

SMART a Multidimensional Concept in Modern Economy



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General understanding:

Smart is an evolutionary transition, which is promoted with the aim to achieve sustainable development and ensure sustainable welfare of a particular socio-technical system (STS).

System view:

A sustainable and efficient outcome of a dynamic and evolutionary transition to sustainable welfare in a STS

Process view:

A sustainability and efficiencyoriented dynamic and evolutionary process geared for a STS for sustainable welfare

SMART

Implementation view:

A sustainable and efficient implementation of particular transition drivers so that they would meet the challenges / visions of sustainable welfare

Orchestration view:

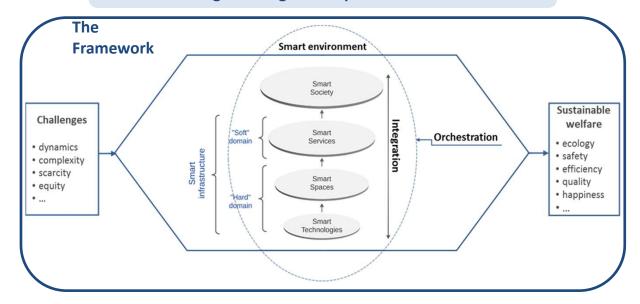
A sustainable and efficient orchestration of the dynamic and evolutionary transition of a STS to sustainable welfare

Key Finding:

Human knowledge and skills still remain essential and create the basis for the development of smartness in future systems

The Definition:

SMART: Meeting Challenges to Improve Sustainable Welfare.



Publications:

- J. Vasauskaite, S. Teufel, B. Teufel: Smart Framework Application under the Conditions of Modern Economy. Engineering Economics, Vol. 28, No. 2, 2017.
- S. Teufel, B. Teufel: Smart Living an Innovation and Research Agenda. Proc. World Conf. on Innovation, Engineering, and Technology, Kyoto, Japan, 2015.