



Giovanni Antoniazzi

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Profiel

Data Scientist

Giovanni is a sustainable mobility advocate with a background in urban mobility and computer science. He specializes in creating innovative tools for emission tracking, regulatory compliance, and Mobility as a Service (MaaS) solutions. Giovanni has extensive experience in manipulating geospatial datasets, with a particular focus on open data solutions and data-driven decision-making. His work spans the development of decision support tools, data collection and management, and the integration and visualization of data across various platforms, all aimed at delivering impactful urban solutions that enhance the quality of urban spaces with a user-centric approach, focusing on sustainability and efficiency.

Selection of recent projects - Studio Bereikbaar (2024 - present)

- + **Data Infrastructure Optimization – Studio Bereikbaar.** The project focuses on streamlining and enhancing the company's data structure to support future urban mobility analysis. The aim is to map and integrate geospatial datasets and automate the data updating processes. This will create a scalable and efficient system to manage large-scale geospatial data, improving the overall workflow and enabling the exploration of new urban mobility strategies.

Other projects

- + **Reporting CO2 Emissions from Commuting - JOYN Mobility/KTH.** Developed a tool to track and report CO2 emissions from commuting, validating compliance with Dutch and EU emission reporting regulations. Utilized open geo-datasets and generated synthetic data to simulate real-world commuting patterns, while also assessing compliance with WPM regulation.
- + **Public Parking Management Decision Support Tool - FBK Smart Community Lab.** Engaged in a project focused on providing local municipalities with data insights for public parking management. Utilized data flow manipulation, APIs, and data visualization tools to analyze parking data. This work led to the development of a decision support tool designed to improve urban mobility decision making and enhance the efficiency and effectiveness of public parking management.

Selection of education, courses and side activities

- + **MSc Sustainable Urban Mobility Transition, EIT Urban Mobility (2022-2024).**
- + Double degree, UPC Barcelona & KTH Stockholm.
- + Minor in Innovation & Entrepreneurship.
- + **BSc Computer Science, University of Trento (2017 - 2021).**
- + Erasmus+ Sofia University - Minor in Economics (2019).