

"Roadmapper Tool" ready for the next level

An IT-based goal-directed decision support service for a sustainable transition of the transport system with focus on personal mobility in Swedish municipalities.

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Project manager

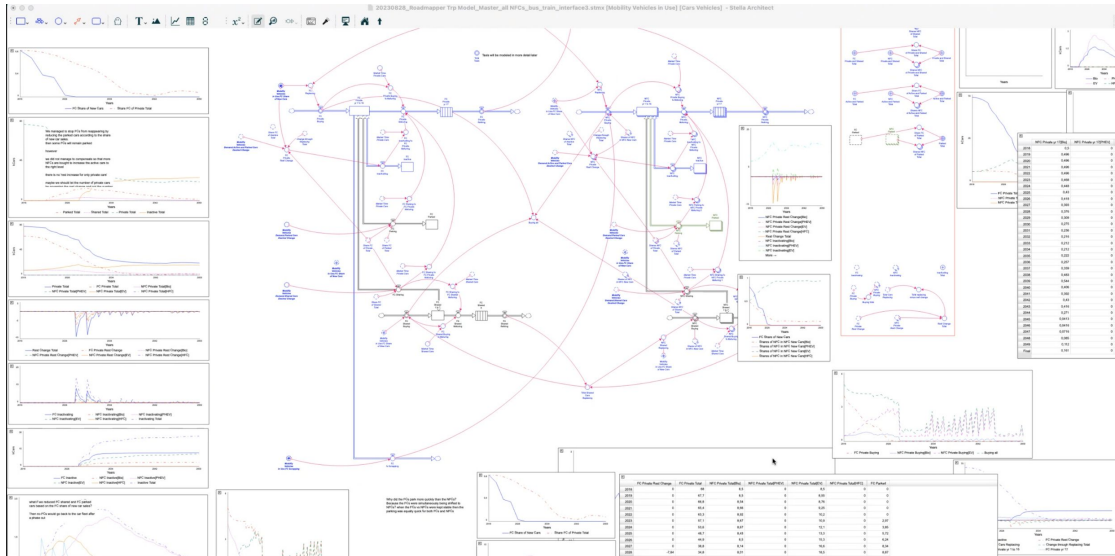
Department of Strategic Sustainable Development at Blekinge Institute of Technology.



**ROAD
MAPPER**

DRIVE SWEDEN

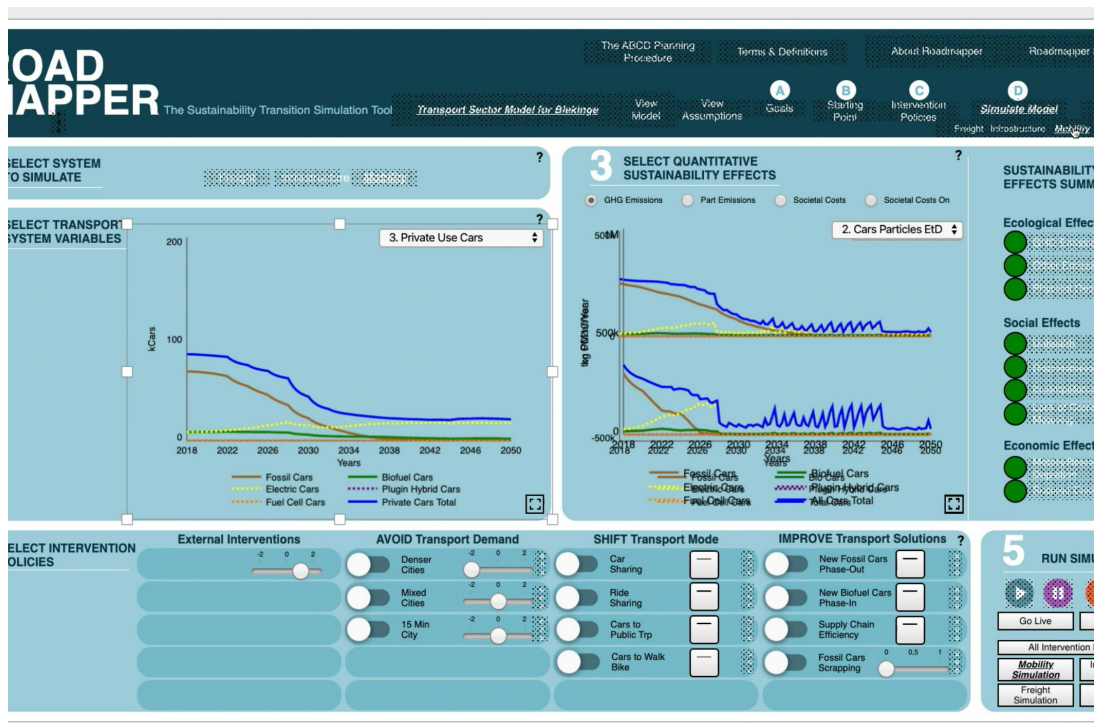
Background



Previous research and development

- The Roadmapper Project is a **three-year research project** aimed at assisting Region Blekinge and its six municipalities in their transition to a sustainable transportation systems.
- The project includes the construction of a **digital model of the transportation system** that can simulate the effects of various combinations of measures to achieve different types of goals.
- This allows the region and municipalities to **test and develop different roadmaps**.
- The project includes the development of an application that acts as a **decision support tool** for the region and municipalities to rapidly and sustainably transform their transportation systems.

Challenges



- How to support the municipalities within the Viable Cities and Drive Sweden networks' "Climate-Smart Mobility 2030" when they need to rapidly transform their personal mobility practices.
- To develop the basis for taking the "Roadmapper Tool" to the next level and conducting a demonstration project in a pilot/test environment.
- To estimate costs and time required to develop an initial version of the tool, a so-called **Minimum Viable Product (MVP)**.

Project goals



- **Confirm the need** and demand, among municipalities that are transitioning their transportation systems, for an IT-based goal-directed decision support service.
- Capture requirements and features in a first version of an IT-based decision support system, a **Product Description**.
- Assess the potential and feasibility of this service and product for the targeted users, an **Implementation Plan**.
- Develop a technical **development plan and budget** for an initial version of the application, a Minimum Viable Product (MVP).

Results

- **The confirmation** that an IT-based decision support tool for the transition of the transportation sector is highly needed.
- There are today **no tools available today** for working with goal-oriented planning or platforms for collaboration within or between authorities.
- The **documentation** specific of user stories, requirements and features for an IT-based decision system.
- **10-year implementation plan**, including a technical development plan, budget estimation, to develop an MVP that can be used in the next phase of the project.

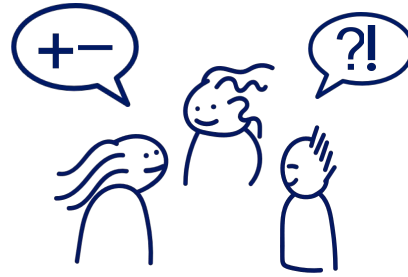


Next phase

- Secure **funding for next phase** of the development of the Roadmapper Tool.



Partners



- Department of Strategic Sustainable Development at Blekinge Institute of Technology
- Viable Cities
- Drive Sweden
- The Network "Climate-Smart Mobility 2030"
- Creathon AB
- Cierta AB

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