

# Strategies for Re-industrialization of European industries”

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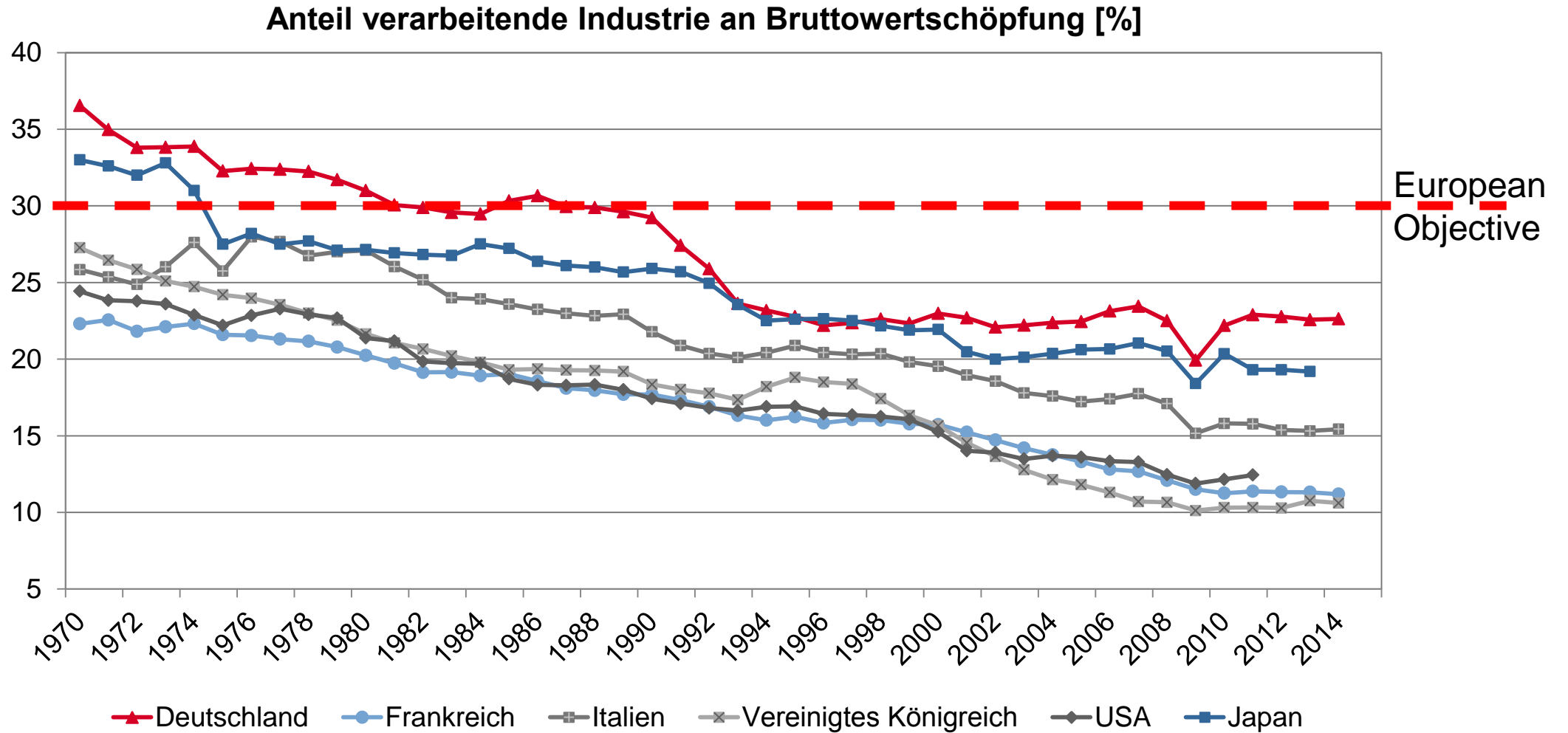
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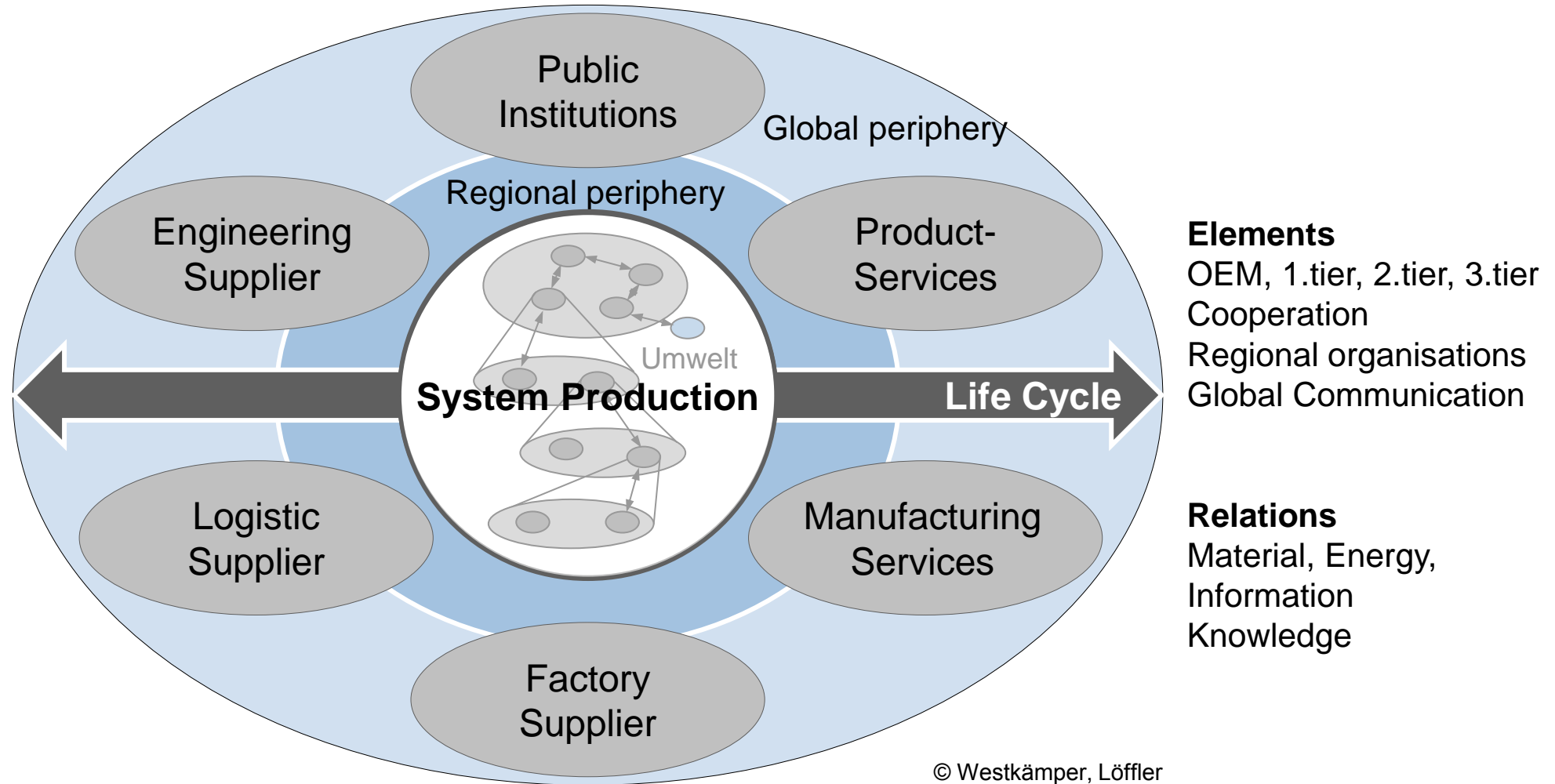
EWTM Stuttgart

