SSH and the de-hub Initiative



Saxony – a Hotspot for Digital Technologies



KEY FIGURES:

- 2.300 companies
- 60.000 employees
- turnover € 14 bn

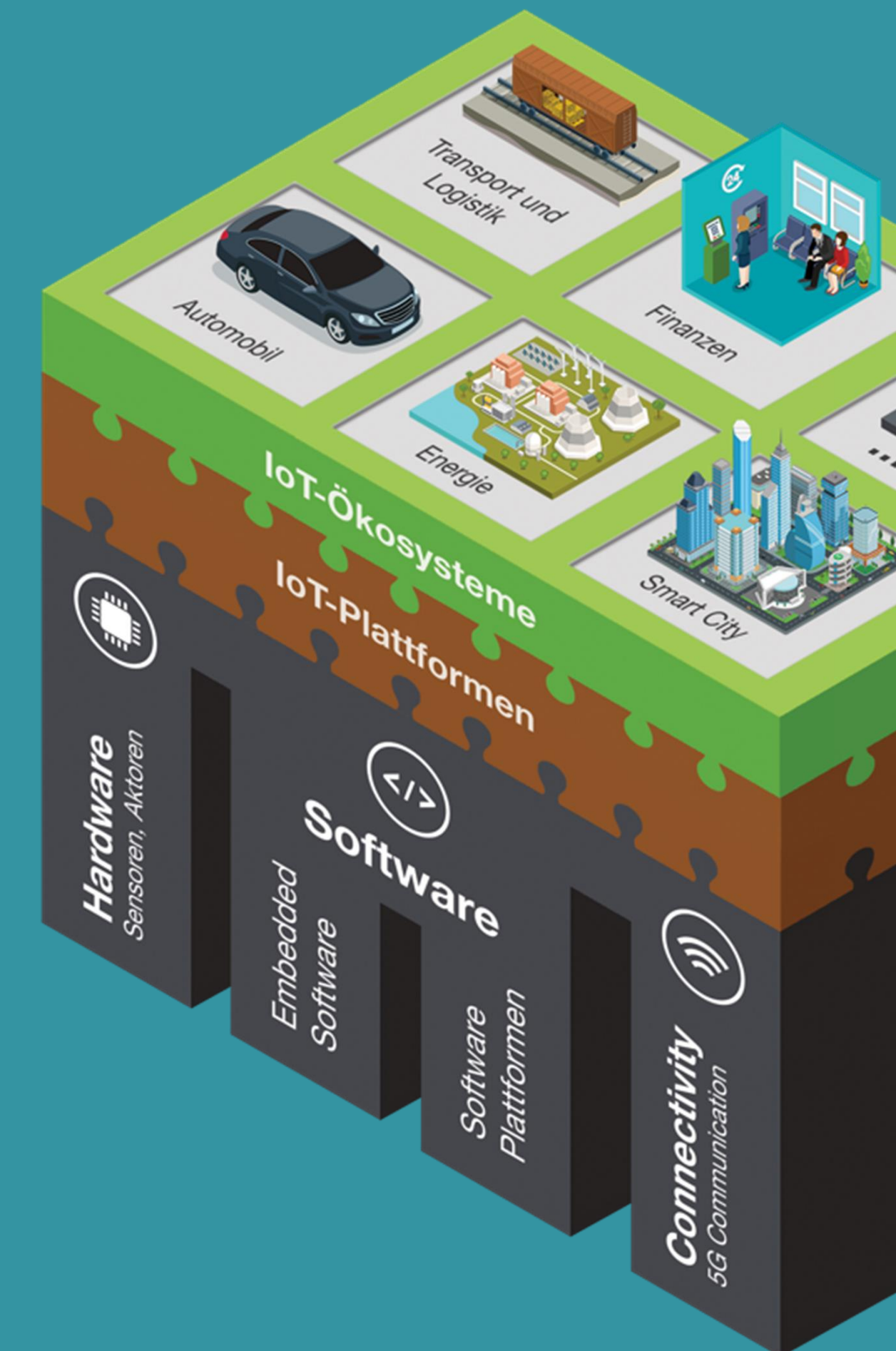
Pillars of the Smart Systems Hub

Integration of *Hardware, Software and Connectivity*

→ IoT platforms

→ IoT ecosystems

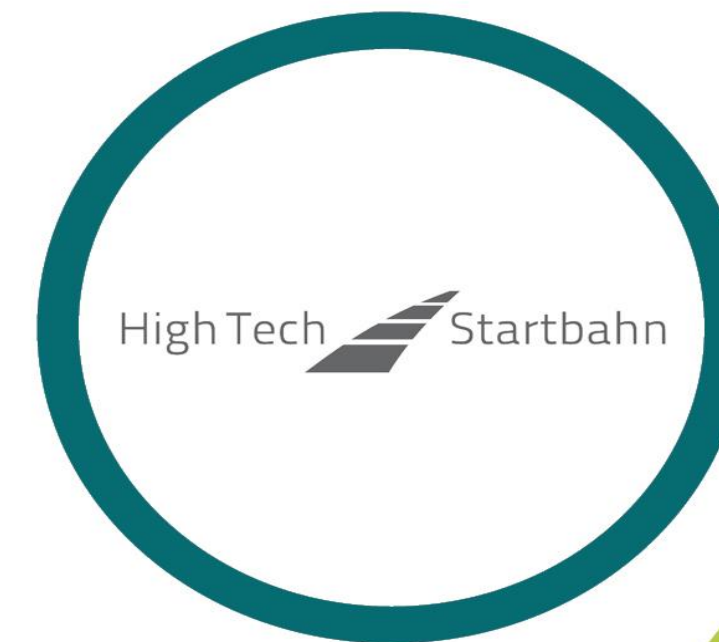
- **Hardware:** sensor and actor systems (e.g. MEMS)
- **Software:** Embedded and High-Level Software as Key-Enabler (e.g. Fog Computing)
- **Connectivity:** 5G-Network for IoT-applications



Beteiligte Initiativen:



Strong team of established partners



Premium Partner

SAP
T-Systems Multimedia Solutions
Fraunhofer Gesellschaft
GLOBALFOUNDRIES
National Instruments
TU Dresden

Hardware & Software

Connectivity

Start-up

Beirat

Staatskanzlei
Landeshauptstadt Dresden
CWE



Strategic Goals

- Creation of an IoT-ecosystem by means of networking and cooperation of all local players in the areas of hardware, software and connectivity (industry, research, SMEs, startups) and co-innovation
- Creation of a global brand of „enabling IoT“ (to improve the visibility of hub partners and the region)
- Application focused development of solutions
- Development of modular technology platforms for IoT-applications
- Generate momentum for the education of future specialists and managers

The Trail concept

INDUSTRIAL IOT

CONNECTIVITY

IOT SHOWCASES

SMART INFRASTRUCTURE

INNOVATION MANAGEMENT FOR IOT

KEY FIGURES:

