

COMET competence center "ReWaste4.0" from the chair of Waste Processing Technology and Waste Management (AVAW) is approved!

Within the framework of the **6th call for COMET-K** projects the federal government, the federal states and involved organizations encourage **eight new excellence projects in Austria** (Total volume EUR 43 million). Overall **23 applications with a total volume of EUR 114 million** were submitted.

Recycling and Recovery of Waste 4.0 – ReWaste4.0 – from **AVAW** is a long-term oriented, innovative as well as cooperative K-Project at the highest scientific, technical and economic level with **two partners from science** (MUL & FH Münster – IWARU (GER)) and **seven from industry each** (Anton Mayer GesmbH, BT-Wolfgang Binder GmbH – REDWAVE, IFE Aufbereitungstechnik GmbH, Ingenieurgemeinschaft. Innovative Umwelttechnik GmbH, Komptech GmbH, Lafarge Zementwerke GmbH und Saubermacher Dienstleistungs AG). The overall innovative objective **for the first** time is to investigate and partially implement the new approaches (i.e. digital networking, communication between waste quality and plant performance, dynamic process control and optimization, robotics etc.) of the "**Industry 4.0**" for the further development of waste management **towards circular economy**, especially with focus on the **high-quality recycling and recovery processes**.

The **consortium leader** is the chair **AVAW** (Prof. Dr. Roland Pomberger) of the MUL. The **project manager** is Dr. Renato Sarc (AVAW). Besides the AVAW further chairs/institutes are involved: **The chair for Process Technology and Industrial Environmental Protection** (Prof. Dr. Lehner), **Chair of Thermal Processing Technology** (Prof. Dr. Raupenstrauch), **Chair of Automation** (Prof. Dr. O'Leary), **Chair for Information Technology** (Prof. Dr. Auer) and the **Industrial Liaison Department** (Dr. Hermann). The approved total costs (project duration: **48 months**) amount to **EUR 4.88 million**, thereof approx. 70% cash.