

THESIS PROJECT

SUSTAINABILITY IMPACTS OF CIRCULAR ECONOMY PROJECT

CLIENT

Cirkulära Göteborg (Circular Gothenburg) is a project within the City of Gothenburg working hands-on with the transformation from a linear to a circular economy in Gothenburg. Cirkulära Göteborg is making it easy for both the municipality and its citizens to share, reuse and find sustainable alternatives to today's linear consumption. The project leads the transformation, acts as a catalyst and arena for development of circular solutions in areas in which the City is involved. This is achieved by supporting municipal administrations, departments and businesses, through various circular activities, to meet three of the city's environmental goals: Reduced climate impact; a non-toxic environment and; a good built environment.

Cirkulära Göteborg is, among other things, working with: bicycle kitchens, neighborhood recirculation parks (Miljöbron Re:Challenge), library and community center tools and games sharing, internal recirculation of furniture within city administrations, etc.

TASK

The City of Gothenburg wants to ensure accuracy and clarity in its communication to residents, politicians and key stakeholders around circular sustainability initiatives. Such initiatives include sharing, repair, reuse and upcycling. In order to do this, Cirkulära Göteborg needs to be able to better describe the sustainability effects of different circular initiatives.

The task is to find or construct calculation models and figures to help the projects to estimate their social, environmental and economic impact. The task can be aimed at either environmental or social / economic impact. The environmental impact must be quantified, for instance in kilograms of reduced waste or kilograms of reduced CO₂. In addition, the possibilities and impact of scaling up initiatives should be considered. The social / economic impact should be quantified as far as possible, but will most likely contain qualitative elements.

Regardless of which impacts are investigated, a natural point of departure would be to compare different models for assessing social, economic and environmental impact. One or several of these models could then be applied in the analysis.

This is an exploratory thesis project. Own thoughts and ideas on how the task can be solved are welcomed.

Final delimitations are made in consultation with the thesis supervisor and contact person at the client. Both student and client should be aware that academic relevancy is mandatory.

Prerequisites & requirements

The thesis project is suitable for master students. The task can be adapted to different educational backgrounds. Own ideas and unexpected perspectives are welcomed!



Scope

The project is suitable as a master thesis of 30 hec.

Location

Göteborg

Reimbursement for travel expenses within Västra Götaland

Yes

Contact Miljöbron

Martin Ahrin-Larsson, tel. 0766 – 12 17 52

Application

Please e-mail CV, cover letter and course record with grades, to ex-jobb@miljobron.se. State clearly what project you are applying to. Also, please let us know if you are interested in any of our other listed thesis projects.

Apply as soon as possible! Recruitment is ongoing!



Miljöbron är en ideell organisation som förmedlar projekt mellan företag och studenter. Projekten har miljö och hållbar utveckling gemensamt. Genom Miljöbron får studenter kontakter och arbetslivserfarenhet, samtidigt får företag hjälp att utveckla sitt hållbarhetsarbete.