- ❖ 19 trails
- ❖ 78 involved institutions
- ❖ 25 dedicated topics



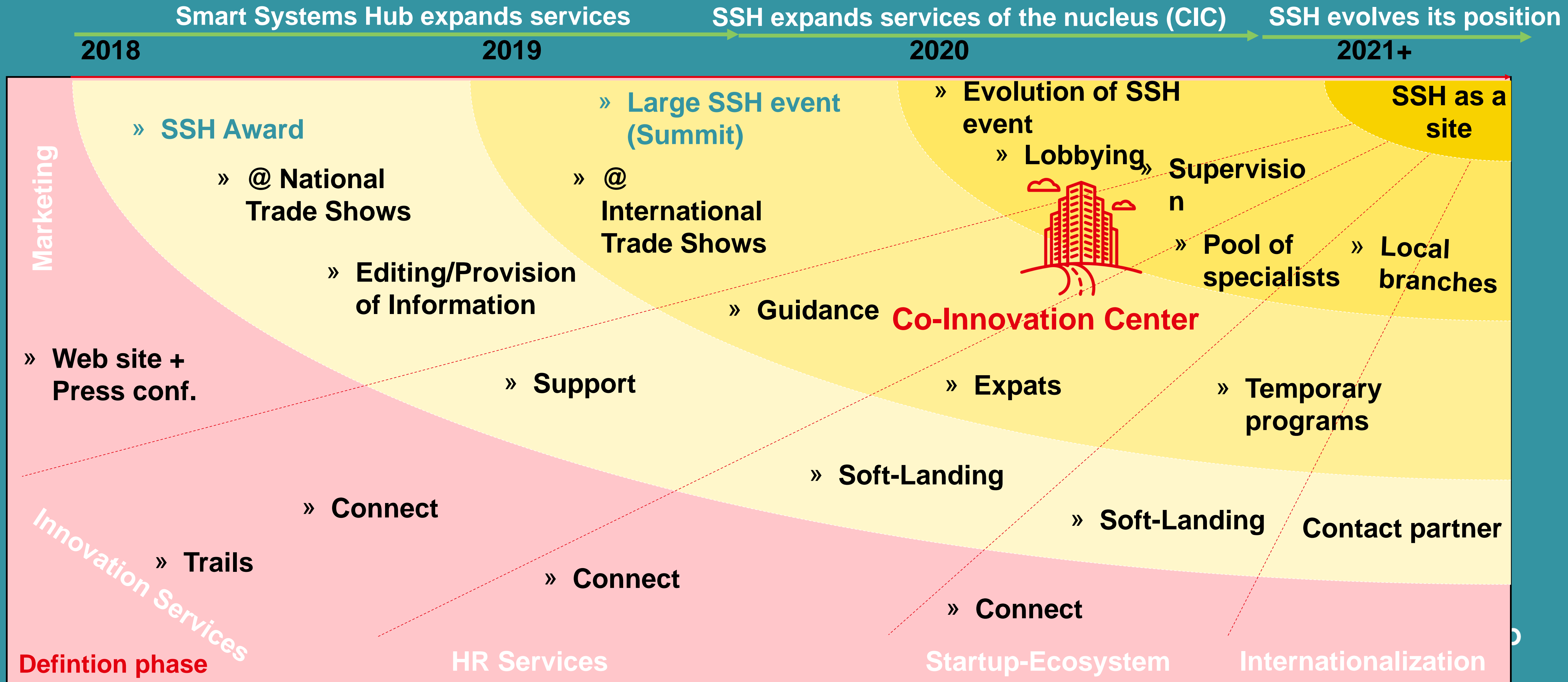
Example: Industrial IoT Test Bed



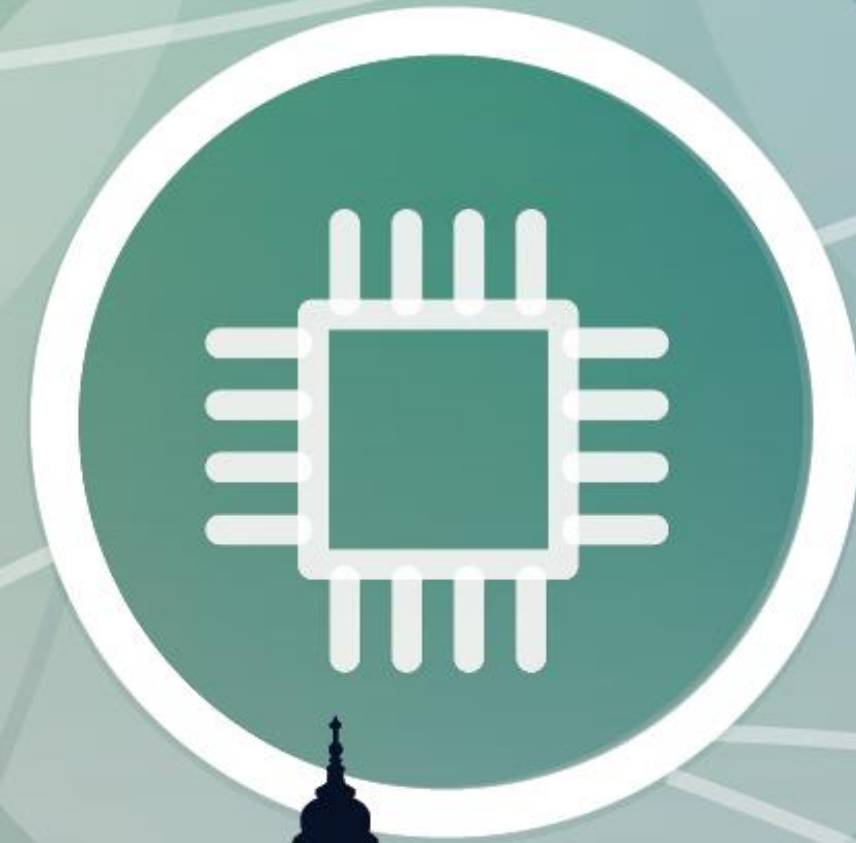
workshops:

- ❖ data driven business models
- ❖ RFID in manufacturing
- ❖ LEAN production

Services roadmap



Thank you for
your attention



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