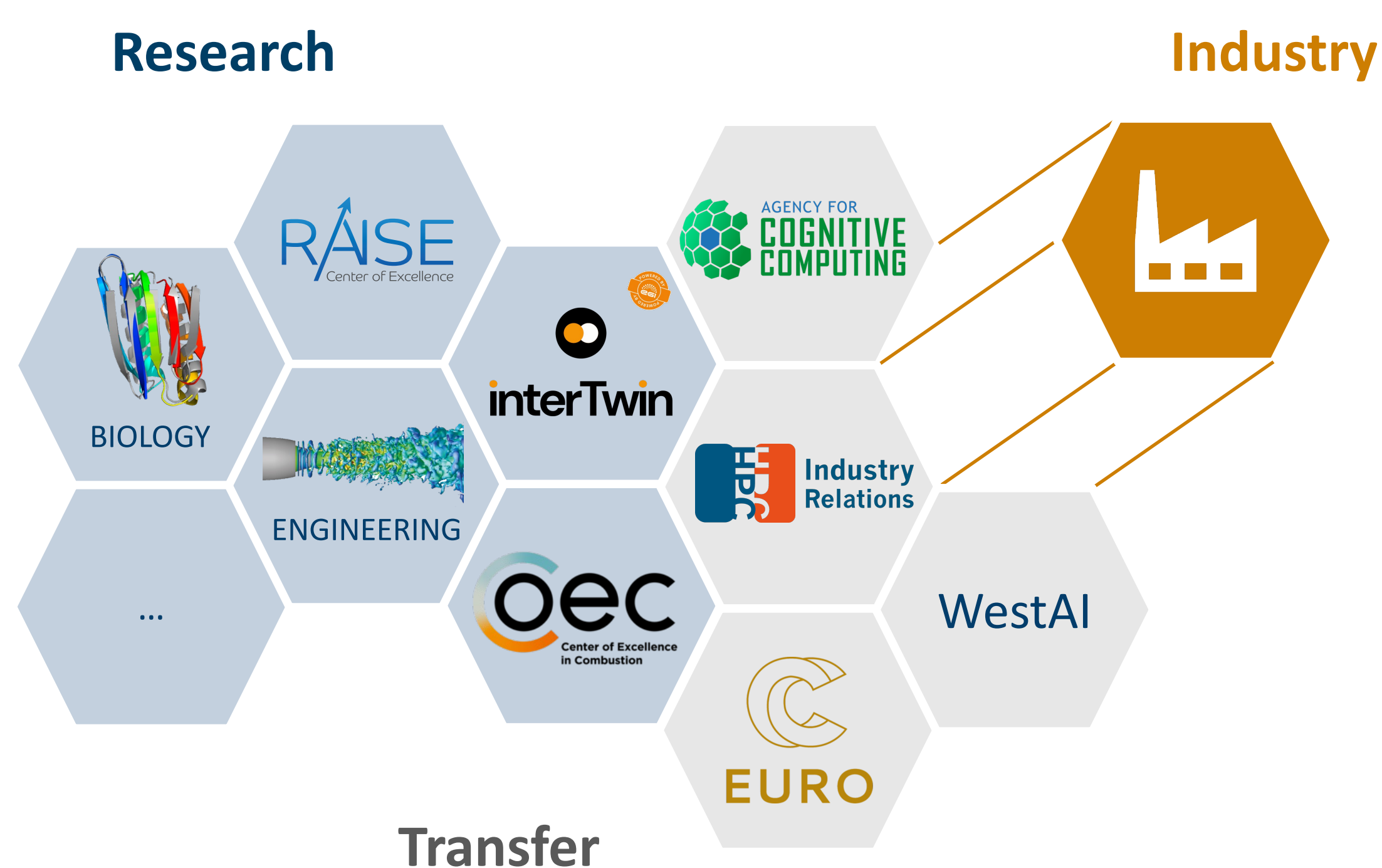
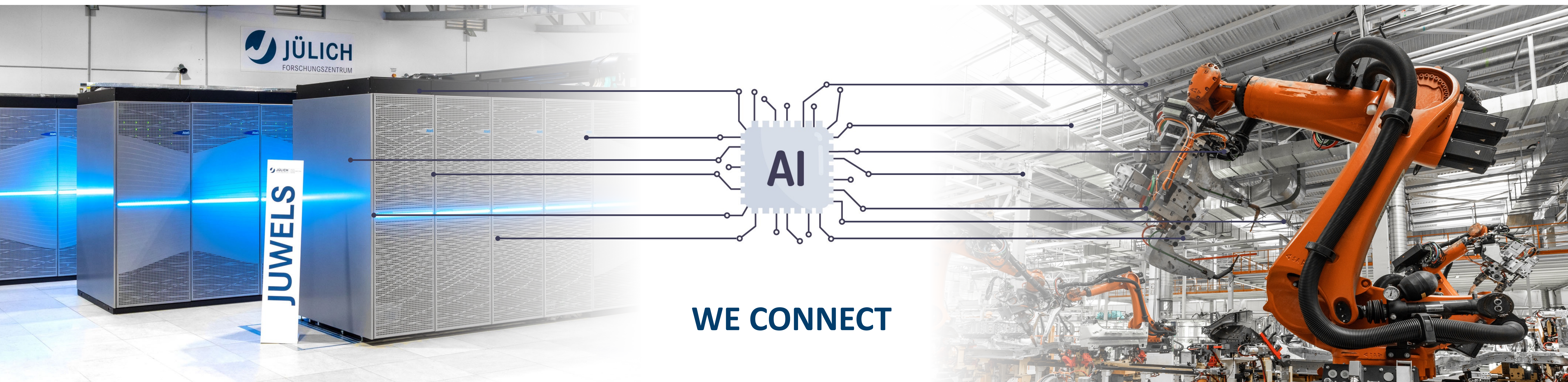


