

PROJECT

SMP

The Sustainable Mobility Planner (SMP)

Funding: European (Horizon 2020)

Duration: Jan 2015 - Jul 2015

Status: Complete

Total project cost: €71,429

EU contribution: €50,000



Call for proposal: H2020-SMEINST-1-2014

[CORDIS RCN : 196168](#)

Objectives:

The Sustainable Mobility Planner (SMP) is a specialized innovative IT software (tool) that enables environmental, financial and social impact assessments of sustainable transport initiatives taken in an urban environment. The tool integrates methods and calculations of the benefits of creating environmental zones, using low emission vehicles for urban distribution, bundling of goods, night distribution, reducing road capacity, etc. In short, all schemes, which municipalities, individually or together with the transport and logistics industry and retailers, can implement in urban areas to optimize freight activities and increase focus on sustainable freight transportation initiatives. The SMP interconnects emission calculations and small scale traffic models with visual communication in one system tool. The tool's usefulness and ease of use is ensured through constant updates with the latest available data from NTU's portfolio of projects, as well as through user-based data inputs and feedback. The business model guarantees a continuous development and upgrading of the tool, which will be based on the latest available transport and environmental data. The reliability will, compared to existing tools, set new standards, by replacing estimates with concrete and updated data, which is added to the system via the backend solution.

SMP will:

- On a continuous basis be able to monitor progress, calculate environmental improvements and assess the potential and need for new investment in the urban transport initiatives.
- Give politicians and planners the opportunity to compare environmental impacts of different transportation alternatives.
- Be a useful decision support tools with high and multifaceted functionality for transport solutions and the associated political framework.

Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Lead Organisation:

Ntu International As

Address:

Rørdalsvej
9220 Aalborg
Denmark

EU Contribution: €50,000

Technologies:

Information systems

Sustainable urban mobility planning

Development phase: Research/Invention

STRIA Roadmaps: Smart mobility and services

Transport mode: Multimodal transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Deployment planning/Financing/Market roll-out

Geo-spatial type: Urban