



# TRansport Innovation for vulnerable-to-exclusion People needs Satisfaction

## Résultats

### Informations projet

#### TRIPS

N° de convention de subvention: 875588

[Site Web du projet](#)

#### DOI

[10.3030/875588](https://doi.org/10.3030/875588)

Projet clôturé

#### Date de signature de la CE

11 Decembre 2019

#### Date de début

1 Février 2020

#### Date de fin

31 Janvier 2023

#### Financé au titre de

SOCIETAL CHALLENGES - Smart, Green And Integrated Transport

#### Coût total

€ 2 831 175,00

#### Contribution de l'UE

€ 2 831 175,00

#### Coordonné par

TECHNISCHE UNIVERSITEIT  
EINDHOVEN



Pays-Bas

## Ce projet apparaît dans...



29 Septembre 2023



CORDIS fournit des liens vers les livrables publics et les publications des projets HORIZON.

Les liens vers les livrables et les publications des projets du 7e PC, ainsi que les liens vers certains types de résultats spécifiques tels que les jeux de données et les logiciels, sont récupérés dynamiquement sur [OpenAIRE](#) .

## Livrables

### Documents, rapports (29)

#### [Project Handbook \(3rd version\)](#)

This deliverable contains all the necessary information to support management of the project with highlights on the procedures covering the online collaboration for effective cooperation project deliverables production process ensuring quality how to storereview monthly reporting of effort and progress and the mechanisms for working effectively on the project It will also contain the quality assurance risk and data management plan The handbook will be maintained by the DC Amendments to the handbook if necessary will be ratified by the PB The Project Handbook will contain a detailed project plan and a GANTT chart of the project This deliverable is related to Task 11 Task 12 Task 13 and Task 15

#### [White paper on requirements for future mobility systems](#)

The paper contains a distillation of the findings and is aimed for the transport disability group of the EU Parliament and other transport and disability policy makers in Member States This deliverable is related to Task 24

#### [Report on Mobility Services Trends Impacts and Related Policies](#)

A report on the findings of a desktop research concerning 10 new mobility services across Europe focusing on service and operational concepts from a disabled users perspective highlighting disabilityrelated gaps The report includes

indications about existing relevant service standards and a provision of examples of good practice where these already exist This deliverable is related to Task 31

[Stakeholder engagement Handbook \(3rd version\)](#) 

A deliverable describing how the consortium intends to effectively engage with stakeholders Updates of the Handbook will incorporate achievements This deliverable is related to Task 82 and 84

[Handbook for dissemination activities \(3rd version\)](#) 

A report of TRIPS dissemination approach including stakeholder typology objectives and KPIs and tracking of actual activities against targets throughout the project This deliverable is related to Task 81

[Handbook for dissemination activities \(1st version\)](#) 

A report of TRIPS dissemination approach including stakeholder typology objectives and KPIs and tracking of actual activities against targets throughout the project This deliverable is related to Task 81

[Method Framing Document. Internal draft delivery](#) 

This deliverable documents the User Ethics and Consent Data Management User Involvement Strategies Evaluation Methods and Theoretical Considerations This deliverable is related to Task 51

[Quantitative survey report \(1st version\)](#) 

This report presents users mobility needs and challenges and initial attitudes towards future transport trends including their challenges and usage barriers especially when transport is interrupted eg due to extreme weather conditions The first version M35 will capture only disabled users views while the final report will synthesise data from disabled and other vulnerable to exclusion communities and will be included as part of sectionchapter in D71 This deliverable is related to Task 23

[Methodological framework document \(1st version\)](#) 

This deliverable forms the first version of the methodology document It is based on the first iteration of the method developed with a group of disabled users from across partners and locations The following versions are updated following key stages of its development such as the local training session in the pilot cities M16 learning from the experience of making use of the method in mixed groups of transport stakeholders in each location M34 and synthesising lessons learned general principles evaluation data and application guidelines M35 In the final version the method is validated and all experiences are collected to form a document outlining lessons learned general principles evaluation data and application guidelines This deliverable is related to Task 52 Task 53 Task 54 and Task 55

#### [MDI - Mobility Divide Index](#)

An innovative methodology to assess the accessibility level of a public transport system for the different categories of disabled and vulnerable users This deliverable is related to Task 41

#### [User evaluations and Design Concepts](#)

User evaluations of mobility solutions and linked services like the remote assistance center and of design concepts developed during the workshops are captured in D42 and visualised on interactive heat map on the project website This deliverable is related to Task 42

#### [Stakeholder engagement Handbook \(2nd version\)](#)

A deliverable describing how the consortium intends to effectively engage with stakeholders Updates of the Handbook will incorporate achievements This deliverable is related to Task 82 and 84