EU High Level Groupe TP ManuFuture

# Relation of Adding Value in the national GDP



# Enlarging the System of Manufacturing



# Objectives of Manufacturing Development

## Global Competition and Sustainability In the Life Cycle of Products and Factories

Changeability  
Flexibility

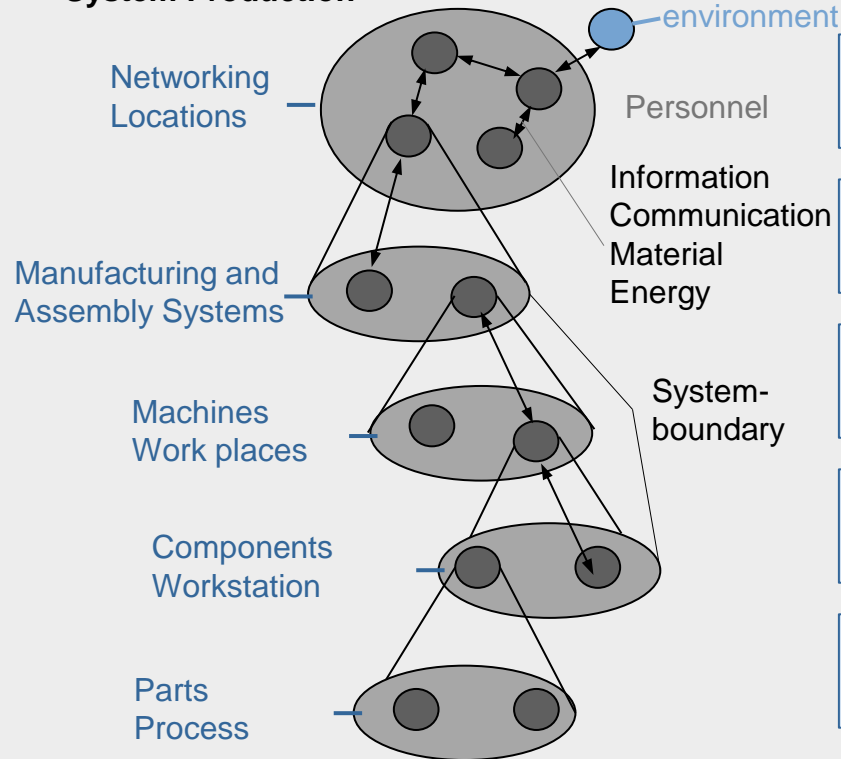
High Performance

Technical Intelligence

