

COMET Centre (K1)

CDP

Austrian Center for Digital Production



>> **Main location:** Vienna

>> **Other locations:** Dornbirn, Vorarlberg

>> **Thematic focus**

Digital Engineering, Digital Twins, Adaptive Production Systems, Predictive Quality Assurance, Sensing Machining, Process Model Based Orchestration, production Data Integration, Production Data Analytics

>> **Planned realisation and outcomes**

Development of SW key components to support the highly automated production of small batches, procedures for predictive quality assurance (based on process data), SW platforms for ensuring the consistency of planning (documentation) and execution and for graphic programming of production systems, solutions for contextualizing and integrating production data, Methodologies for the use of AI in production data analysis.

>> **History of establishment**

CDP is a result of the initiatives “researchTUB” and “Pilotfabrik Industrie 4.0 of TU Wien

>> **Selected partners**

Company partners (max 10)

1. EVVA
2. HOERBIGER
3. EMCO
4. Bühler
5. Doppelmayr
6. Hörmann
7. BMW
8. Welser Profile
9. ATOS
10. Bosch-Rexroth

Scientific partners (max 5)

1. TU Wien
2. Universität Wien
3. V-research
4. ETH Zürich
5. Georgia Tech

International partners (max 3)

1. Chiba University
2. KIT (Karlsruhe)
3. Univ. Madison

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

>> **Staff employed at the Centre:** 50 FTE, thereof 45 researchers

>> **Management of the Centre**

Univ. Prof. Friedrich Bleicher, (Chairman of Strategy Board)

DI Dr. techn. Christoph Pollak & Christian Schuckert (Managing Directors)

>> **CDP Center for Digital Production GmbH**

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