6G-ANNA

Concept for a German 6G Lighthouse Project

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6G Lighthouse Project – Designated Setup

- **Project coordinator:** Nokia
- **Contact persons:** Marco Hoffmann, Rastin Pries
- **Partners:**
  - 34 partners from industry (7), SMEs / startups (8), research institutes (3) and universities (12 / 16 chairs)
  - Geographic distribution and diversity across 10 German states
  - Gender diversity: 5/34 contact persons
  - 4 associated partners
- **Work Packages:** 6 (Project Management, 6G Architecture, 6G Access, Network of Networks, Automation & Simplification, PoCs)
- **Volume:**
  - ~ 3000 PMs
  - SME percentage: 30% of industry funding
- **Begin:** 01.07.2022 / **Duration:** 3 years
Project Partners

Industry:
• Nokia
• Airbus
• Bosch
• Ericsson
• Rohde & Schwarz
• Siemens
• Vodafone

SMEs:
• AIN
• Blackned
• Cadami
• Meshmerize
• Mimetik
• PHYSEC
• Smart Mobile Labs
• Wandelbots

Research Institutes:
• Fraunhofer AISEC
• Fraunhofer HHI
• Fraunhofer IPT

Universities:
• FAU Nürnberg Erlangen
• KIT
• Ruhr-Universität Bochum
• RWTH Aachen – ICE
• RWTH Aachen – INDA
• TU Braunschweig
• TU Dortmund
• TU Dresden – MNS
• TU Dresden – ComNets
• TU Hamburg Harburg
• TU Kaiserslautern
• TU München – LKN
• TU München – LMT
• TU München – NET
• U Bremen
• U Magdeburg

Associated partners:
Airbus Defense and Space GmbH, Einhell Germany AG, Mercedes-Benz AG, SAP SE
Project Storyline

Physical World  Human World  Digital World
Project Storyline

Digital World

Augmentation and Twinning

Cognition and Hybrid Intelligence

Physical World

Testbeds & PoCs

Collaborative Spaces

Human World
Ambitions

• **Strengthen and push** German and European industry
• **Enable** dissemination by industry
• **Drive** global pre-standardization activities from a German and European perspective
  • Set up a “System Engineering Gremium” (SEG)
  • Support other German 6G projects (aligned with platform)
• **Strengthen and push** German and European technology sovereignty

**Support** interaction with other national and international activities:
• German 6G Platform, 6G Hubs and industry projects (e.g. working groups)
• European projects: Hexa-X, EC SNS JU Phase 1 projects, …
• National 6G programs: Finland, Spain, Sweden, France, …
• International 6G programs: Next G Alliance, IOWN, …
Thank You!

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