

KomoWA

Conceptual design of a modular carbon footprint model for Vienna's waste management sector

Although the waste industry is not one of the most relevant emitters of greenhouse gases, it plays an important role in climate protection. Analyses at international (e.g. EU level) and national level show that the waste industry has been able to significantly reduce its direct emissions of harmful greenhouse gases in recent decades.

On the one hand, the waste industry acts as a direct emitter of greenhouse gases (e.g. CO₂ emissions from thermal waste recycling and the transportation and operation of other waste treatment plants), but on the other hand it also makes a significant contribution to saving greenhouse gases (e.g. by recycling used materials or substituting energy). The balance of this is referred to as the carbon footprint.

In order to enable ongoing, systematic monitoring in the future, the carbon footprint for Vienna will be compiled annually. In order to be able to answer different questions, both a revenue-oriented and a treatment-oriented climate balance will be carried out.

The aim of KomoWA is to develop the concept for the calculation of this modular climate balance model. The concept includes the calculation method, the data requirements and their aggregation.

Project partner

VIRWa GmbH

Funding body

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[>> Project characteristics](#)