



Call for a Master's Thesis:

Circular economy assessment - A comparison of indicators and requirements for their implementation

Background:

The transition towards a circular economy is one among several complementary strategies for achieving sustainable development. Circularity indicators and sustainability indicators are essential tools to assess and guide this transition. Still, while well-established methods for evaluating environmental impacts exist (e.g., LCA), the use of circularity indicators in practice remains challenging. A key issue is understanding the similarities and differences in calculation methods, data points, and sources for these indicators, which can significantly influence the effectiveness and practicality of circularity assessment approaches. This thesis aims to address this knowledge gap, ultimately supporting companies in making informed decisions and facilitating the transition towards a circular economy in a sustainable manner.

Objective:

The objective of this Master's thesis is to investigate the similarities between circularity indicators and other sustainability indicators, focusing on indicators for the micro and meso levels. The study will analyze different calculation methods and identify the most important data points and their sources across the different methods. Additionally, an empirical survey will be conducted with companies to prioritize the indicators and assess the practicality of implementing a circularity assessment approach.

Methods:

Literature review and content analysis, semi-structured interviews

Contact:

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Application:

until April 21st 2023

Duration:

May 2023 - October 2023