dfki
ai
Deutsches Forschungszentrum für Künstliche Intelligenz
German Research Center for Artificial Intelligence

RPTU **Rheinland-Pfälzische Technische Universität Kaiserslautern Landau**

SECURE X

CELTIC-NEXT
Proposers Brokerage Day
11th September 2025, Aveiro, Portugal

Christoph Lipps

C CELTIC-NEXT
Σ eureka clusters

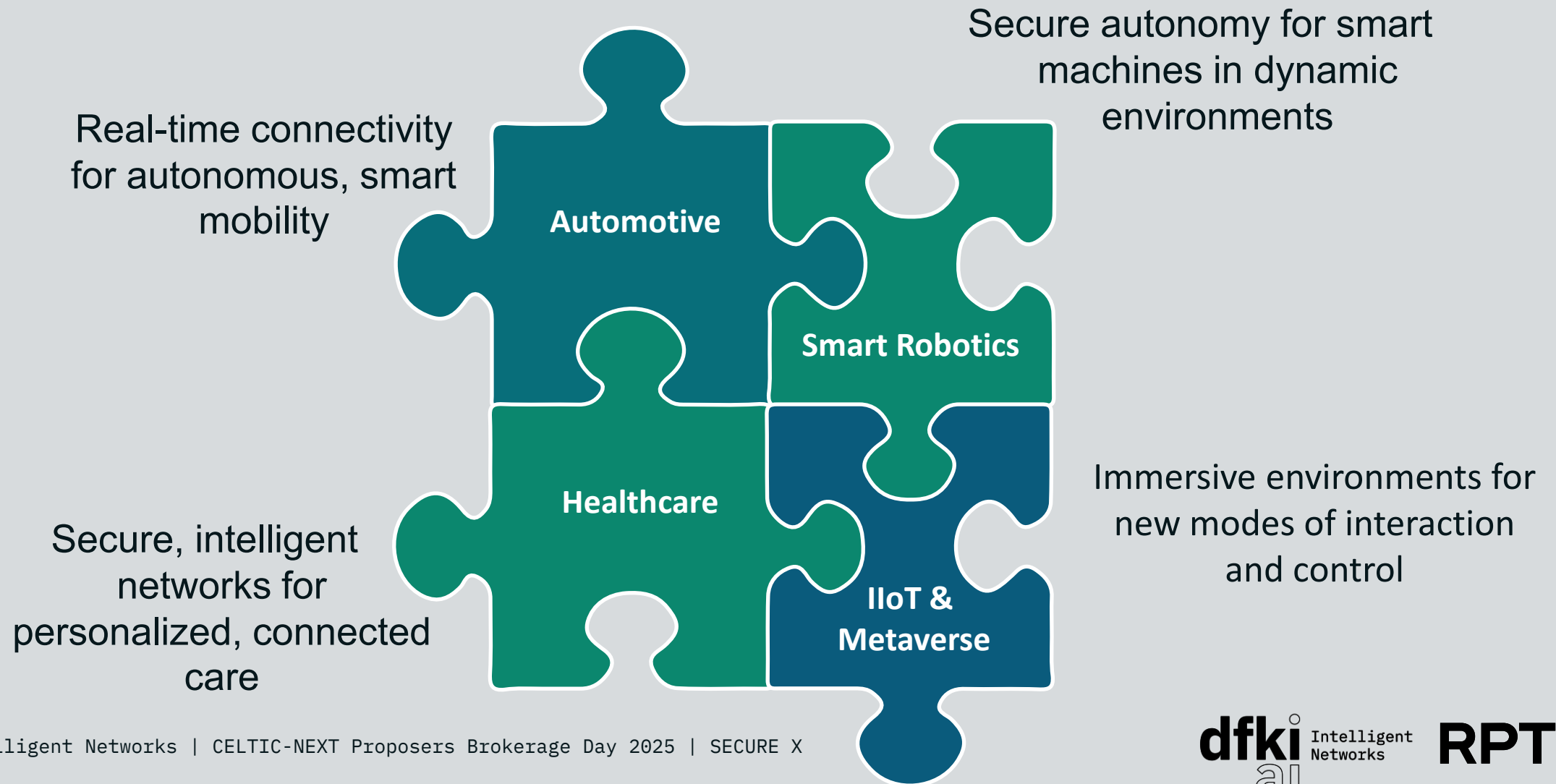# Challenges and objectives

X   Need for strong security in shared cloud & edge environments

X   Secure and reliable telecommunication infrastructure towards Beyond 5G & 6G

X   Trusted AI & Trustworthy AI

*This image was generated with the assistance of AI

Use-Cases and Verticals

Real-time connectivity for autonomous, smart mobility

Secure autonomy for smart machines in dynamic environments

Secure, intelligent networks for personalized, connected care

Immersive environments for new modes of interaction and control

Automotive

Smart Robotics

Healthcare

IIoT & Metaverse

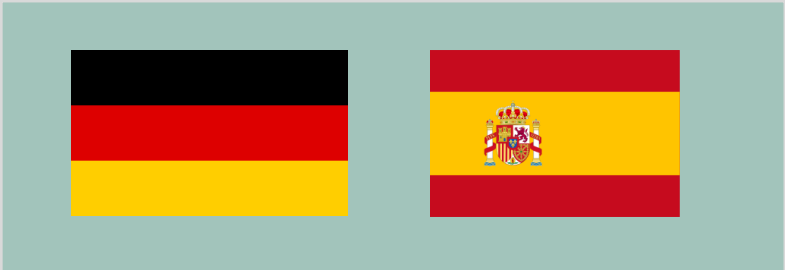# The World's Largest Public AI Research Center

55 Professors
26 Research Departments
>600 Researcher from 83 countries
+ ~1000 German colleagues
>100 Startups and Spin-Off companies
Project Budget 2023 ~260 Million €

Oldenburg
Lübeck
Bremen
Berlin
Osnabrück
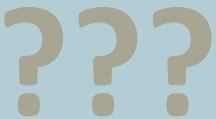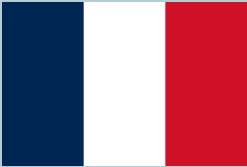Trier
Darmstadt
Saarbrücken
Kaiserslautern

262 Professors +
34 Junior Professors
17.000 Students
1.800 PhD Students
85 Bachelor degree programs
104 Master degree programs
28 Distance learning programs

dfki ai — Deutsches Forschungszentrum für Künstliche Intelligenz / German Research Center for Artificial Intelligence

RPTU — Rheinland-Pfälzische Technische Universität Kaiserslautern Landau

SECURE X

Christoph.Lipps@dfki.de