#### [Business case reports](#)

The report is a compilation of the business case as approved and signed off by Lead coordinators and key stakeholders in pilot cities This deliverable is related to Task 63

#### [Stakeholder engagement Handbook \(1st version\)](#)

A deliverable describing how the consortium intends to effectively engage with stakeholders Updates of the Handbook will incorporate achievements This deliverable is related to Task 82 and 84

#### [Quantitative survey report \(2nd version\)](#)

This report presents users mobility needs and challenges and initial attitudes towards future transport trends including their challenges and usage barriers especially when transport is interrupted eg due to extreme weather conditions The first version M35 will capture only disabled users views while the final report will synthesise data from disabled and other vulnerable to exclusion communities and will be included as part of sectionchapter in D71 This deliverable is related to Task 23

#### [Scientific publication of the MDI methodology](#)

TB will use the outcomes of the city pilot tests to assess the accuracy and the transferability of the Mobility Divide Index in order to produce a publication for the implementation of the methodology A book will be edited dealing with the description of the method for the measurement of the accessibility of public transport systems designed in WP4 a report of the test implementation during the demonstrations WP6 and a practical guideline for its adoption The publication will be also presented to the addressed public policy makers and transport planners in WP8 This deliverable is related to Task 41

#### [Report on Accessibility standards and legislation](#)

The report will cover the state of the art of legislation especially if referring to standards existing standards and ongoing standardisation activities as well as of pertinent preferably standardsbased certification schemes The analysis will also cover legal issues eg copyright with regard to nonlinguistic forms of communication content This deliverable is related to Task 33

#### [Exploitation strategy](#)

A comprehensive deliverable reporting on the exploitation strategies of the partners and of the entire consortium against the framework of a European model for upscaling and transfer of good practice in making mobility services majorly inclusive This deliverable is related to Task 83

#### [Prototypes of inclusive mobility solutions and validation](#)

The report describes the brief for the development of the prototype presents the process and the resulting prototype and the results of their validations This deliverable is related to Task61 and Task 62

#### [Report on Digital Technology Trends Impacts and Related Policies](#)

Report on 10 of the most promising ICT trends and emerging digital technologies with disrupting potential within the field of transport such as automation and remote control These future technologies are assessed for disabilityrelated gaps relating to mobility This deliverable is related to Task 32

#### [Project Handbook \(2nd version\)](#)

This deliverable contains all the necessary information to support management of the project with highlights on the procedures covering the online collaboration for effective cooperation project deliverables production process ensuring quality how to storereview monthly reporting of effort and progress and the mechanisms for working effectively on the project It will also contain the quality assurance risk and data management plan The handbook will be maintained by the DC Amendments to the handbook if necessary will be ratified by the PB The Project Handbook will contain a detailed project plan and a GANTT chart of the project This deliverable is related to Task 11 Task 12 Task 13 and Task 15

#### [Report on Assistive Technologies Trends Impacts and Related Policies](#)

Report on 10 current and emerging trends in accessible and assistive technologies their current and potential impact on people with disabilities and mobility and a review of policy initiatives and needs to support effective implementation and integration with transport systems This deliverable is related to Task 34

#### [A Co-design-for-All MOOC module](#)



As a final step of WP5 the experiences gathered through the various iterations of D52 are condensed and turned into the teaching material of a MOOC for educating designers disabled users and domain experts This deliverable is related to Task 56

#### [A Prioritised List of Potential Inclusive Mobility Solutions and barriers to adoption](#)

A report presenting a ranked list of mobility solutions based on the desirability according to user requirements and their feasibility according to institutional and policy barriers This deliverable is related to Task 44

#### [Project Handbook \(1st version\)](#)

This deliverable contains all the necessary information to support management of the project with highlights on the procedures covering the online collaboration for effective cooperation project deliverables production process ensuring quality how to storereview monthly reporting of effort and progress and the mechanisms for working effectively on the project It will also contain the quality assurance risk and data management plan The handbook will be maintained by the DC Amendments to the handbook if necessary will be ratified by the PB The Project Handbook will contain a detailed project plan and a GANTT chart of the project This deliverable is related to Task 11 Task 12 Task 13 and Task 15

#### [Industry Roadmap and policy recommendations](#)

This report will collect the outcomes from T71 T72 and T73 in one document The document describes the industry and policy recommendations for overcoming institutional challenges to adopting citizendriven mobility innovations It also outlines the steps that may lead to further development research priorities and adoption of inclusive digital mobility innovations for all categories of public with a special attention to the vulnerable ones

