





This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101022317.

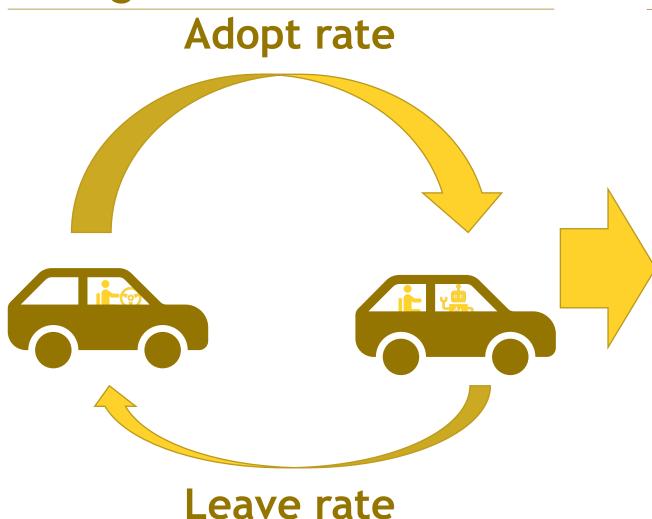
Stakeholder engagement level modellisation with pLAtYpus

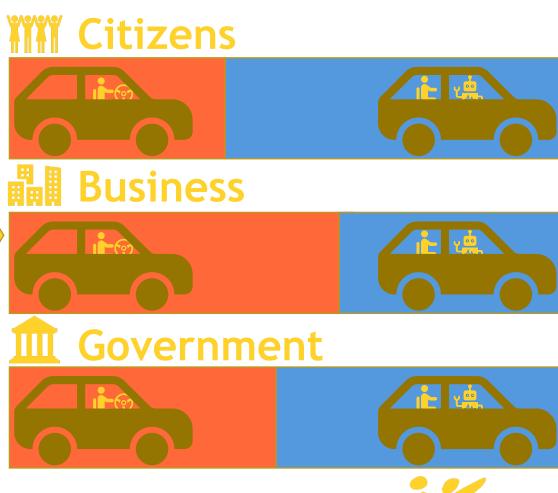
20th of October, 2021, 09.55 CET Omar Usmani, Carlos Montalvo Closing event in Bologna



