






URL <https://smartemission.ruhosting.nl/>

Quick facts

-  Company: Smart Emission
-  Sector: Environment
-  Product / service: Website
-  Type of data: Geo data
-  Origin: The Netherlands



Description

Smart Emission project is a research project executed by a consortium of Dutch knowledge institutes, government, (ICT- and sensor) companies together with citizens in the city of Nijmegen. The goal of this project is to monitor, visualise and communicate a real-time, fine grained “environmental footprint” of the city. For that reason, a set of outdoor sensors and a related Open Geo Data infrastructure were developed. Also, a participatory process is organised to collaborate with citizens and professionals with the shared purpose of “collective sense-making”.

Benefits

The future vision is to combine bottom-up and top-down communication and governance for the purpose of increasing urban health.



How open data is used

An Open Geo Data infrastructure is developed to store data of the sensors measuring effects of the city environment on the public health. The data models and dataflow are standardised according to Inspire and OGC standards.

