COST ACTION CA16222

WISE-ACT

Wider Impacts and Scenario Evaluation of Autonomous and Connected Transport

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Funded by the Horizon 2020 Framework Programme of the European Union

What steps can we take locally to address climate change and protect the environment?

Dr Nikolas Thomopoulos

Associate Professor in Transport

Surrey Business School

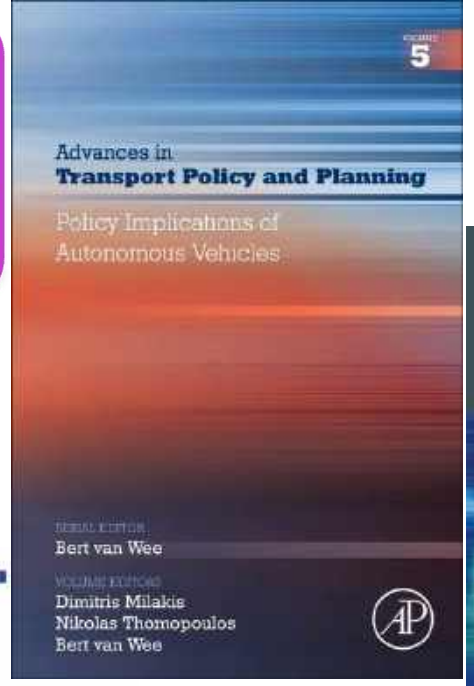
University of Surrey

5th July 2025

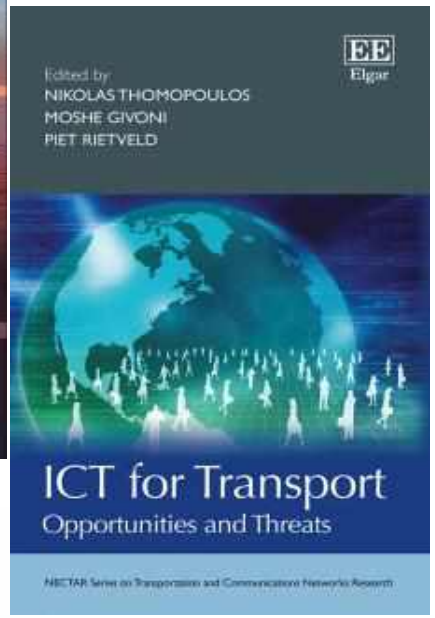
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WISE-ACT overview





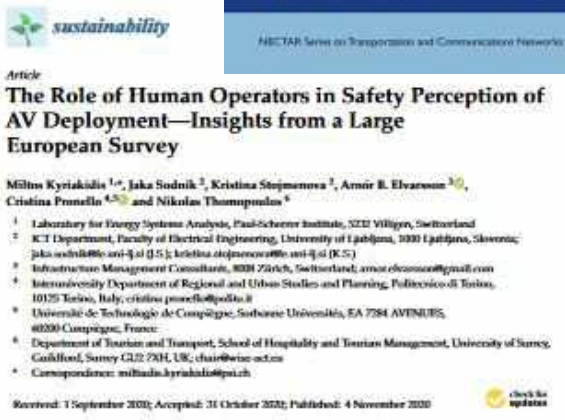
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- WG1 Institutional
- WG2 Social
- WG3 Business
- WG4 Transport

WG5 Scenarios Evaluation





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Citizen survey

- +20 countries
- Respondents of all ages
- Users of all transport modes
- User preferences
- Future transport planning



