

Smart and Safe Traffic Management

2022



LW 1-2

Terminology

Basic concepts

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TERMINOLOGY

- ✓ Basic concepts of road safety, terms and expressions used in the field:
 - ✓ in the local language
 - ✓ in a foreign language
- ✓ Progress and new terminology
 - ✓ unchanged and changing terms, meanings, explanations ...

TERMINOLOGY

- ✓ Spoken language *versus* documentary language
 - ✓ where, when and what to use
 - ✓ what inconveniences or misunderstandings may arise
- ✓ "Lost in translation ...,,:
 - ✓ important - ensure adequate translation

BASIC CONCEPTS

- ✓ Traffic area:
 - ✓ information sources
 - ✓ basic documents

- ✓ The main content and purpose of road safety:
 - ✓ to prevent accidents
 - ✓ to protect road users with various safety measures

BASIC CONCEPTS

- ✓ The principle of shared responsibility:
 - ✓ what does it mean
 - ✓ who is responsible for what
 - ✓ whether and what depends on me

BASIC CONCEPTS

- ✓ Traffic as a system, its components:
 - ✓ road user
 - ✓ vehicle
 - ✓ infrastructure

- ✓ Who / what and how much plays a role in the daily traffic environment?

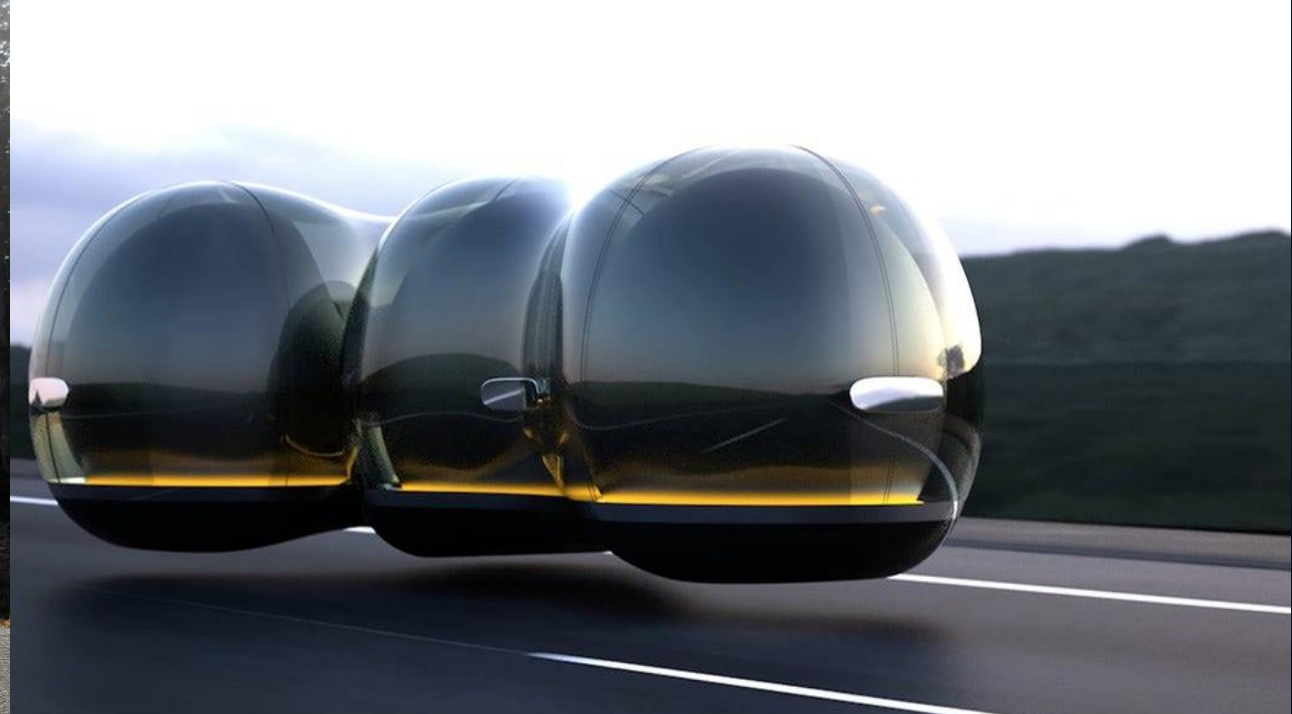
BASIC CONCEPTS

- ✓ ... and target groups:
 - ✓ pedestrians
 - ✓ two-wheelers
 - ✓ four-wheelers
 - ✓ multi-wheelers
 - ✓ ... and other transport vehicle users
- ✓ How their relationship will change in the future?









BASIC CONCEPTS

✓ Road traffic
as social space



BASIC CONCEPTS

- ✓ Changes in road safety over time:
 - ✓ why and what changes have taken place so far
 - ✓ why and what changes will take place in the future

BASIC CONCEPTS

- ✓ New and evolving concepts:
 - ✓ mobility as a service (MAAS)
 - ✓ systems controlled by artificial intelligence
 - ✓ vehicle *versus* vulnerable road users
 - ✓ green living environment
 - ✓ traffic calming
 - ✓ Vision Zero
 - ✓ new mobility solutions
 - ✓

USEFUL LINKS

- ✓ <https://medium.com/@transitprotocol/what-is-mobility-as-a-service-672259066c87>
- ✓ <https://www.itf-oecd.org/mobility-service-new-ambition-public-transport-authorities>
- ✓ [https://www.europarl.europa.eu/RegData/etudes/BRIE/2019/635609/EPRS_BRI\(2019\)635609_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/BRIE/2019/635609/EPRS_BRI(2019)635609_EN.pdf)
- ✓ <https://globaldesigningcities.org/publication/global-street-design-guide/designing-streets-people/designing-for-motorists/traffic-calming-strategies/>

USEFUL LINKS

- ✓ <https://visionzero.global/>
- ✓ <http://www.welivevisionzero.com/vision-zero/>
- ✓ <https://greenliving.lovetoknow.com/low-impact-living/what-are-most-earth-friendly-transportation-methods>
- ✓ https://www.covestro.com/en/innovation/flagship-solutions/my-future-city/future-mobility?gclid=EAiaIQobChMIoYa2t_qh9AIV2trVCh0zPgGREAYAiAAEgLjVfD_BwE

Thank you for your attention!

