Transport demand in circular economy

Circular and sharing economy, where products are shared between users, are concepts that are expected to contribute to a sustainable future society. For example, HM recently reported that they will offer a new service where customers can rent clothes instead of buying them. “Grannsaker”, a platform for neighbours to share tools, is another example. However, these new services based on sharing will induce a transport demand.

**This aim of the thesis** is to investigate and estimate the transport demand induced by sharing and circular economy.

In the thesis 2-4 applications / services should be chosen, and the transport demand induced by them should be estimated by using simulation. Choosing an appropriate modelling approach is part of the project.

**We seek one student or a team of two students**

The thesis work is hosted by Integrated Transport Research Lab (ITRL) at KTH.

Depending on timing and results, you may also have the opportunity to write a scientific paper based on your work.

**Your application, including CV and a motivation letter, is welcome to** Anna Pernestål – [pernestal@kth.se](mailto:pernestal@kth.se)

Applications will be evaluated continuously, so please submit your application as soon as possible.

**About Integrated Transport Research Lab - ITRL**

ITRL is a multidisciplinary and multi-stakeholder arena that brings together experts from various fields in order to contribute to the development of a sustainable transport system. The main research question is *How can new technology contribute to a sustainable transport system?ow How*

More information at: [www.itrl.kth.se](http://www.itrl.kth.se).