#### [Methodological framework document \(2nd version\)](#)

This deliverable forms the first version of the methodology document It is based on the first iteration of the method developed with a group of disabled users from across partners and locations The following versions are updated following key stages of its development such as the local training session in the pilot cities M16 learning from the experience of making use of the method in mixed groups of transport stakeholders in each location M34 and synthesising lessons learned general principles evaluation data and application guidelines M35 In the final version the method is validated and all experiences are collected to form a document outlining lessons learned general principles evaluation data and application guidelines This deliverable is related to Task 52 Task 53 Task 54 and Task 55

#### [Qualitative Insights report](#)

This report synthesises insights gained from researcher observations and indepth interviews with disabled people about their journeys and mobility needs challenges and attitudes toward mobility solutions and criteria for travel as well as their approaches to transport service interruption eg due to extreme weather conditions This deliverable is related to Task 22

[Handbook for dissemination activities \(2nd version\)](#) 

A report of TRIPS dissemination approach including stakeholder typology objectives and KPIs and tracking of actual activities against targets throughout the project This deliverable is related to Task 81

## Open Research Data Pilot (2)

[Data Management Plan \(2nd version\)](#) 

The Data Management Plan will deliver the data management issues which are relevant for the TRIPS project and will additionally ensure continuous monitoring The data management plan will be updated throughout the project

[Data Management Plan \(1st version\)](#) 

The Data Management Plan will deliver the data management issues which are relevant for the TRIPS project and will additionally ensure continuous monitoring The data management plan will be updated throughout the project

## Sites Web, dépôts de brevet, vidéos, etc. (1)

[Project website](#) 

TRIPS project website will be officially launched on the start day of the project The website will provide detailed information about the project objectives and activities The website will have two sections public and private The public part will be open to the general public and will be viewable by anyone with access to Internet The private part will be regularly updated to provide latest project activities and overall progress and will be accessible only to consortium members The website will be maintained by the PC This deliverable is related to Task 11

## Publications

## Thèses (1)

Beschreibung von Barrieren für mobilitätseingeschränkte Personen bei der Nutzung des öffentlichen Verkehrs anhand einer Inhaltsanalyse auf Basis sozialer Medien

**Auteurs:** Sarah Harms

**Publié dans:** 2020

**Éditeur:** Georg-August-Universität Göttingen

## Chapitres d'ouvrage (1)

[Implementation and Innovation in the Area of Independent Mobility Through Digital Technologies - Introduction to the Special Thematic Session](#) 

**Auteurs:** David Banes, Riccardo Magni, Florian Brinkmann

**Publié dans:** Computers Helping People with Special Needs - 17th International Conference, ICCHP 2020, Lecco, Italy, September 9–11, 2020, Proceedings, Part II, Numéro 12377, 2020, Page(s) 277-285, ISBN 978-3-030-58804-5

**Éditeur:** Springer International Publishing

**DOI:** 10.1007/978-3-030-58805-2\_33

## Actes de conférence (1)

Co-production of knowledge for designing inclusive digital mobility solutions – the methodological approach and process of the TRIPS project.

**Auteurs:** Alexandra König, Laura Alčiauskaitė, Frank Sioen, Tally Hatzakis, Kristina Andersen

**Publié dans:** ICCHPOpen Access Compendium Future Perspectives of AT, eAccessibility and eInclusion, 2020, Page(s) 179-188, ISBN 978-3-9504630-2-6

**Éditeur:** Johannes Kepler Universität Linz

## Articles approuvés par les pairs (1)

A participatory qualitative analysis of barriers of public transport by persons with disabilities from seven european cities


**Auteurs:** König, Alexandra Anne Seiler Laura Alčiauskaitė Hatzakis, Tally


**Publié dans:** Journal of Accessibility and Design for All, 2021, ISSN 2013-7087


**Éditeur:** Universitat Politècnica de Catalunya




# Ensemble de données


Ensemble de données via OpenAIRE (2) 

[Research material TRIPS](#)   
**Auteurs:** Alexandra König  
**Publié dans:** Zenodo

[Development of the multi-dimensional Mobility Divide Index as a methodology to assess the accessibility level of public transport systems](#)   
**Auteurs:** Leonardo Benzi  
**Publié dans:** Zenodo

## Autres produits de recherche

Autres produits de recherche via OpenAire (1) 

[Implementation and Innovation in the Area of Independent Mobility Through Digital Technologies](#)   
**Auteurs:** Banes, David; Magni, Riccardo; Brinkmann, Florian

**Dernière mise à jour:** 2 Avril 2024

**Permalink:** <https://cordis.europa.eu/project/id/875588/results/fr>

European Union, 2025

