



CoEXist

CoEXist Automation-ready framework break-out session

Brussels, Belgium, 10.10.2017

Bernard Gyergyay – Rupprecht Consult



#H2020CoEXist

@H2020_CoEXist



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 723201-2

CoEXist in brief

- **Objective:**

- The mission of the H2020 CoEXist project is to systematically increase the capacity of road authorities and other urban mobility stakeholders to get ready for the transition towards a shared road network with increasing levels of connected and automated vehicles (CAVs)

- **Automation-Ready:**

- Micro- and Macroscopic Transport Modelling
- Hybrid Road Infrastructure

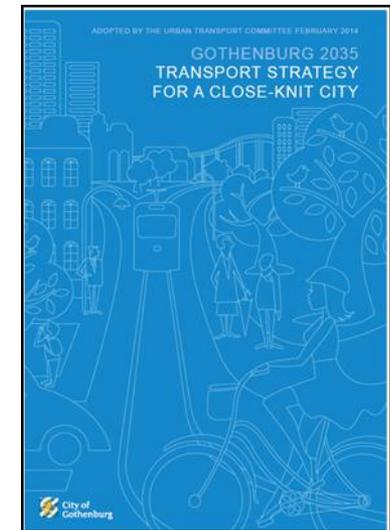


- Road Authorities



Aim of the workshop

- Hypothesis: Strategic Transport Planning (i.e. SUMP) documents are not automation-ready
- 1st Exercise: Definition
- 2nd Exercise: Vision / Mobility goals
- 3rd Exercise: Measures
- Output: Automation-ready framework



Break-out Agenda

	Item	Responsible
13:15 – 13:30	Welcome & Introductions	Rupprecht
13:30 – 13:40	Introduction to Focus Group Meeting	Rupprecht
13:40 – 14:40	Exercise: 1) Definition for 'Automation-Ready' 2) Developing a vision / mobility goals for 'Automation-Ready' 3) Identification of 'Automation-Ready' Actions and Measures	All
14:40 – 14:45	Wrap-up	Rupprecht



Quick round of introduction

- Name
- Organisation you work for and your role
- Your personal and your organisations experience with automated vehicles



1st Exercise: Definition

- A definition or a doctrine is important because it give cities a framework how to deal with AVs
- This is the current definition for ‘automation-ready’:

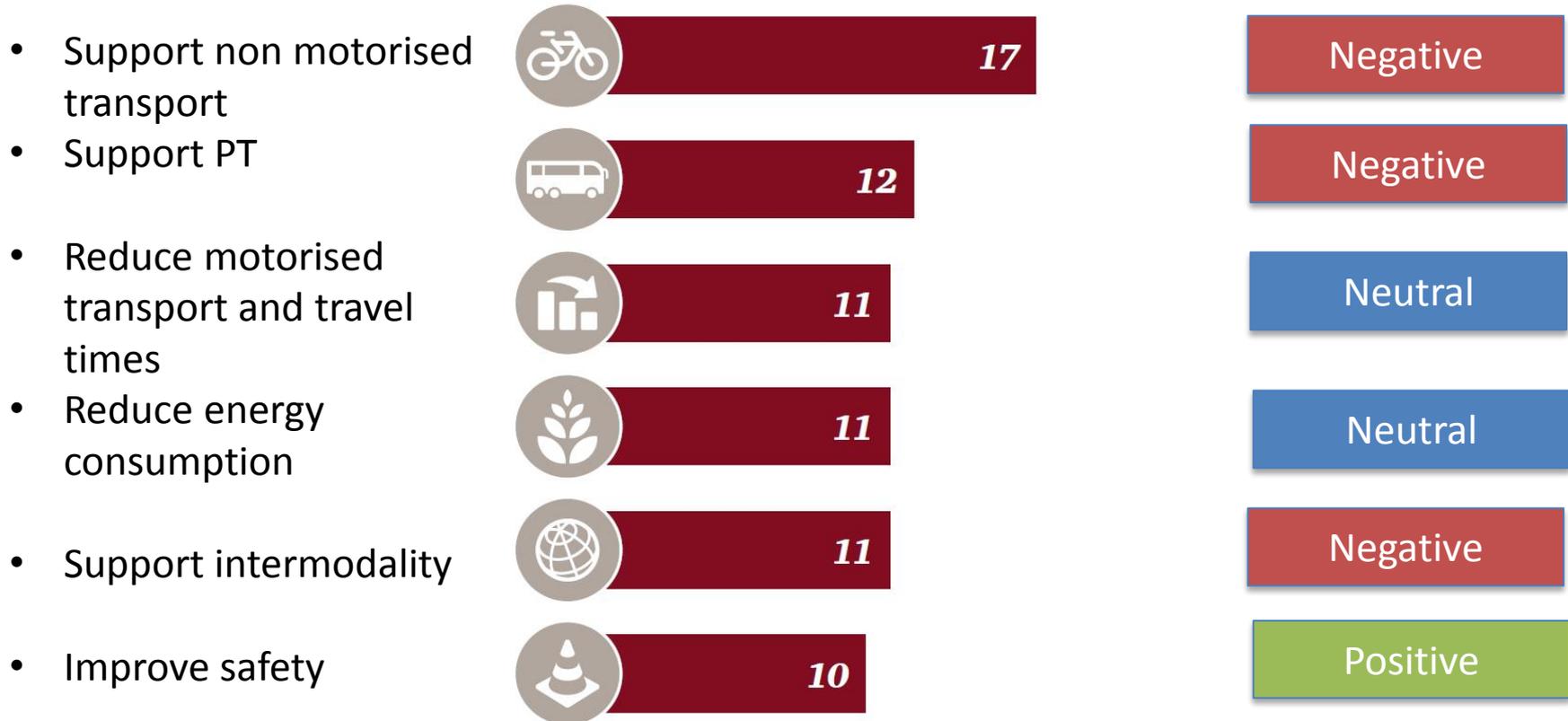
“Automation-ready is defined as conducting transport and infrastructure planning for automated vehicles in the same comprehensive manner as for existing modes such as conventional vehicles, public transport, pedestrians and cyclists, while ensuring continued support for existing modes.”

- What is your opinion about this definition?



1st Exercise: Vision / Mobility Goals

Wichtigste Ziele der Stadt- und Verkehrsplanung



Pro Teilnehmer (n=21) waren fünf Nennungen möglich.

2nd Exercise: Vision / Mobility Goals

- Think about your own strategic transport planning documents
- What are the most important mobility goals in your city?
- Do you think CAVs support or oppose these goals?
- What do CAVs have to be/do in order to align with your cities goals?



3rd Exercise: 'Automation-ready' measures?

- What you can do in your current role/job and what measures can be taken in your city in order to become 'automation-ready'?
- Short term: within the next 5 years
 - Stay Educated on Driverless Vehicle Progress
 - Incorporate Driverless Vehicles into City Goals
 - Establish Communications and/or Coalition with Driverless Vehicle Stakeholders
 - Support Testing Activities
 - Encourage Open Data Sharing
- Medium term: 5 -10 years:
 - Update travel demand model
 - Evaluate Road Capacity Needs
 - Assess PT delivery plans and fleet requirements
- Long term: 10 – 20 years:
 - Infrastructure Modifications (e.g. lane markings, change of speed limits)
 - Procure AVs for local authority fleets
 - AV road pricing, e.g. for empty rides





Bernard Gyergyay
b.gyergyay@rupprecht-consult.eu



#H2020CoEXist
@H2020_CoEXist

