

Looking for Cluster 4 Entities focusing  
on  
development of resilient wireless  
critical systems with open protocols

FibroLAN CEE GmbH Austria & Germany

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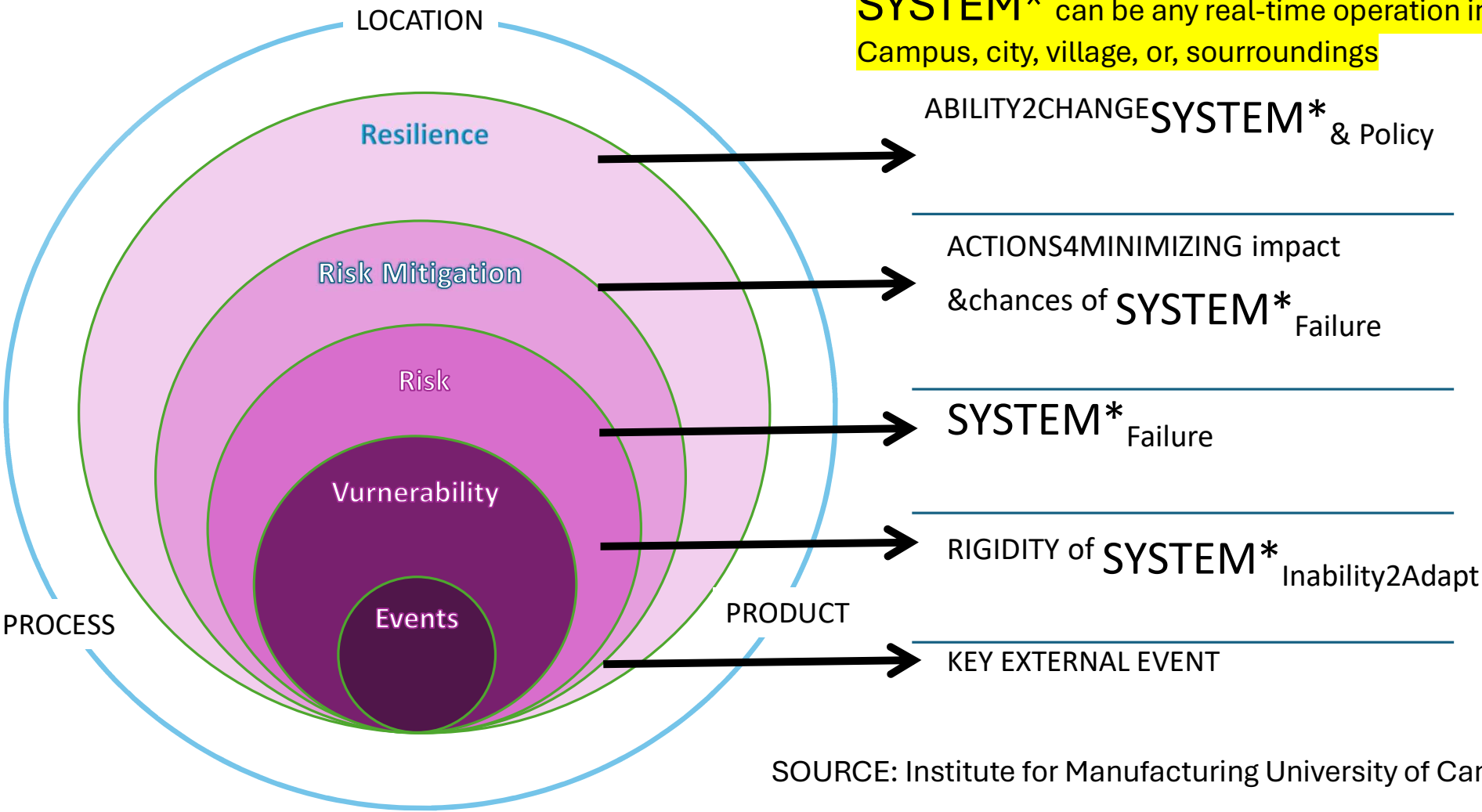
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Horizont NRW networking event on 15/16 February 2024

