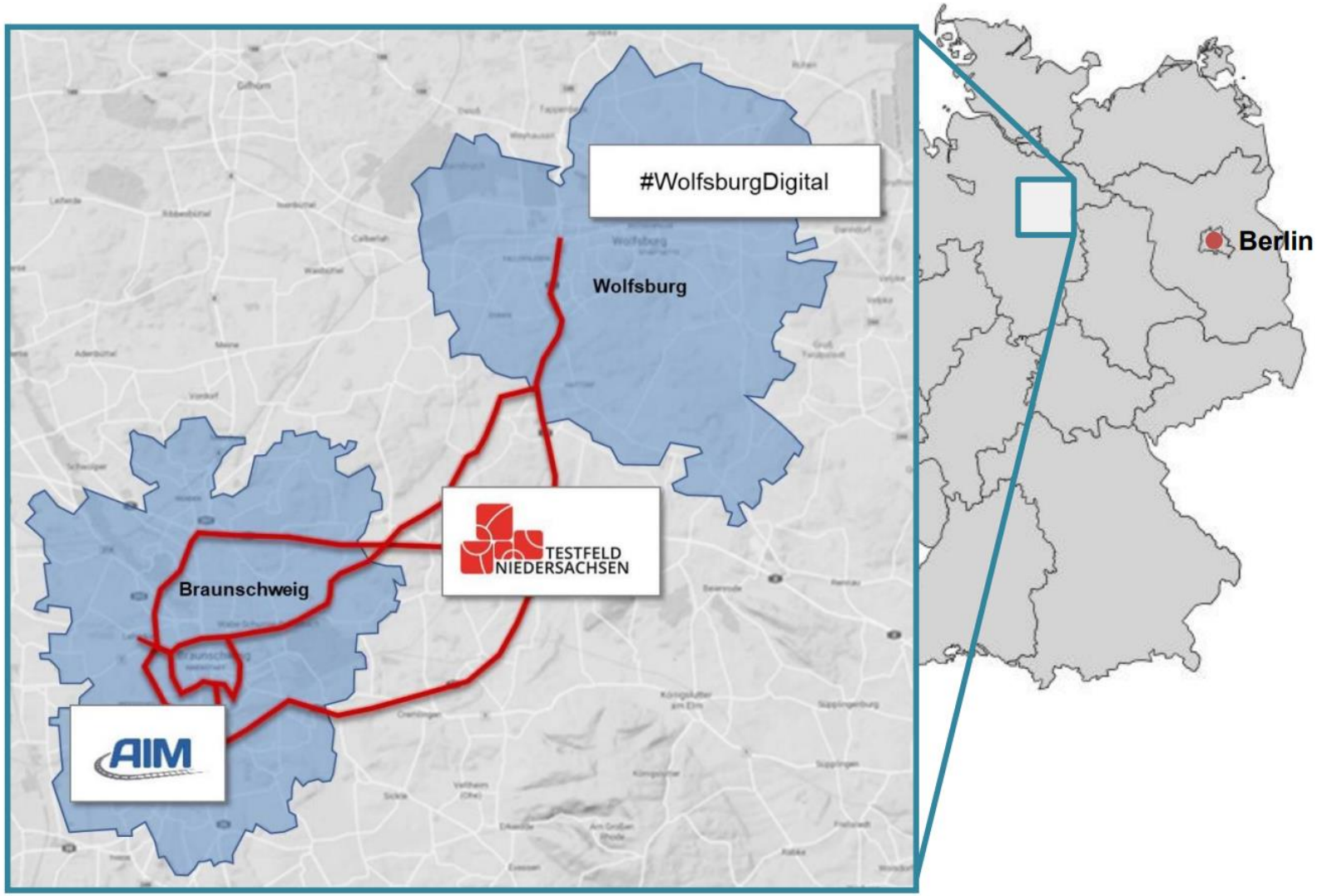
# ADVANCED COMMUNICATION TECHNOLOGIES AS ENABLERS FOR DISTRIBUTED DATA-CENTRIC AND AI-DRIVEN IT-ECOSYSTEMS