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AV main impact

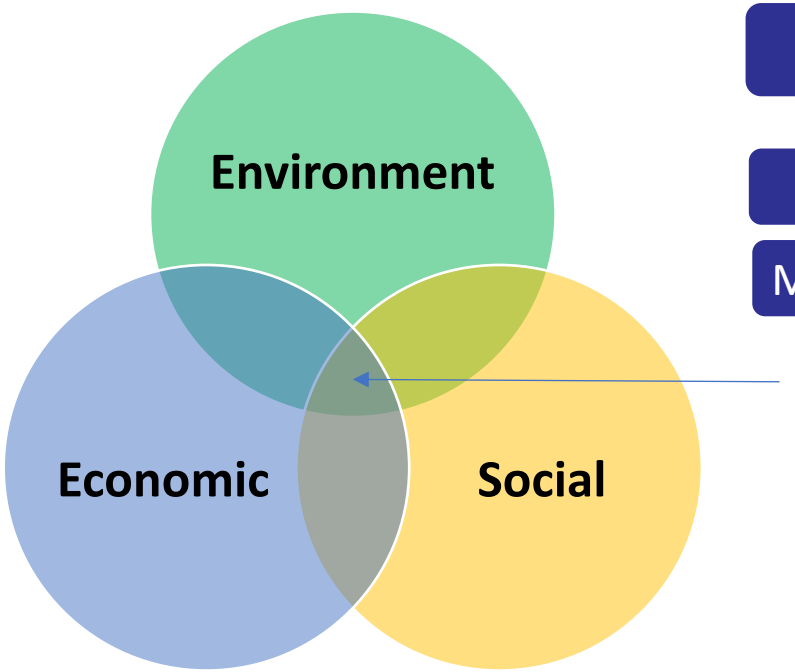
User expectations of Autonomous and Automated Vehicles:

Accident reduction

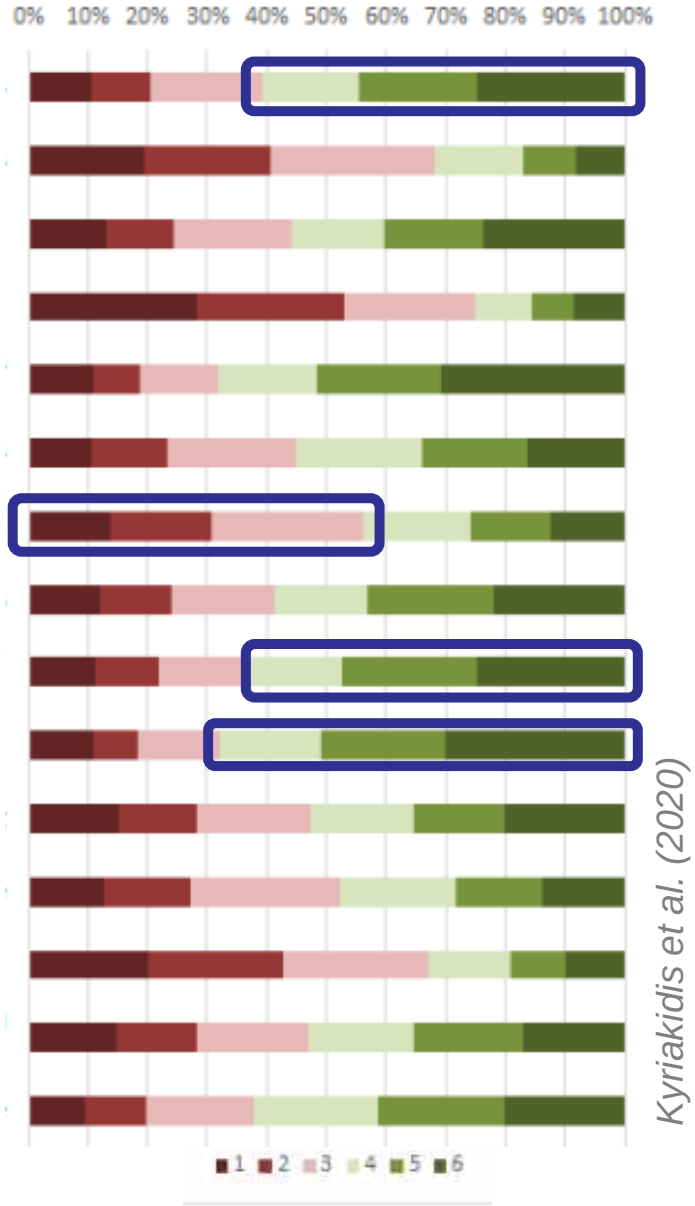
Personal data risks

Job losses

Mobility for everyone



SUSTAINABILITY

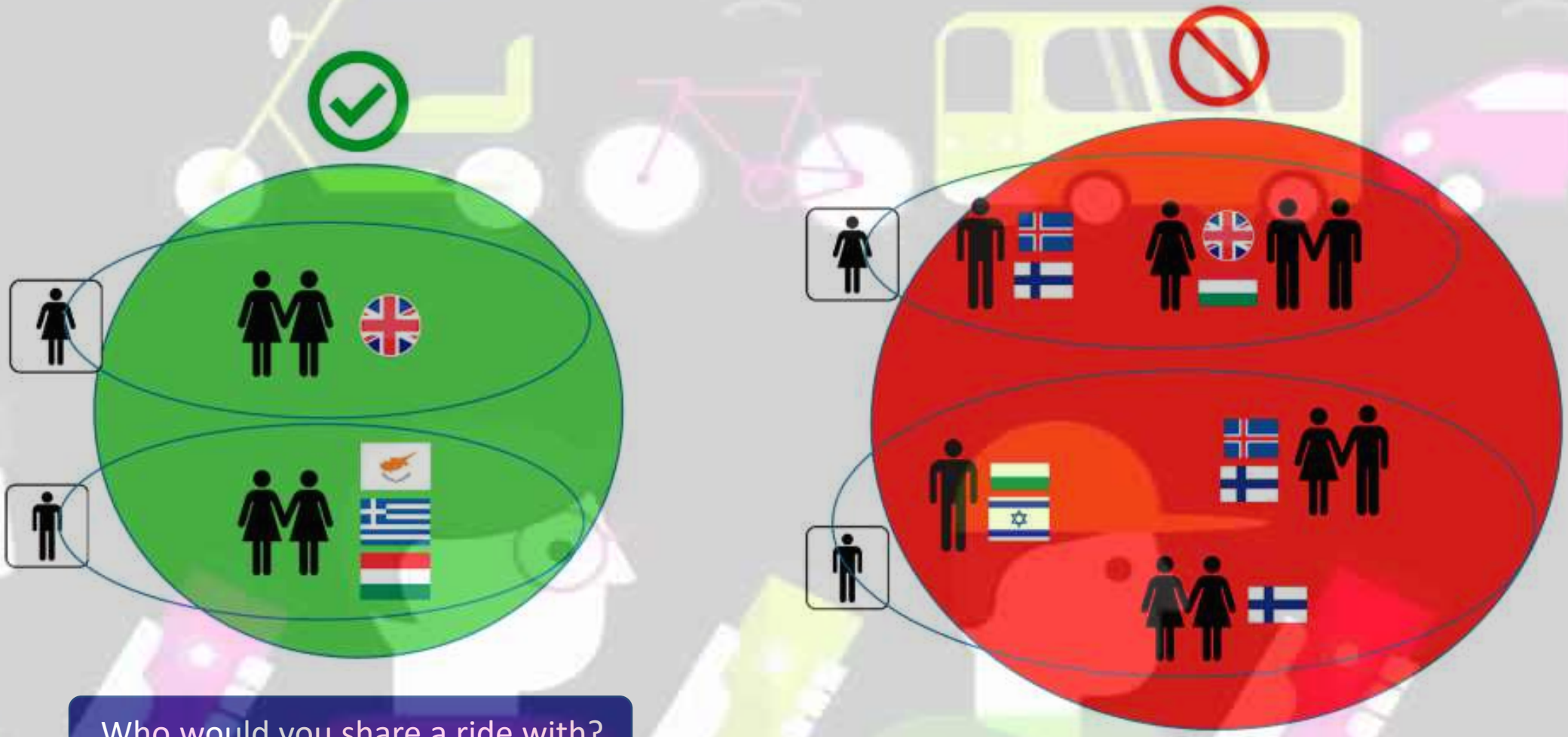


Kyriakidis et al. (2020)

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Ride-sharing



Who would you share a ride with?