# WELTANSCHAUUNG: RESILIENCE4COMPETITIVE ADV. OF SYSTEMS

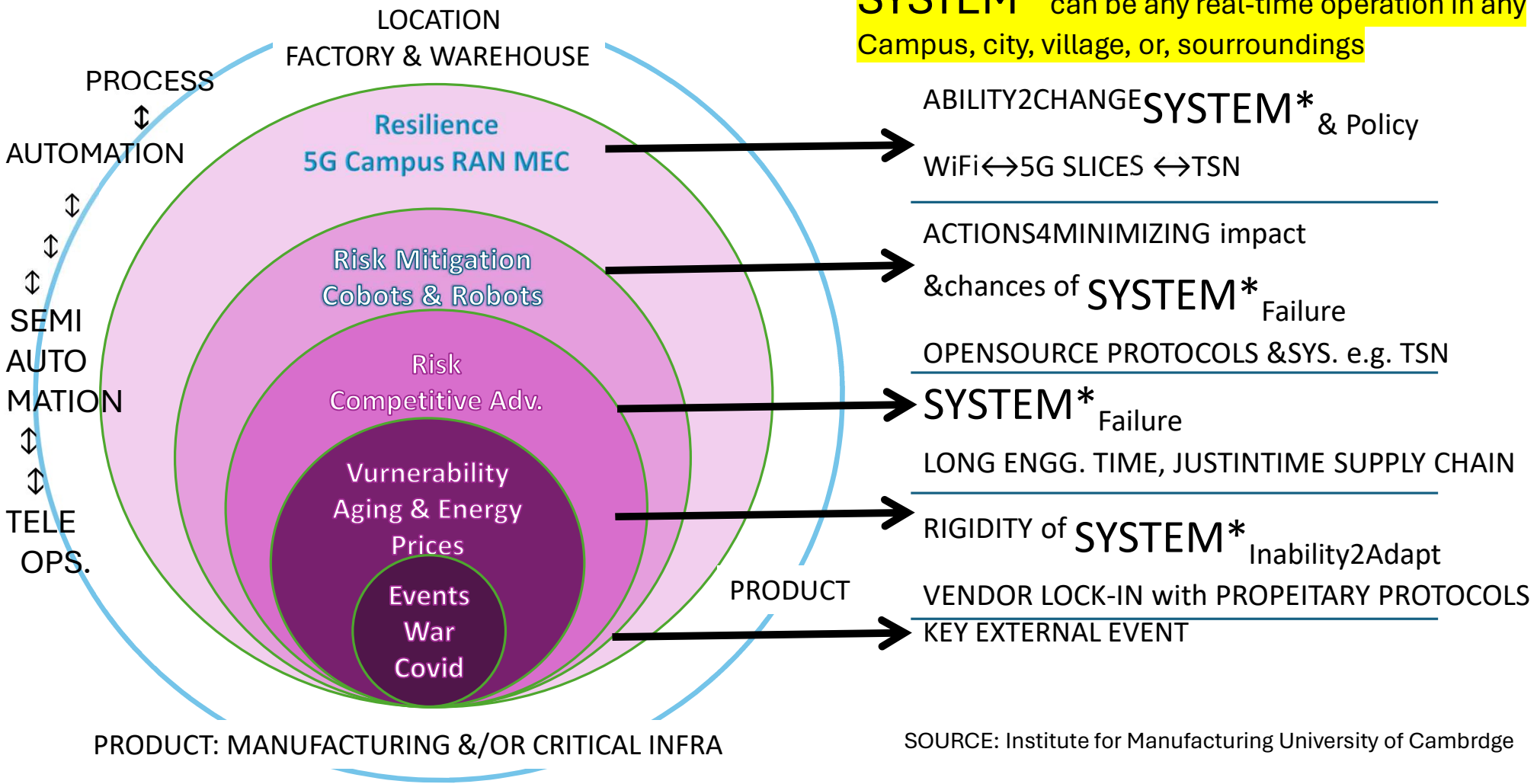
**SYSTEM\*** can be any real-time operation in any Campus, city, village, or surroundings



SOURCE: Institute for Manufacturing University of Cambridge

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# Project REFERENCES & Partner Use Cases (PUC) DE

- 40+ CAMPUS NETWORK DEPLOYMENTS @ FRAUNHOFER IIS (5GBAVARIA), FRAUNHOFER HHI (5GBERLIN), FRAUNHOFER FIT (5G für KMU/BMDV) & TU DRESDEN (FAST2020/EU; TICCTEC/BMDV) TH DEGGENDORF (5G GRENZLAND (5G for RURAL BORDERS/ BMBF).
- 6G RESEARCH @ 6GMULTINET (INNONT/BMDV), 6GEM (BMBF)
- 5G HEALTHCARE @ 5GPACEMAKER (BMDV), Klinet5G
- 5G WAREHOUSE & LOGISTICS @ ITAMORO (STATE OF NRW) @ FLEXSHIELD (KOPA\_45/BSI)
- 5G PUC LOGISTICS.. Seehafen Wismar (PORTABLE 5.0/BMDV), Seehafen Kiel (CAPTN/BMDV), Havelport Berlin (AuDiPort/BMDV)
- 5G PUC MANU., Navigation & Positioning PUC 4AUTOMOTIVE, IAV, ZF
- 5G PUC EDUCATION (5G Inklusion 4.0/STATE OF NRW)
- 5G PUC SMART CITY INFRA (PUC) Stadt Solingen (SMART CITY SOLINGEN/BMIH)
- 5G TESTING PARTNERS: R&S, VIAVI, KEYSIGHT
- 5G V2X @ AUDI @ 5G ROSENHEIM (FRAUNHOFER IIS/State of BAVARIA)
- Research institute non-commercial partners :
  - Fraunhofer IIS, TU Dresden, HS Koblenz, Uni Duisburg Essen, WZL EURECOM (FR) & Others
- TECH. Partners: AIRSPAN ASCOCS BUBBLERAN CapGemini DRUID JMA WIRELESS MAVENIR OpenAirInterface XELERA & 50+ OEMs and ODMs
- GERMAN SYSTEMS INTEGRATORS: AIRPULS SITICOM LOGICALIS COCUS AG ICONEC MUGLER AG HMF NTTDATA + A FEW MORE

# Specific REFERENCES & Partner Use Cases (PUC) DE

 ITAMORO 5G =>€ 1.8 Mio => Wirtschaftsministerium NRW

5G  PRIVATE Campus network for operating a   SLAM enabled  FORKLIFT with  Fraunhofer Mobile-Edge-CLOUD in WAREHOUSE LIVING LAB 

 FLEXSHIELD =>1.9 Mio => Bundesamt für Sicherheit & Informationstech..

Using  TRIOPT GROUP relay drones for remote teleoperation of a

 and a TRUCK within a 5G campus network at 

leveraging  TSN 5G mmWave and standard OpenRAN

infrastructure for resilience against network disruptions from unlawful hacks and radio or GNSS jamming.

# FibroLAN CEE GmbH

- Incorporated in Austria
- Represents FibroLAN Limited in Israel
- ESTD 1996
- SME
- Experts in Precision Timing and Synchronization of Layer 2 Critical Network Infrastructure and manufactures grandmaster and ethernet forwarding devices for 5G fronthaul networks in class D standard
- Represented in Germany through Shankar Mondal
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