



Technological elements of Industrie 4.0

A

- Real-time capability
- Systems integration

B

- Big Data Analytics (known hypotheses)
- Machine Learning and Artificial Intelligence (new contexts)

C

- Decision support systems (visualisation)
- Automated decision making

D

- Vertical and horizontal process and systems integration
- Cyber-physical systems

Figure 2: How organisational learning increases the value of an adaptation (source: FIR e. V. at RWTH Aachen University)