We want to compute engagement levels from change rates

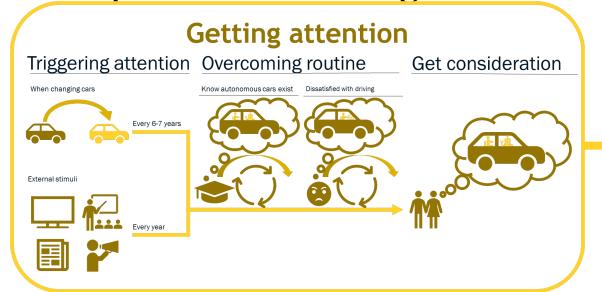
Change rates

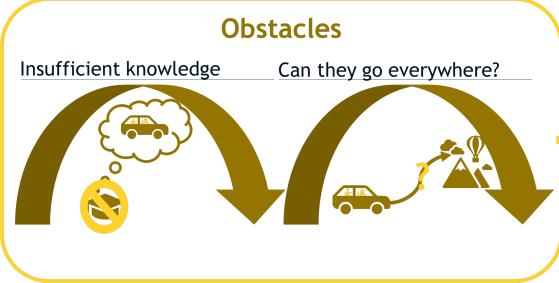


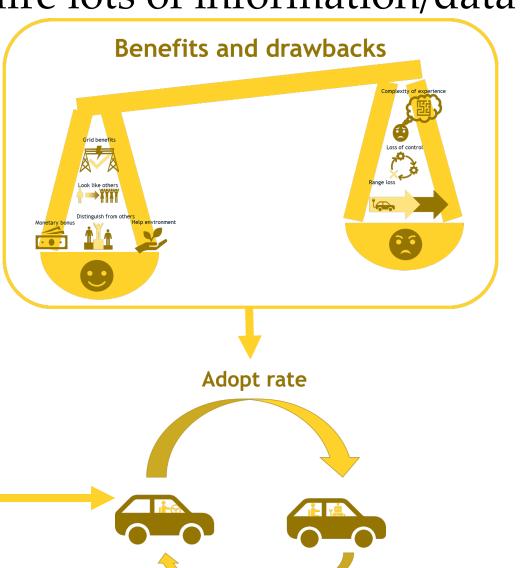


Engagement levels

Complication: Change rates require lots of information/data

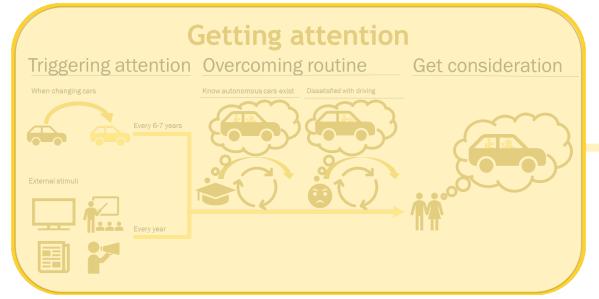




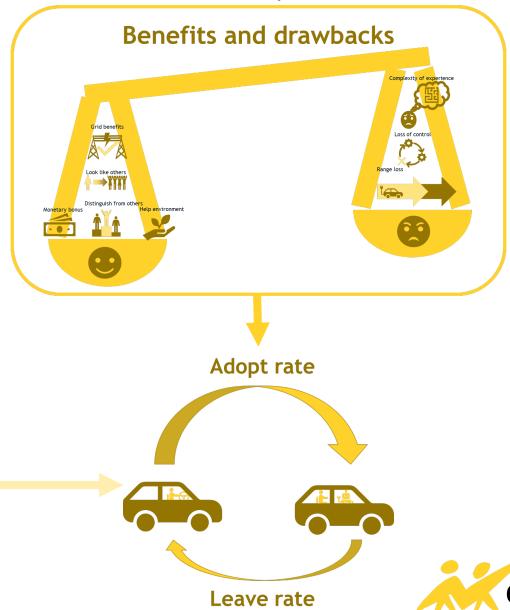




Due to limited available data, focus on benefits/drawbacks







The survey analysis provides us with the data we need

Survey

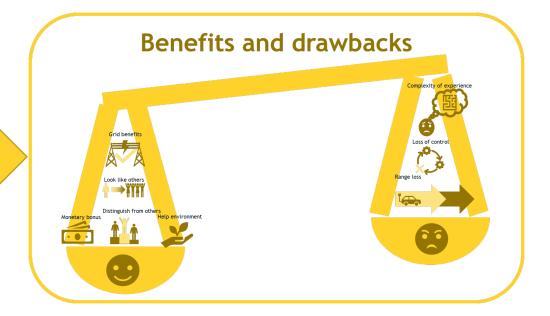


Category groupings

- Environmental outcomes
 - Emotion
- Relational model match
 - Personal benefits
 - Agency to engage
 - Social norm