Customization

Innovative  
Technologies

### System Production



System efficiency

Cost effectiveness  
Profitability

ecologic Efficiency

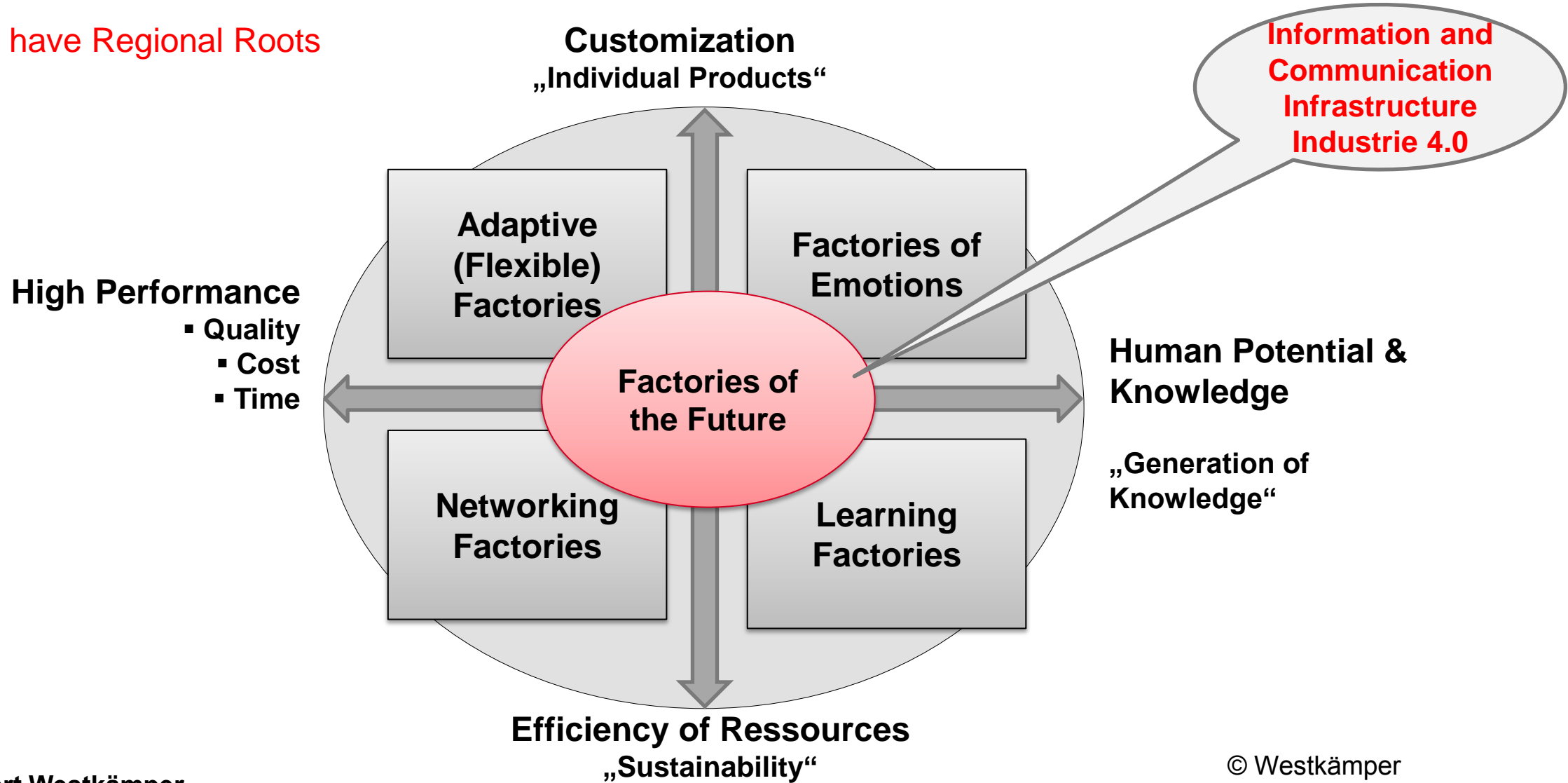
social Efficiency

economic Resilience

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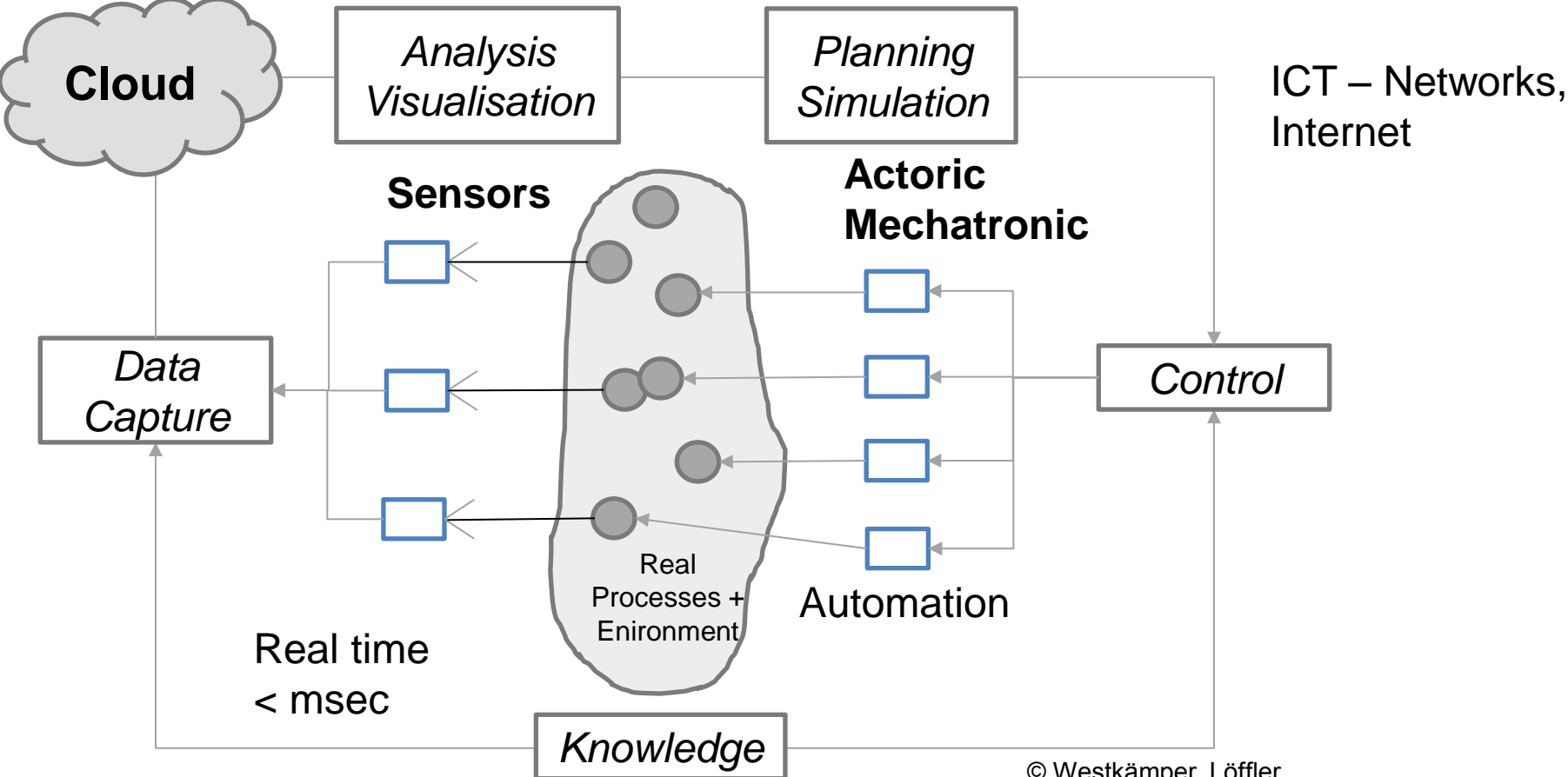
# Visions of Future Factories

