

## Circular Economy Transformation Strategies for Companies

### Motivation

The Circular Economy (CE) is listed as a measure of the European Green Deal for sustainable development and has many potentials, including achieving the planned climate neutrality of the EU. In order to implement the strategies of Circular Economy, companies must transform their current strategies in core areas related to product designs, business models, relationship with customers and manufacturing. However, companies are experiencing uncertainty regarding how to address this transformation due to its multi-faceted nature.

In this scenario, some research questions are:

- What are the current circular economy strategies available in the literature?
- What are the levels and components of circular economy strategies?
- What are indicators used to measure such strategies in different fields of manufacturing companies?



Source:  
<https://pixabay.com/illustrations/recycling-arrows-network-green-4091876/>

### Scientific Methodology

- Familiarization with the topics of Circular Economy and its strategies
- Systematic literature review on transformation strategies for circular economy implementation

### Goals and expected results

The aim of this work is to develop a systematic literature review on current transformation strategies for circular economy. It is expected the use of different research platforms and evaluation of results based on scientific methods. The thesis should be written in English.

### Contact

Bruna Pereira de Souza, M.Sc.

Tel.: +49-241 80-91171

Email: [bruna.pereiradesouza@ima.rwth-aachen.de](mailto:bruna.pereiradesouza@ima.rwth-aachen.de)

### Type of work

Bachelor in Mechanical Engineering/Production Engineering/Sustainability Management