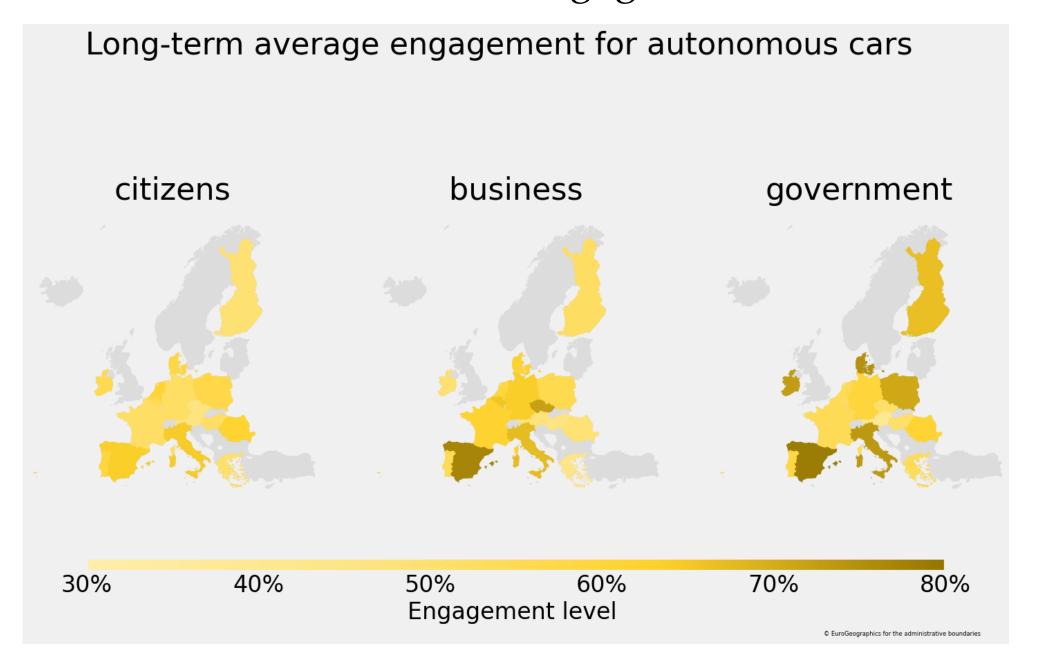
Importance/weight

- Linear regression analysis
- For each stakeholder
- At European level, due to lack of data
- Give relative importance of each grouping



