

Industrial Policy in German ICT E&E Industry

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Zielgruppenarbeit und

Gleichstellung

Germany in a sandwich position





Gleichstellung

German ICT Electrical & Electronic Industry



Difficult situation for IT-Services and digital innovation



Growth of industrial sectors using electronics (automotive, mechanical,...)

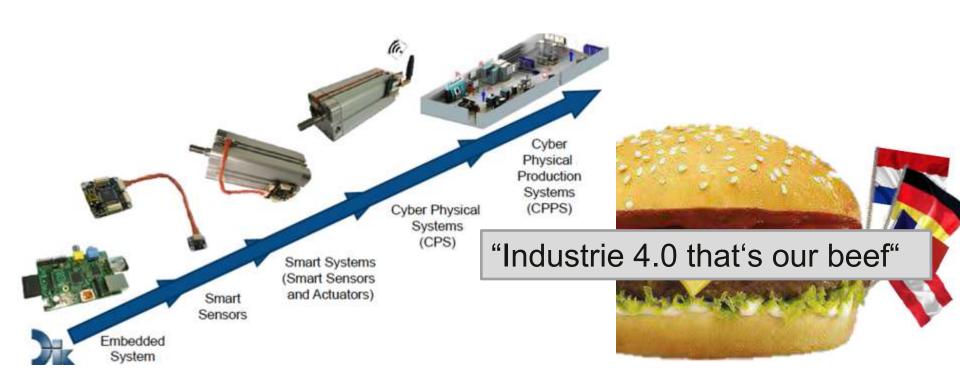




Important decrease for electronic components and communication equipment



German "Initiative Industrie 4.0"



Using **cyper-physical-systems** and digital innovation in automotive and mechanical-industry



"Industrie 4.0" – issues and effects

Robotics Assistance

New **Value-Chains**

Mobile Devices on the Shopfloor

Remote and **Virtual Services**

Big Data Analytics











- Idea: Production with batch size 1
- First applications, supported by government department
- Trade unions are involved in this process
- Bundesministerium für Bilduna und Forschung
- Our challenge: Build this new "Industrie 4.0" with work humanisation and with sustainable employment
 - → New competences, Qualification, IT skills are more important



IG Metall Initiative: faircrowdwork.org



Crowdarbeit kann besser werden!

Digital platforms for jobs: Crowdworker as digital day labourar

Get involved: crowdwork can be improved