Factories have Regional Roots



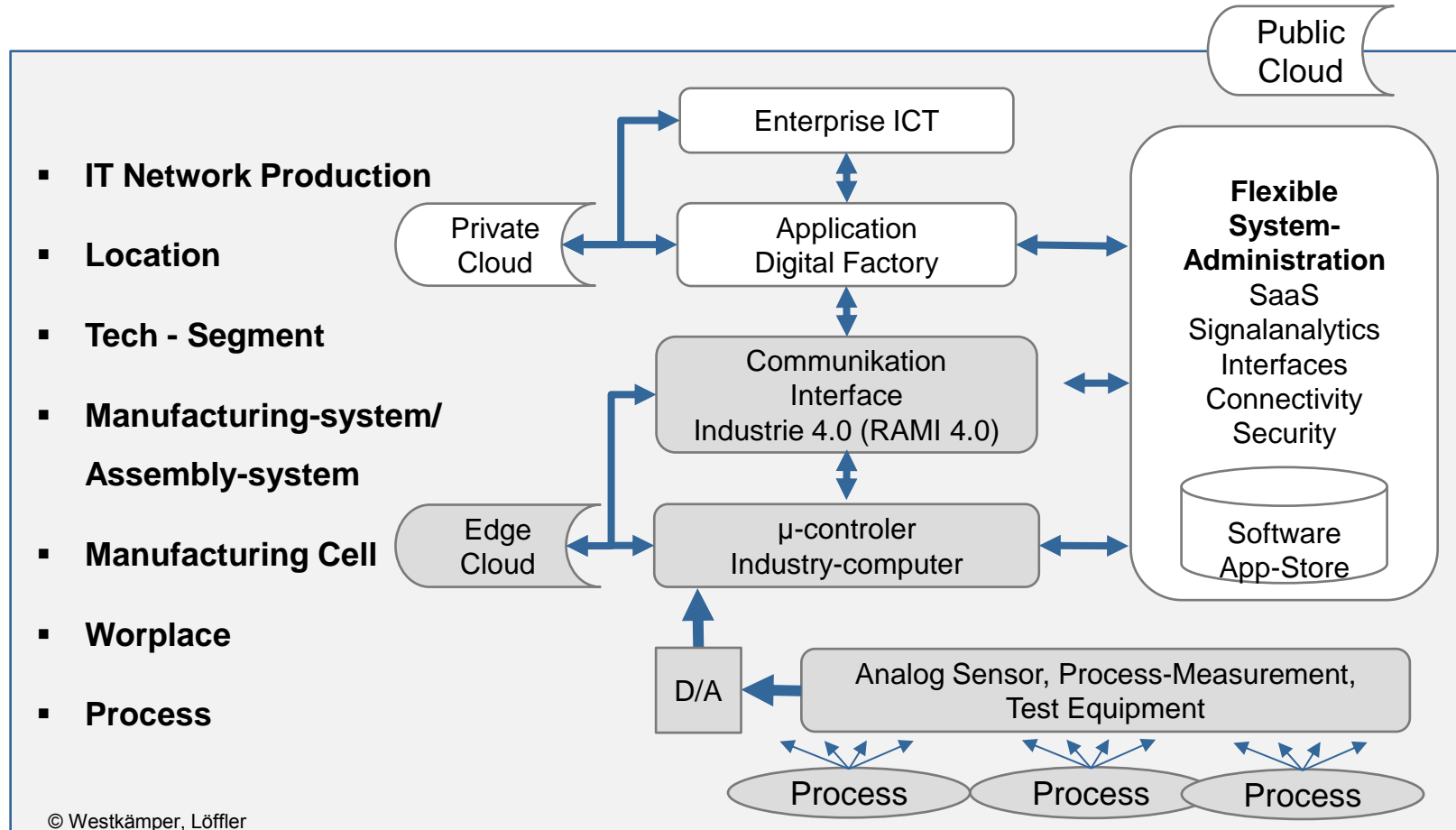
# Cyber-Physical-Systems „Industrie 4.0“

