

COMET Centre (K1)

Pro²Future

Products and Production Systems of the Future

- >> **Main location:** Johannes Kepler Universität Linz, Upper Austria
- >> **Other locations:** TU Graz, Styria; Profactor GmbH, Upper Austria

>> Thematic focus

Cognitive Products & Production Systems, Cognitive Decision Support Systems, Cognitive Robotics & Shop Floors, Perception & Aware Systems, Embedded Artificial Intelligence

>> Planned realisation and outcomes

Entanglement of human and artificial intelligence (Pervasive AI), complexity management in distributed AI environments (Engineering for Distributed AI), relationships between cause and effect of events (Causality), predictable AI controlled behaviour (Explainable AI) and adaptation of production processes (Analytical User Guidance). Another focus will be on Edge Analytics, Failsafe & Robust AI, and AI for Sustainable Production.

>> History of establishment

As a meanwhile established research center with a focus on cognitive production, Pro²Future was founded on Austria's strongest industrial and research axis Upper Austria-Styria in 2017.

>> Selected partners

Company partners (max. 10)

1. AVL List GmbH
2. Fronius International GmbH
3. voestalpine Stahl GmbH
4. Elektrobit Automotive GmbH
5. Sony Europe B.V.
6. Wacker Neuson Beteiligungs GmbH
7. AUVA
8. Primetals Technologies Austria GmbH
9. Unicor GmbH
10. KEBA AG

Scientific partners (max. 5)

1. Johannes Kepler Universität Linz
2. Technische Universität Graz
3. Software Competence Center Hagenberg
4. Profactor GmbH
5. Universität Graz

International partners (max. 3)

1. TU München
2. University of Maribor
3. DFKI Kaiserslautern

>> **Duration of the COMET Centre:** 04.2017 – 03.2025 (8 years)

>> **Staff employed at the Centre:** >30 FTE, thereof >25 Scientists

>> Management of the Centre

DI Gerd Hribernig, CEO
Univ.-Prof. Mag. Dr. Alois Ferscha, Scientific Director

>> Pro²Future GmbH

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