Polydoropoulou et al. (2020)

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Shape your own view…

- Ride-sharing
- Employment
- Mobility for everyone
- Personal Data & Privacy
- Last mile deliveries
- Infrastructure & Public space



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Ridesharing







Paris







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Employment



Spain





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Mobility for everyone









United States

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Personal Data & Privacy



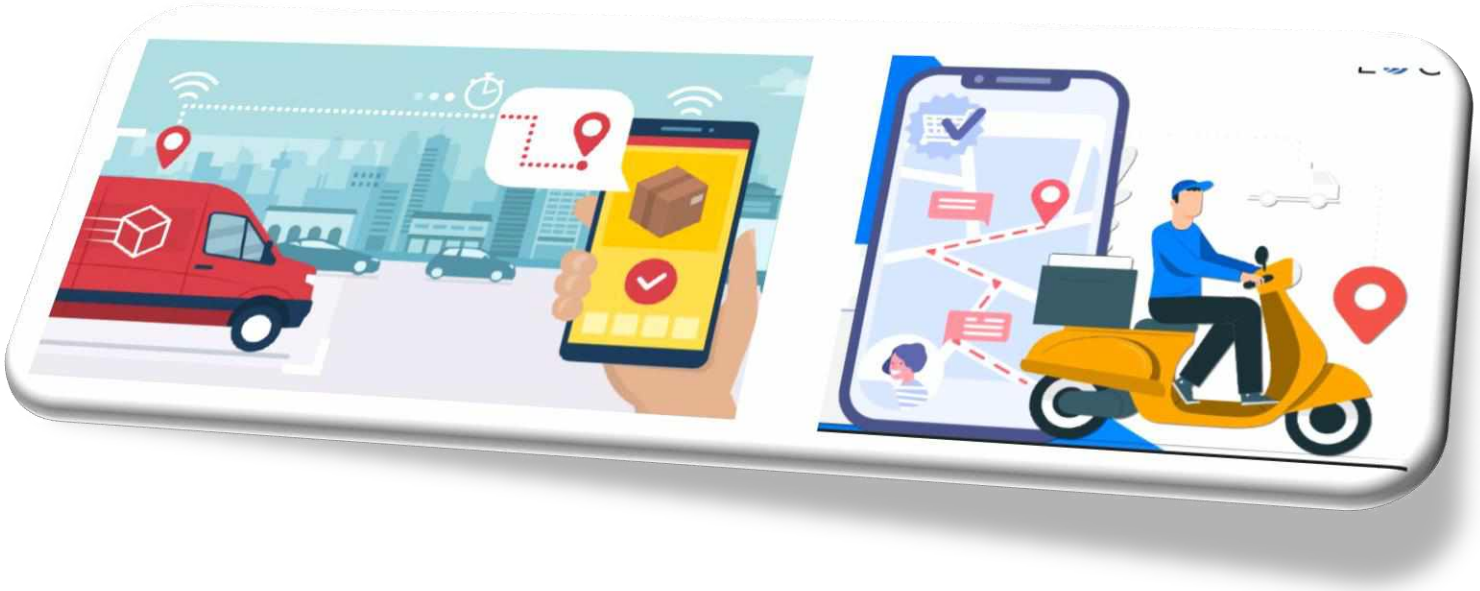


Japan

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Last mile deliveries





Hampshire

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Infrastructure & Public space