Prof. Dr. Frank Köster
DLR-Institute for AI Safety & Security – Sankt Augustin and Ulm

DLR

# 5G Living Lab in the Mobility Region Braunschweig-Wolfsburg

Research and implementation of use cases in the areas of mobility, healthcare, construction and smart city

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aufgrund eines Beschlusses des Deutschen Bundestages



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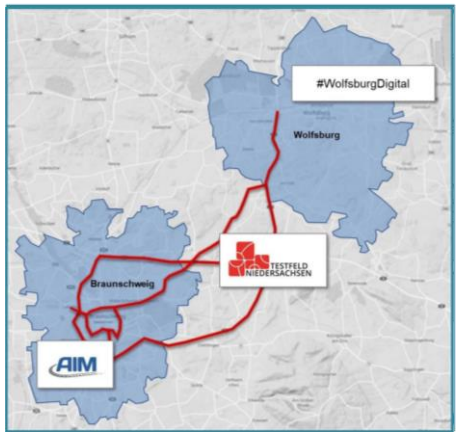


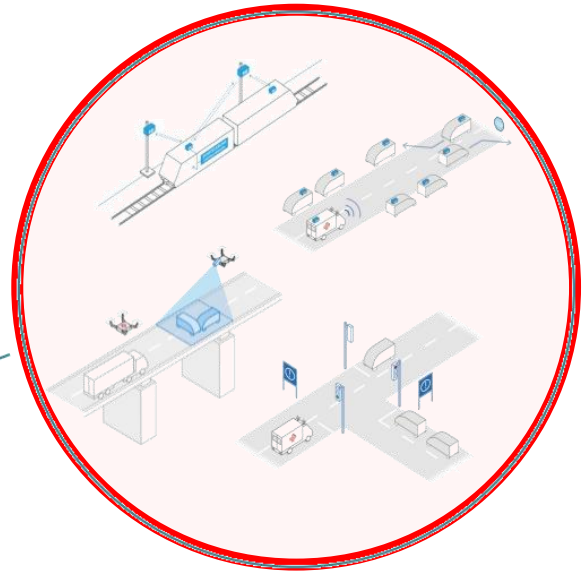

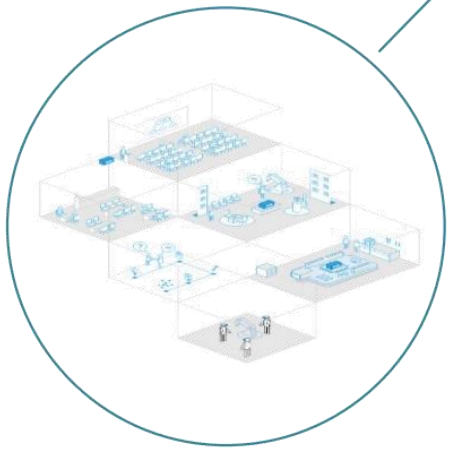

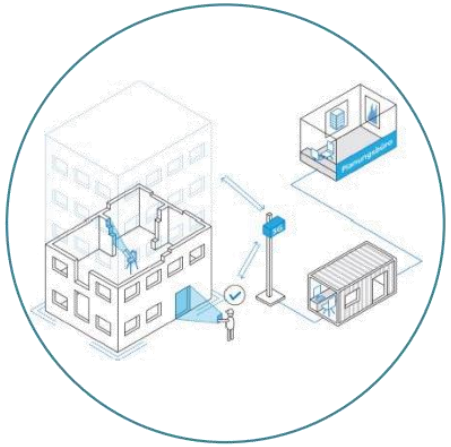

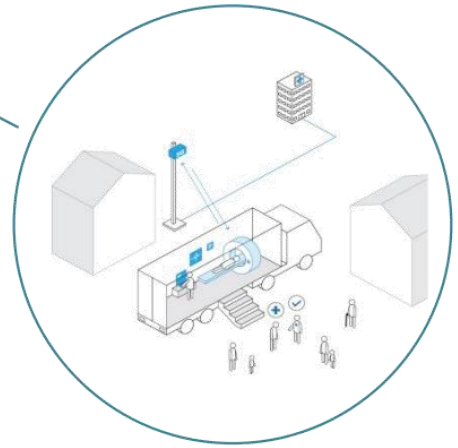

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Deutsches Zentrum für Luft- und Raumfahrt
German Aerospace Center

