

PROJECT

SmartWASTE

Smart logistics for WASTE and recycling operations in European cities

Funding: European (Horizon 2020)

Duration: Jun 2016 - May 2019

Status: Complete

Total project cost: €2,100,450

EU contribution: €1,470,315



Call for proposal: H2020-SMEINST-2-2016-2017

[CORDIS RCN : 204352](#)

Objectives:

The key problem in waste collection today is static routes and schedules: truck drivers are driving “blindly” from bin to bin and collecting containers that are either half empty or over filled. This adds up to a large amount of unnecessary costs, such as time spent, gas consumption and greenhouse gas emissions. Globally, over 400 million waste containers are being served by millions of trucks every day, and 50 % of the value in the market is in the logistics. Enevo is a growing Finnish technology company that aims to capitalise on this 12-billion-euro business opportunity and become the #1 supply chain platform company for waste and recycling operations worldwide.

As waste management plays a central role in the circular economy, Enevo is a key player in developing more efficient waste collection and management systems. Enevo helps its customers make their waste and recycling operations more efficient, leading to a more sustainable world. Enevo’s vision is to turn all waste in the world into a valued resource.

SmartWASTE project is addressing two significant EU-wide challenges:

1. optimising transport operations and tackling the environmental and logistical challenges that the European transport sector is facing
2. waste management in the circular economy context.

The objective of SmartWASTE proposal is to scale-up and expand the service into new European regions by piloting the solution with potential customers in 10 large scale pilots. Through piloting, Enevo gains important feedback that is provided back to product development to improve Enevo’s offering and operations to be better suited for large scale regional expansion.

The proposal’s activities aim at creating a solid foundation for Enevo’s successful business in European market and accelerate its expansion globally. Enevo is targeting, by 2021, to generate a revenue of 916 M€ and employ 1 500 people globally of which 1 000 will be in Europe.

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:

Enevo Oy

Address:

LINNOITUSTIE 6
02600 ESPOO

Finland

EU Contribution: €1,470,315

Technologies:

Road and traffic management systems
Municipal waste collection management

Development phase: Demonstration/prototyping/Pilot Production

STRIA Roadmaps: Network and traffic management systems, Smart mobility and services

Transport mode: Road transport

Transport sectors: Freight transport

Transport policies: Societal/Economic issues

Geo-spatial type: Other