

**Title: Adoption of Factory of the Future technologies / Concept of an impact indicator system to track the path towards the Factory of the Future**

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Abstract: One of the main innovation potentials to maintain the long-term competitive advantages of the manufacturing sector in high-wage countries is the adoption and implementation of Factory of the Future technologies. Different types of existing Industry 4.0 maturity models open up opportunities of defining the company's strategic position – an important starting point.

The presented impact indicator system extends those models to support the path towards the Factory of the Future. Its starting point is a qualitative evaluation of critical success factors, which allows a company to derive measures to utilize the company's innovation potential. Based on this strategic input, the core part of the developed approach is a strategic framework for the quantitative assessment of impacts on the operational performance of a company's value stream and innovation potential.



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