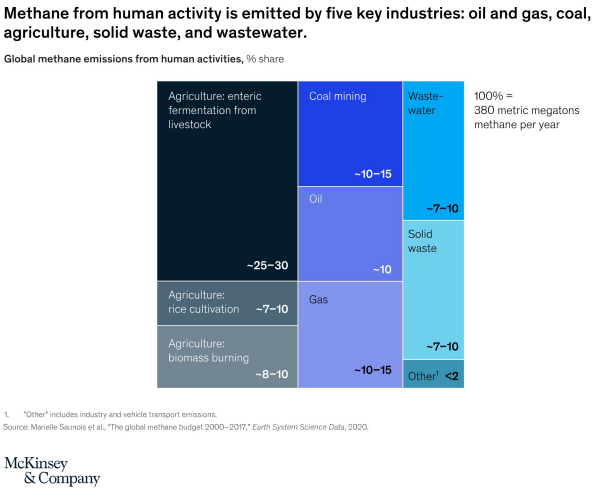
Reducing the impact: Methane

Topic suitable for Master Thesis (Bachelor Thesis)

The reduction of anthropogenic methane emissions, which are currently responsible for about 30 per cent of global warming, is an indispensable task.

This thesis addresses the material flows, regional and sectoral allocations of methane emissions and the challenges of reducing emissions.



CEET is pioneering the development, optimisation and application of functional materials for energy conversion and storage technologies.

Given the global interest in reducing methane emissions, strategies on the path to climate neutrality need to be assessed in order to achieve the global NET-ZERO targets. Based on the strategies, future technology research needs will be identified.

Tasks:

- Literature research, collection and preparation of the data
- Describing and elaborating strategies to achieve climate goals
- Analyse data and determine the need for technology research to contribute to reducing carbon emissions.

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