Fraunhofer IIS

Technische Universität Braunschweig

PTB

ifak

gaia-x future mobility
Gaia-X Lighthouse Project

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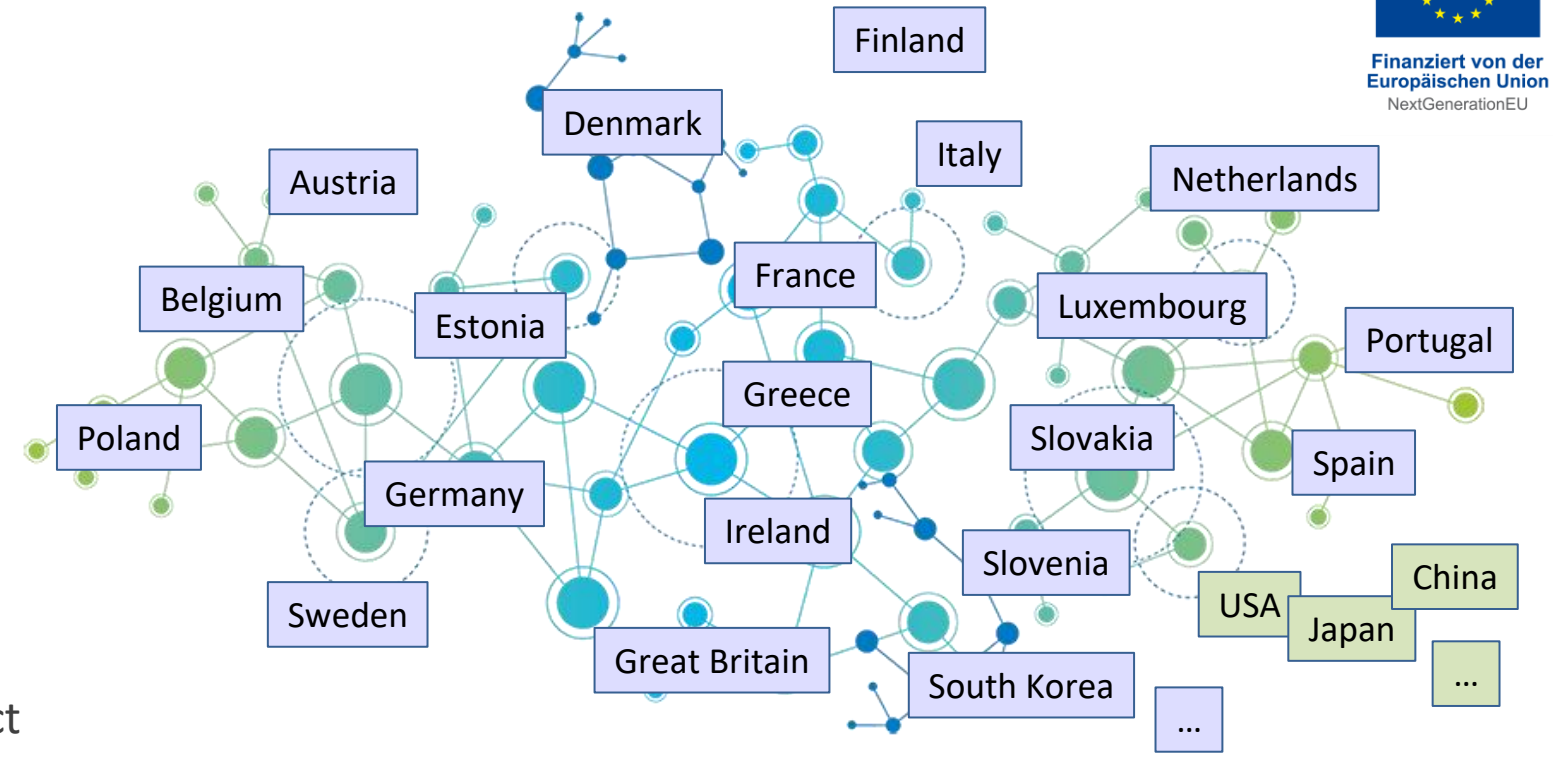
Gefördert durch:
Bundesministerium für Wirtschaft und Klimaschutz
aufgrund eines Beschlusses des Deutschen Bundestages
Finanziert von der Europäischen Union
NextGenerationEU

