



At the Chair of Logistics and Supply Chain Management of TUM School of Management, we are looking for interested and qualified students to conduct their

Project Study

on the topic

Unlocking Circularity: A Cross-Industry Study on Sustainable Transformation

with **H&Z Management Consulting**

The transition to a circular economy is becoming an imperative across industries, driven by growing regulatory demands, technological advancements, and increasing pressure for sustainable practices. However, the approach to circularity varies significantly between sectors such as rail, aviation, MedTech & healthcare, automotive, engineered products, and private equity & financial services. Identifying actionable levers that align with regional and industry-specific regulatory frameworks, emerging technologies, and financial instruments is essential to advance circularity. Furthermore, aligning these levers with key procurement categories, particularly direct materials, offers significant potential for reducing waste, conserving resources, and achieving long-term sustainability goals. This project study aims to uncover innovative circularity strategies tailored to these industries and procurement categories. The Project Study is in cooperation with **H&Z Management Consulting**. More information on <https://hz.group/>

Key project tasks:

- **Industry Analysis:** Conduct in-depth research on the state of circularity within the target industries, including key challenges, regulatory frameworks, and trends influencing sustainable practices.
- **Technology & Financial Lever Assessment:** Explore emerging technologies and financial mechanisms that enable circularity, evaluating their relevance and potential impact across the focus industries.
- **Procurement Category Alignment:** Identify direct material procurement categories within each industry and map circularity levers to these categories, emphasizing strategies to minimize resource consumption and waste.
- **Framework Development & Recommendations:** Synthesize findings into a comprehensive framework that highlights industry-specific circularity levers and actionable recommendations for sustainable procurement strategies.

Requirements:

The Project Studies is suitable for Management or Management and Technology students. A major in operations and supply chain management is preferable but not a strict requirement.

Earliest begin: as soon as possible

Supervisor: Alexander Bloemer

Application: Email with curriculum vitae and transcript of records to logtheses.log@mgt.tum.de