



Constellation Analysis as methodology for implementing Resource-Oriented Sanitation in Rural Germany

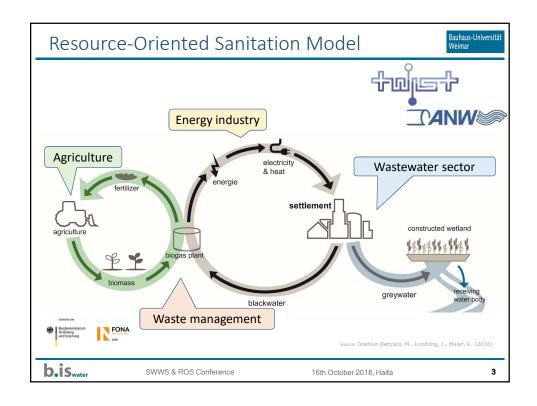
Enhancing the implementation of ROS by interdisciplinary planning methods

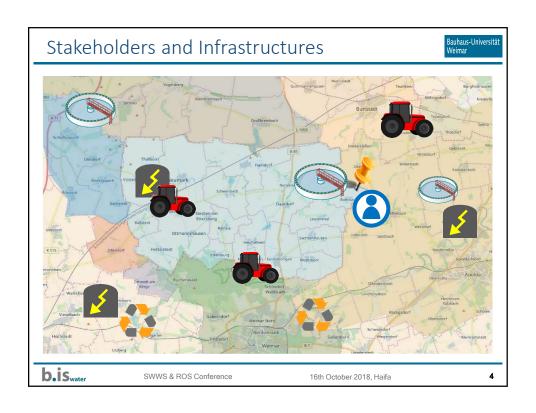
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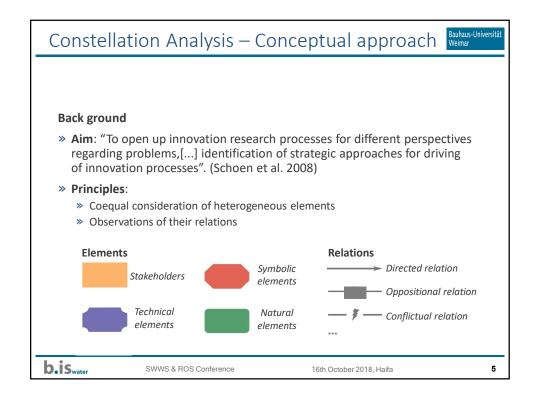
SWWS & ROS Conference 2018 The International Water Association 14th – 18th October, 2018, Haifa/Israel

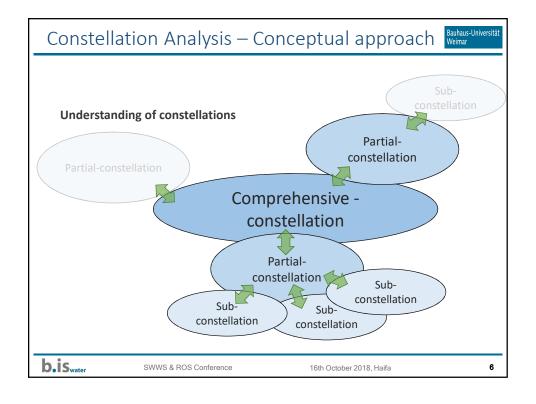


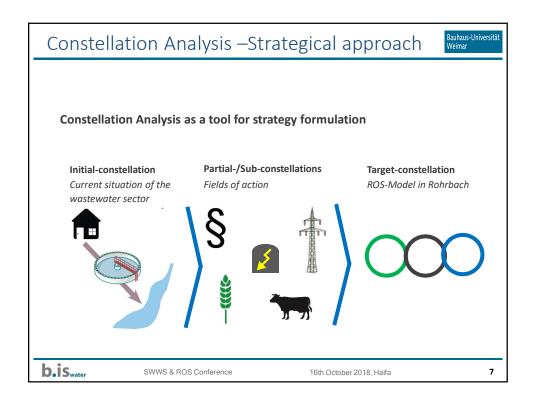
Back ground ** Eastern Germany ** Population village: 200, population administrative union (24 villages): 9000 ** 8 Wastewater Treatment Plants ** Connection rate: 50% ** SWWS & ROS Conference** ** Total Cotober 2018, Haifa** ** 2

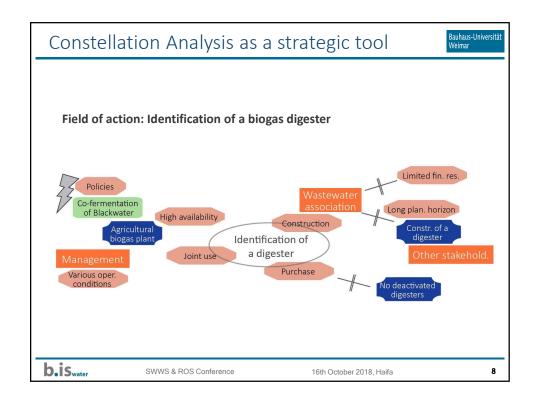


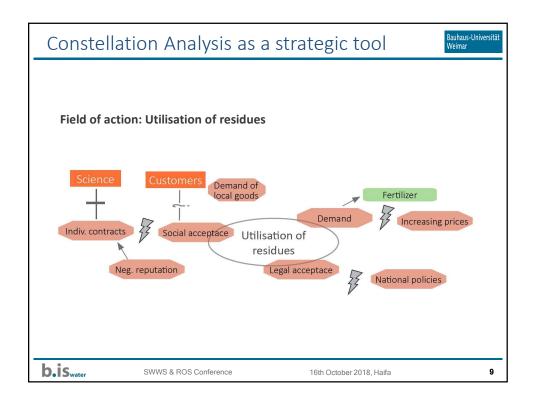


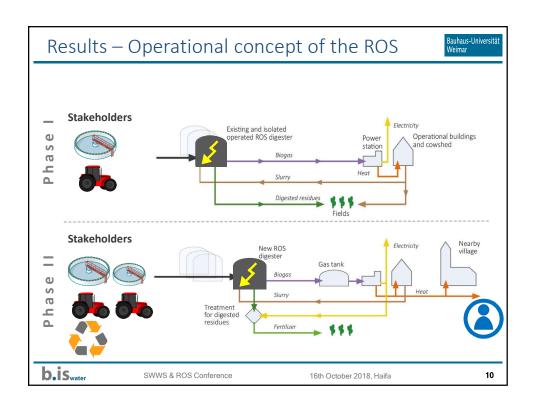












Conclusion on the case study



- » A specific operational concept for a ROS-Model was developed addressing national, regional and local requirements and interests
- » High flexibility is achieved by two implementation phases
 - » 1st phase: most feasible option (f.e. testing phase)
 - » 2nd phase: effective option (high level of linkages between different sectors)
- » Obstacles:
 - » Are known, manageable and can be directly addressed

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Overall Conclusion



- » Differentation of the context into a set of constellations as a pragmatic strategic approach
- » Analysis of crucial fields of action allows to identify specific potentials catalysing or obstacles hampering the implementation of the ROS
- » Applying the Constellation Analysis as a strategic tool can effectively enhance the implementation of ROS

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