Gaia-X will be the basis for a digital ecosystem in which data and services can be made available, integrated/merged, shared and used securely and with an ultimate level of trust.

Based on European values, Gaia-X implements the following guiding principles:

- European data protection principles
- authenticity and trust
- openness and transparency
- sovereignty and self-determination
- free market access as well as European stability and growth
- modularity and interoperability
- usability




European/international visibility and impact

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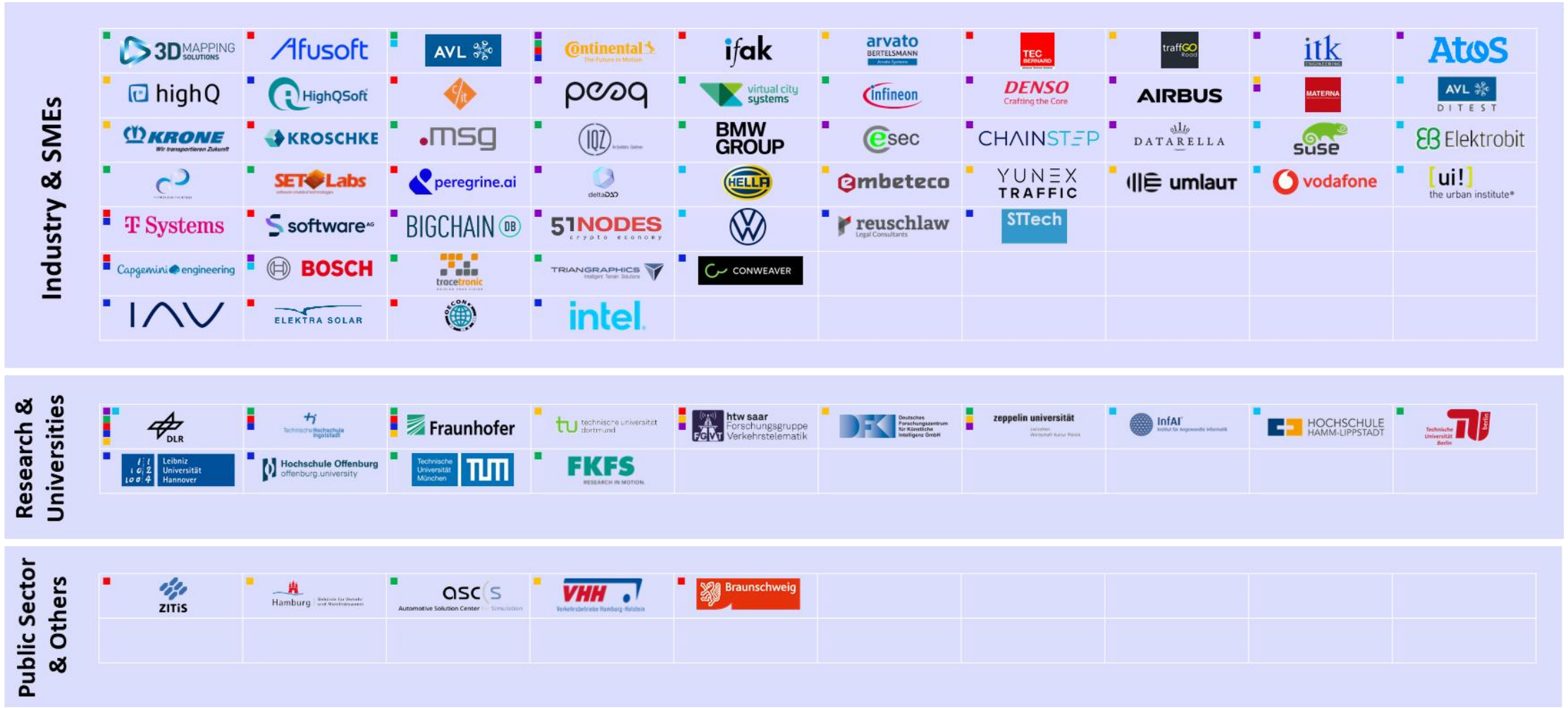
## More than 80 Partners and ~10K Person Months