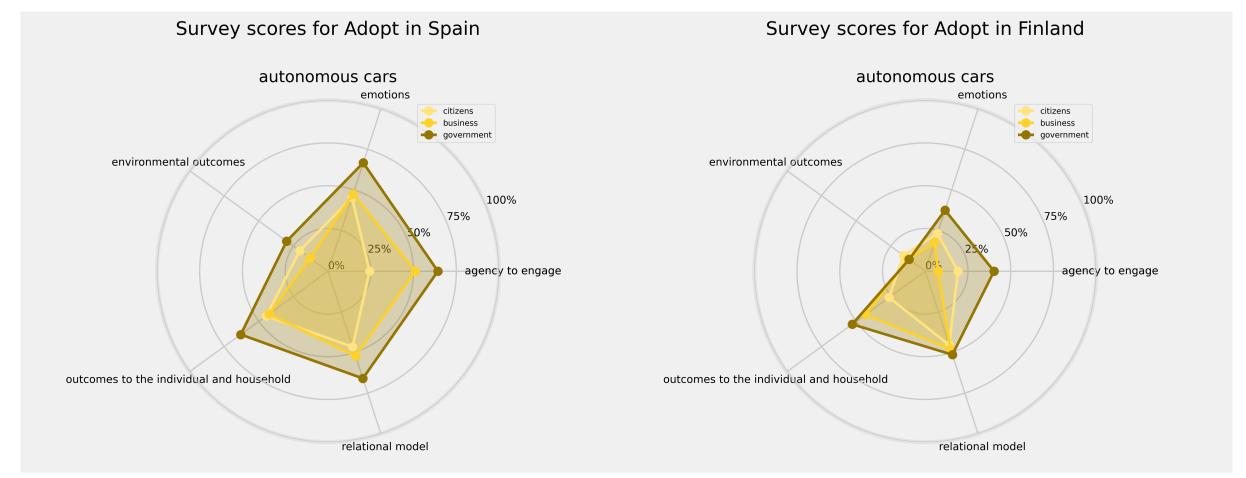


We can show stakeholder engagement levels across countries





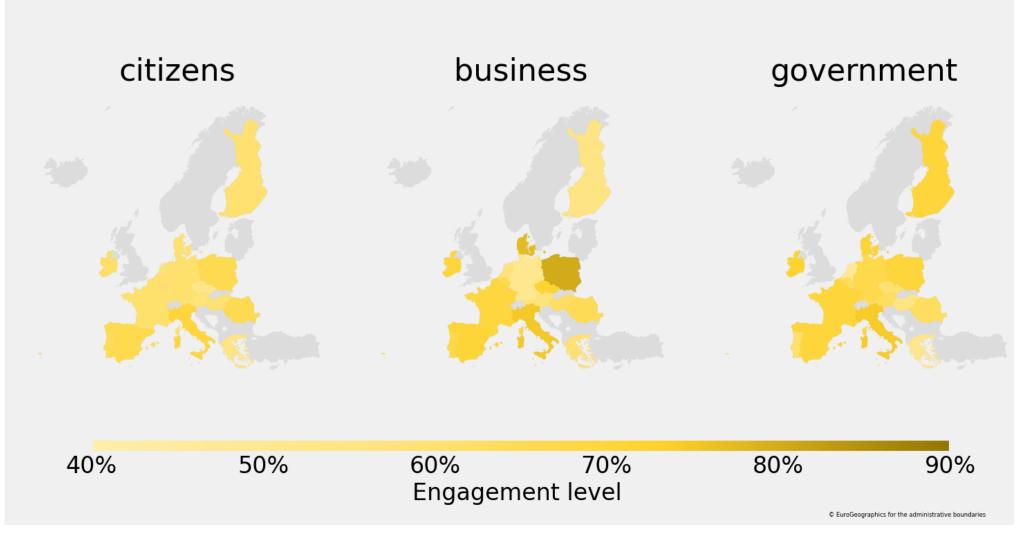
We can trace back differences to survey scores





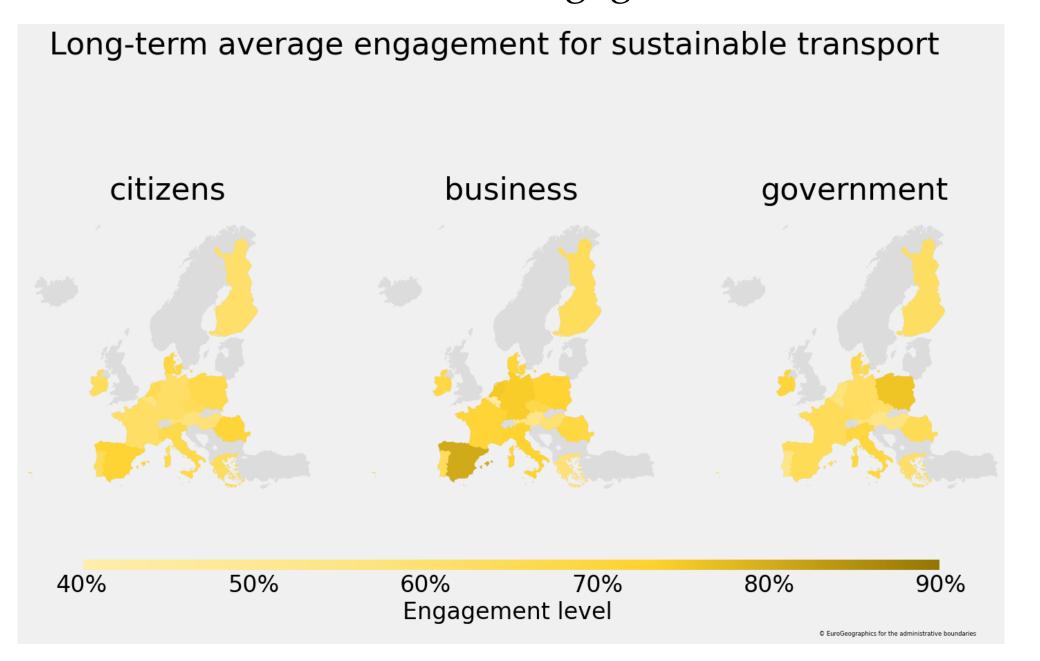
We can show stakeholder engagement levels across countries

Long-term average engagement for cooperative self generation





We can show stakeholder engagement levels across countries





In collaboration with









Thank you!

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https://github.com/TNO/pLAtYpus

https://pypi.org/project/pLAtYpus_TNO/





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