


Circular Factory Tour: Sustainable Manufacturing at Duka for Master's Students with UNIBZ

As part of the Master's course *Technologies and Production Processes for Energy Engineering* which was developed under the EDU-CIRC Project, **12 second-year Energy Engineering students from UNIBZ and the University of Trento** had the opportunity to put their classroom knowledge into practice during a factory tour at [Duka](#). The company specializes in the sustainable production of customized shower enclosures.

The visit went beyond a standard tour: students explored Duka's mission and vision and engaged in in-depth discussions with the team about sustainable manufacturing processes. Following the tour, students applied their insights directly through practical exercises, including energy audits (ISO 50001:2018) to evaluate and optimize energy efficiency and life-cycle assessments to analyze the environmental impact of products throughout their entire life cycle.

 The key takeaway was the value of connecting theoretical knowledge with real-world applications: students gained hands-on experience in assessing and improving sustainability in production, highlighting the critical role of energy efficiency and life-cycle thinking in modern manufacturing.

 More information: <https://www.edu-circ.eu>