Gaia-X 4 KI

Gaia-X 4 AMS

Gaia-X 4 ROMS

Gaia-X 4 PLC-AAD

Gaia-X 4 *move*ID

Gaia-X 4 AGEDA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AI

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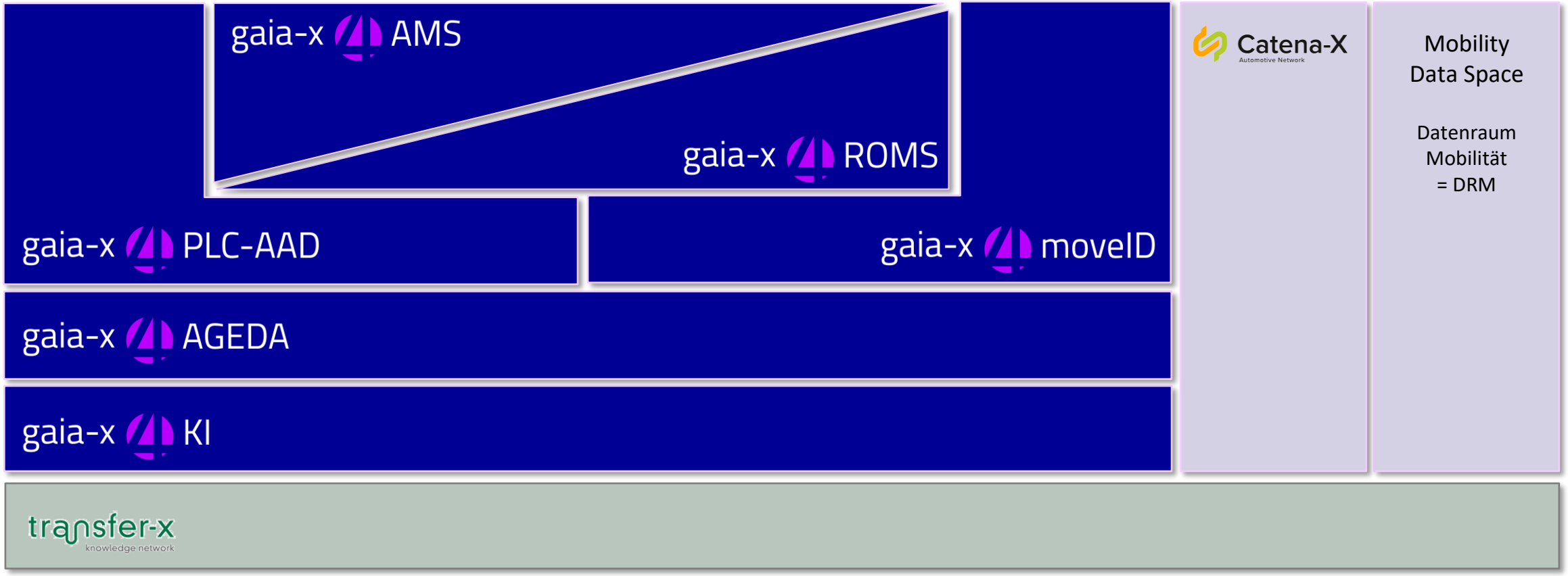
| Agriculture | Energy | Finance | Geoinfor-mation | Health | Industry 4.0/SME | Mobility | Public Sector | Smart City/ Region | Smart Living | Plan/Build /Operate |
|---|---|---|---|---|---|---|---|---|---|---|

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## Contact

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