single-sign on  
look + feel  
- everywhere  
- anytime

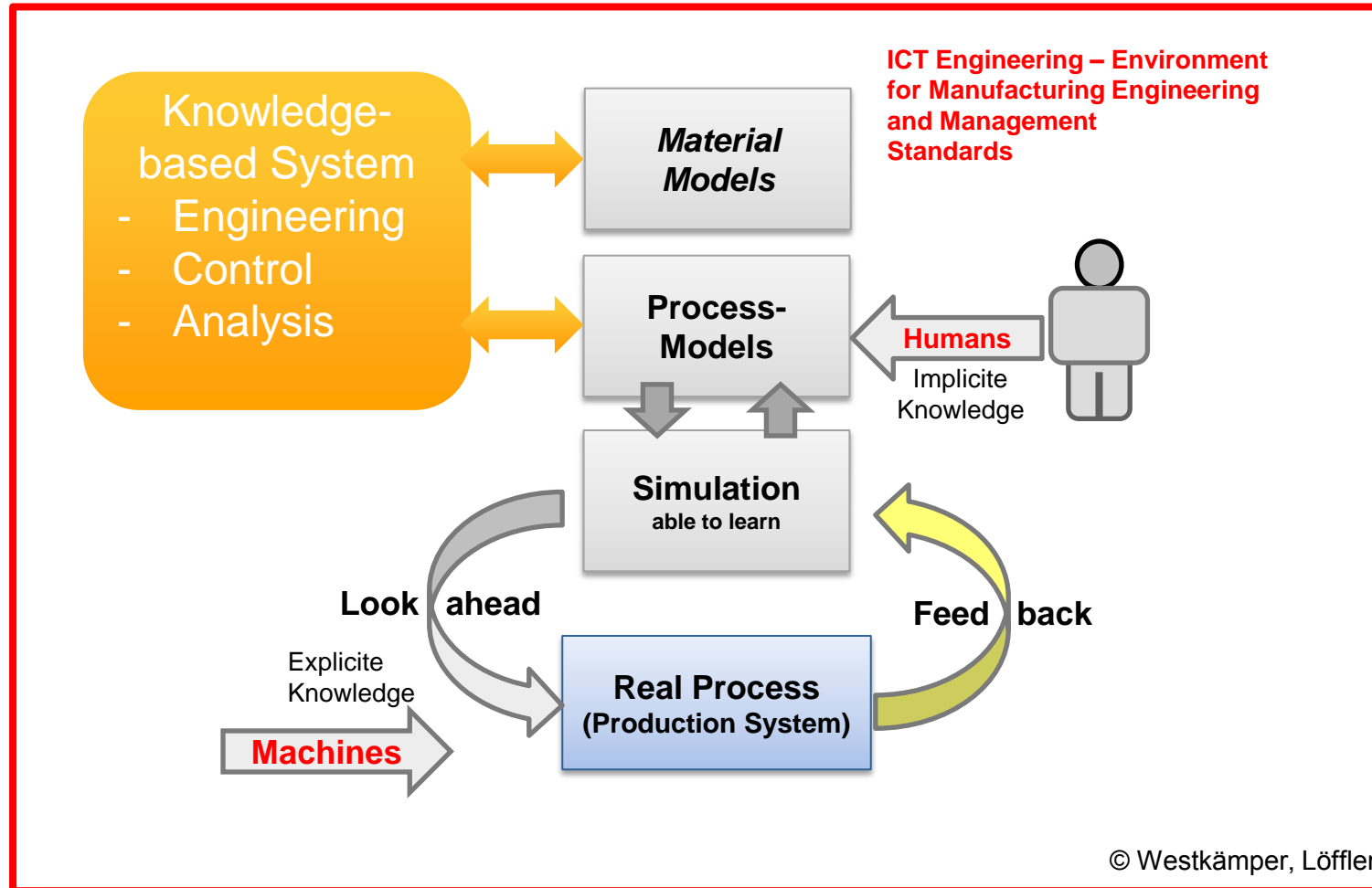


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# ICT Architecture for Factories (IC4F)



# Research for Technical Intelligence and Learning Manufacturing





# Future Strategies for the Development of Manufacturing

