



Addressing gender-specific needs in current and future transport systems

DIAMOND project analyses and converts data into knowledge with notions of impartiality to move towards a more inclusive and efficient transportation system from a gendered perspective.

The project makes use of data mining and analytics, together with the use of elicitation techniques, to identify and evaluate specific measures to achieve fair gender inclusiveness in different scenarios and promote female employment in the sector.

“ We envision **DIAMOND** becoming the platform of reference for transport planners, researchers and for the broader public, feeding the datasets and updating guidelines continuously, towards a universalization of the analysis outcomes. ”

DIAMOND

Revealing fair and actionable knowledge from data to support women's inclusion in transport systems

DIAMOND

Revealing fair and actionable knowledge from data to support women's inclusion in transport systems

A European reference tool for obtaining knowledge, recommendations and support to address gender-specific needs in Europe's current and future transport systems.

www.diamond-project.eu
[@DIAMOND_H2020](https://twitter.com/DIAMOND_H2020)
info@diamond-project.eu



The project has received funding from the EU's Horizon 2020 programme. Grant N° 824326.





Railways and public multimodal transport

Research study on stations safety, accessibility and comfort from a gender perspective. Validation of the self-diagnose and DSS tool for infrastructure and transport service planning.



Automated vehicles

Analysis of the comfort and safety of automated vehicles to adapt the design and functionality of electronic stability controllers (ESC) to gender through algorithms and machine learning.



Vehicle sharing

Evidence of needs and requirements in the planning of vehicle sharing services addressing gender. Validation and diagnosis of DIAMOND's Decision Support System for vehicles points and fleet distribution and location planning.



Corporate Social Responsibility (CSR) and employment

Research on women's participation in the transport and logistics sectors crossed with concrete job positions and new opportunities to translate this understanding into concrete better gender-oriented job descriptions and use of adapted candidate search processes.

01

Research beyond the state-of-the-art

Holistic research on women in transport

Analysis in areas of transport going beyond current studies with results based on real data analyses.

02

Methods for gender analysis

Development of multi-level models to explain the travel behaviour of different women sub-groups.

03

Fairness applied to women in transport analysis

Data analysis algorithms that incorporate parameters, weights and constraints avoiding gender bias.

04

Novel self-diagnosis and DSS tools

A self-diagnosis toolbox and decision support system (DSS) able to detect weaknesses in a specific transport mode.



Consortium



PUBLIC TRANSPORT AUTHORITY OF WARSAW

Systematica

