

## Webinar/Online Seminar of the BMBF Funding Measure WavE

### **ONLINE-SEMINAR 1: Assessment of Water Reuse Technologies and Concepts**

31 March 2021, 10 – 12 am

Sufficient supply of water of adequate quality is essential for human physical wellbeing as well as for sustainable regional development and for an intact environment. Excessive use and pollution and the still growing water demand represent major challenges concerning the availability of water resources. With water stress rising due to climate change impacts, achieving an increase in water availability through reuse and desalination is not only crucial for semi-arid and arid regions but also for traditionally more moderate climates.

**How to support decision makers to implement innovative technologies and concepts for water reuse and desalination?** Regularly, the related decision-making process is characterized by conflicting goals between economic, technical, environmental, and socio-political considerations. The **Webinar** introduces comprehensive evaluation approaches and suitable assessment methods to meet these challenges and to support decision-making processes.

These assessment approaches were developed in projects under the funding measure “Future-oriented Technologies and Concepts to Increase Water Availability by Water Reuse and Desalination – WavE” sponsored by the German Federal Ministry of Education and Research (BMBF).

**Free of Charge. [REGISTRATION HERE.](#)**

#### **Draft Programme:**

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| 09:45 | Web Conference room is open   |
| 10:00 | Welcome: <b>C. Jungfer, DECHEMA e.V., M. Engelhart/TU Darmstadt</b> (Moderator)   |
| 10:05 | Introduction: Assessment of Water Reuse Technologies and Concepts - Technical aspects (KPI/KUOI) (tbc)<br><b>M. Engelhart/TU Darmstadt</b>  |
| 10:20 | Approaches for the evaluation of future-oriented technologies and concepts in the field of water reuse and desalination<br><b>K. Wencki/IWW</b>   |
| 10:40 | Framework conditions to design sustainable business models for decentralised water treatment technologies in Viet Nam for international technology providers (project WaKap)<br><b>C. Hohmann, F. Tettenborn/Fraunhofer ISI</b> |
| 11:00 | Economic and Environmental Assessment of Water Reuse in Industrial Parks – A Case Study based on a Model Industrial Park (project WaRelp)<br><b>J. Hilbig/IEEM</b>  |
| 11:20 | Multi-criteria evaluation as a powerful support tool for the evaluation of technical alternatives at the example of the steel industry (project WEISS)<br><b>A. Ante/sms group</b>  |
| 11:40 | Discussion  |
| 11:55 | Closing Remarks   |
| 12:00 | End of online Seminar   |