# Transfer at the Jülich Supercomputing Centre

Bringing Artificial Intelligence and High-Performance Computing to Industry

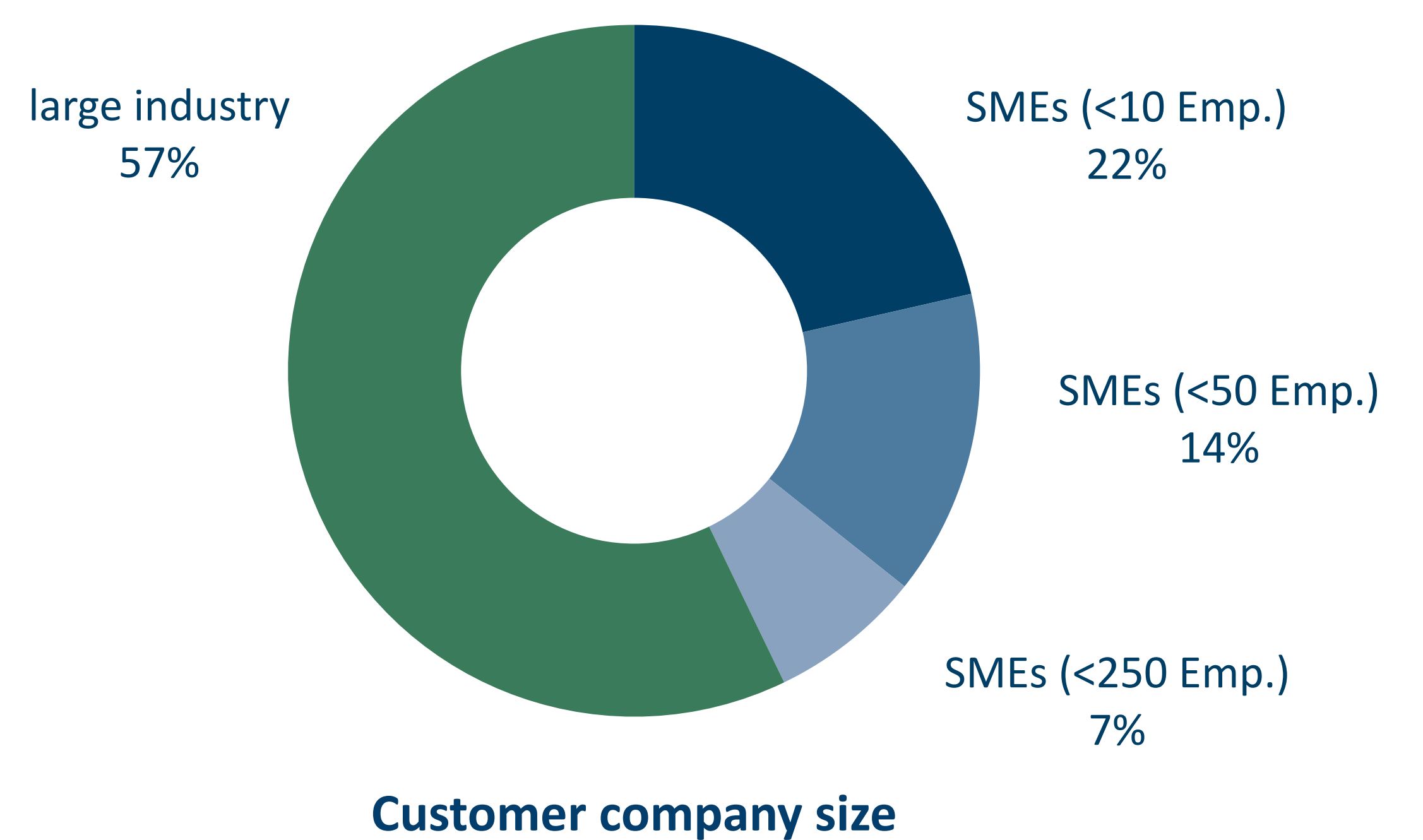


## Research provides the cutting-edge technologies

- The Jülich Supercomputing Centre (JSC) is involved in many HPC- and AI-based research projects
- JSC provides a unique research and support structure through its Simulation and Data Laboratories (SDLs)
- The latest hardware is integrated into JSC's HPC infrastructure for experimental and production purposes
- JSC will host JUPITER, the first Exascale computer of Europe

## Targeted transfer of knowledge

- EuroCC creates bridges between Centers of Excellence and industry
- WestAI provides knowledge to industry in a broad sense
- Agency of Cognitive Computing (ACC) as structural change measure
- The ACC aims at channeling research expertise in AI, HPC, and Quantum Computing to local industry and SMEs
- The ACC brings digitalization to jobs in the Rhenish region by massively strengthening the dual degree program "Mathematical-technical Software Development"



## The Industry Relations Team (IRT)

- Founding of the IRT in 2015
- Continuously growing number of industrial customers (16 as of 01/2023)
- Matchmaking between scientists at JSC and industry
- Tailored solutions for individual customers
- Consulting in HPC hardware procurement
- Sale of compute cycles

