



COST ACTION CA16222

WISE-ACT

Wider Impacts and Scenario Evaluation of
Autonomous and Connected Transport

 **cost**
EUROPEAN COOPERATION
IN SCIENCE & TECHNOLOGY

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WG4 – Thematic Report : Transport Demand & User Challenges

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Final event, 29/03/2022

• **WG4 Activities**

- *Organization of conference, special sessions, presentations*
 - *Design and conducting EU-wide survey on user preferences*
 - *Journal Special Issue*
 - *Publication of articles in journals, reports, newsletters*
 - *Lectures in different universities*
 - *Proposal writing*
 - *Participation in relevant projects*
 - *Training school for early career investigators*
 - *Short Term Scientific Mission (STSM)*
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- **WG leader:** Dr. Ghadir Pourhashem, University of Žilina
 - **WG co-leader:** Prof. Yoram Shiftan, Technion University

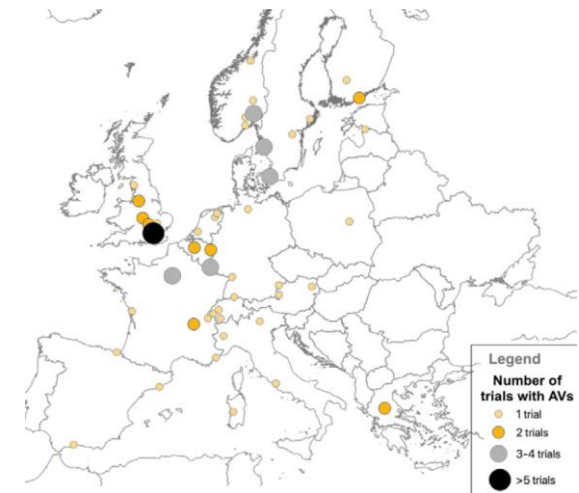
• WG4 Thematic Report

Aim: to understand the potential impact of ACT on user mobility through

- *reviewing relevant academic literature,*
 - *conducting a meta-analysis of stated-preference surveys,*
 - *conducting a cross-country comparison based on WISE-ACT survey findings and assessment of AV trials*
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- **MoU Task 9** – *Identify the key economic, social, demographic, behavioural and cultural factors and barriers that determine a positive attitude of users towards AVs introduction.*
 - **MoU Task 10** – *Analyse the behaviour of AV end users by comparing their preferences and choices based on hypothetical mobility options through existing Stated- Preference experiments.*
 - **MoU Task 11** – *Propose a taxonomy of potential sites for deployment of AVs while taking into account the geographical, social, economic, environmental and transport characteristics of the areas under study.*

)) WG4 Thematic Report

- *Several empirical studies have been identified offering insights into the demand side of AVs, and more precisely into the acceptance of AVs*
- **Identifying factors influencing attitudes towards AV use (Chapter 3)**
- **Comparing user preferences about AVs based on stated preference surveys (Chapter 4)**
- **AV trials overview and a proposed taxonomy (Chapter 5)**
- **Policy Recommendations and Future Research (Chapter 6)**



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Transport Demand & User Challenges of ACT

WG4: Thematic Report



Thank you!

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