

Bachelor's/Study/Master's Thesis

„Circular Economy, Sustainability in Energy Systems, Smart Cities“

Description

Are you interested in exploring current issues within the energy sector and applying innovative solutions to promote sustainability?
Then, consider delving into one of the following Master/Bachelor thesis topics.

Qualifications

- **Bachelor's / Master's** studies in the field of Industrial Engineering, Mechanical Engineering, Chemical Engineering, or similar.
- Good knowledge of **English**.

Current Topic Areas:

- **Sustainable value chain management in the energy sector:**
Explore how system dynamics principles can be applied to optimize supply chain processes within the energy sector while considering environmental and social sustainability factors.
- **Circular economy implementation in energy infrastructure projects**
Explore the application of circular economy principles in energy infrastructure projects, including the reuse, recycling, and repurposing of materials and components to minimize waste and promote sustainability.
- **Dynamic modeling of energy demand in smart cities:**
Utilize system dynamics modelling to simulate and forecast energy demand patterns in smart cities, considering factors such as industry, population growth, urbanization, and technological advancements.

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