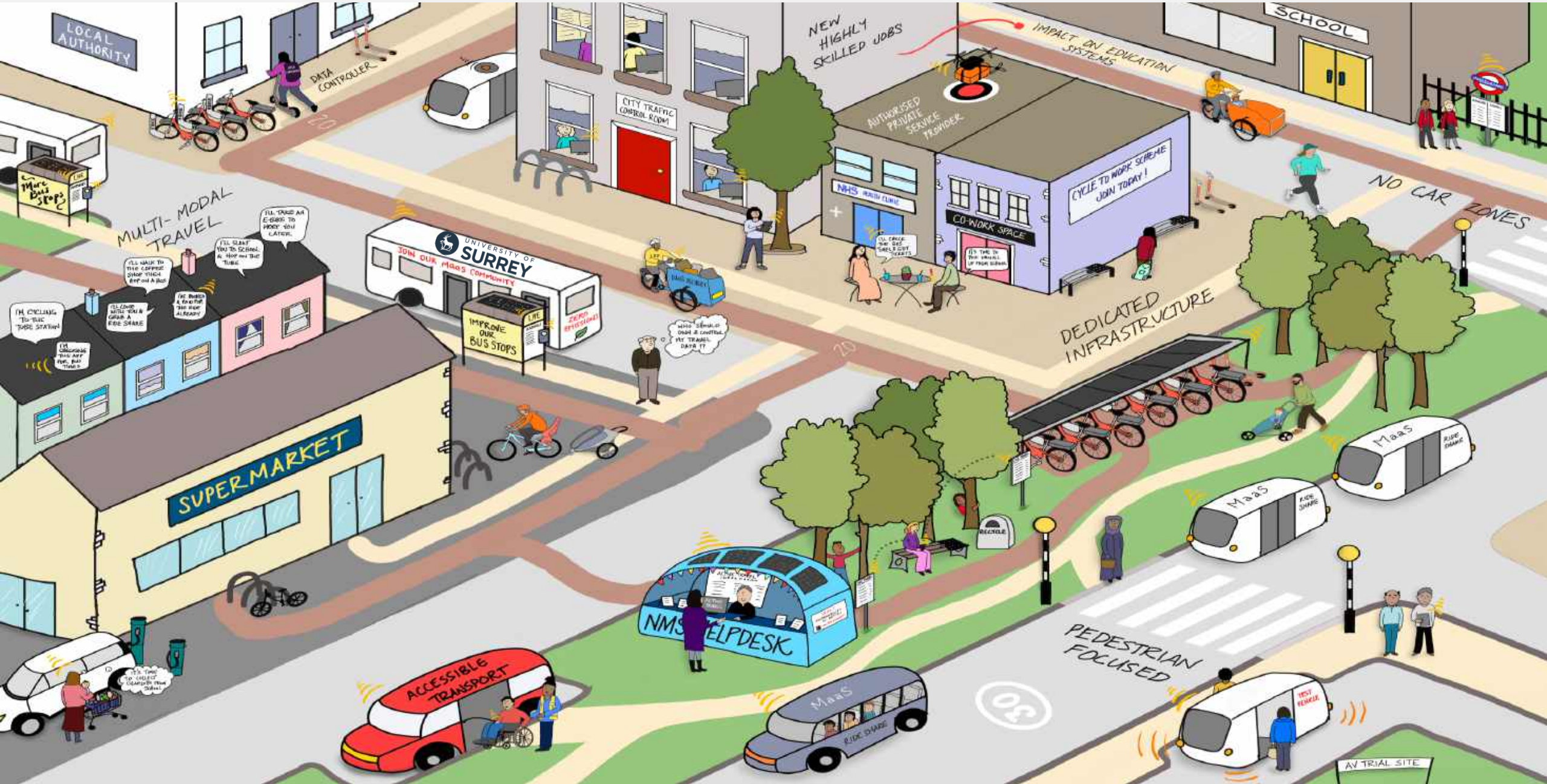


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UNIVERSITY OF SURREY

Thank you for your time!

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