CONFERENCE

Connected and Automated Driving

TOGETHER, SHAPING THE FUTURE

4 April 2017

EU Member State programmes on connected and automated driving

AUSTRIA

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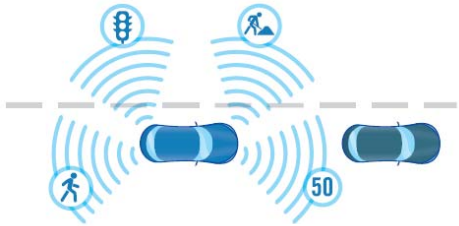
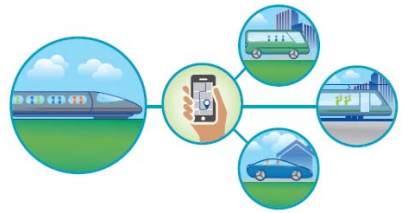
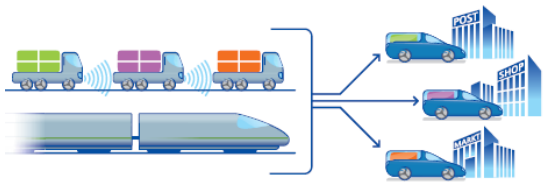
European Commission

National Action Plan

- **Action plan 'Automated - Connected - Mobile'**
  Focusing on learning, testing & impact evaluation:
  - o legalize tests & adapt legal frameworks
  - o build & run of test-environments
  - o priority use cases & applications:
    - *Safety+ (connected ADAS)*
    - *Flex'n easy (automated last mile)*
    - *Transport works (freight & logistics)*







- **Public authorities as active player** - dialogue between all stakeholders
- **National contact point** for automated driving (AustriaTech)
- **USP** of **ASFiNAG** support (digital infrastructure)

Legal framework for testing on public roads

- **Type approval law – legal changes**
  - o Development of a Code of Practice and Amendment to the Motor Vehicle Act
  - o Ordinance with focus on specific use cases:
    - *Autopilot with automatic lane change*
    - *Autonomous minibus*
    - *Self-propelled military vehicle*

legalise testing on public roads

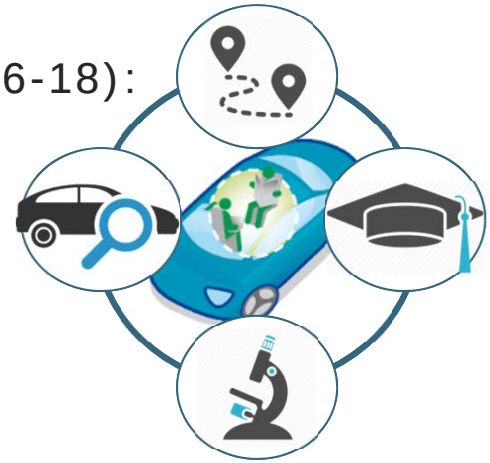
- **Process for testing**
  1. Application form to contact point (AustriaTech) (Standardised Application Form)
  2. Evaluation and feedback/recommendation of the requested test scenarios by an interdisciplinary expert group
  3. Ministerial certificate - interested organisations can start testing subsequently

!! All Austrian funding programs, test environments & test scenarios on public roads are **open for international participation !!**

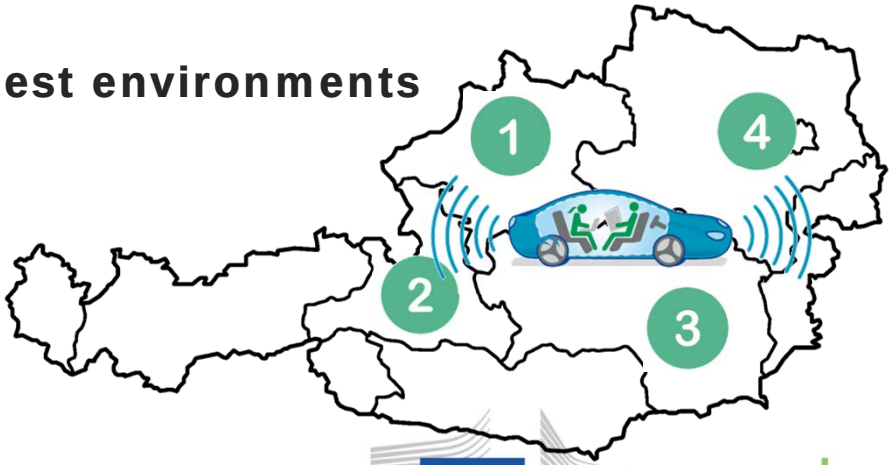
Test environments and R&D-activities

- **Investments with an overall budget of 25 Mio €** (2016-18):
  - o Test environments (evaluation & build up of innovation clusters)
  - o cross-cutting R&D-projects (ICT, Mobility & Security Research)
  - o Tenders (operation & scientific expertise)
  - o Digital Infrastructure Deployment

    →**Leverage effect** of around 35 Mio. €



- **Ongoing activities on evaluations / test environments**
  - (1) logistics; first&last mile (Upper Austria)
  - (2) last mile shuttle (Salzburg)
  - (3) highway pilot & safety (Styria)
  - (4) urban chaffeur & multimodality (Vienna)



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