Participatory Value Evaluation (PVE):
a novel assessment process for transport policies aiming at climate change mitigation

Project aims:
- Identifying transport measures that reduce CO2 emissions, while also enjoying a high level of acceptance among citizens
- Identification of criteria that are important for acceptance, examples include:
  - Cost effectiveness,
  - Distributional impacts,
  - Environmental impacts, etc.
- Conduction of the first PVE in Austria: **elicitation of citizen preferences** for (bundles) of climate change mitigation measures in the Austrian transport sector
  - Respondents are asked to choose measures that meet 2030 climate goal → otherwise penalty payments are required (see figure below)
  - Case studies: Vienna (3 districts) & Innviertel
- Recommendations for (bundles) of measures and their implementation

Steps so far

1 In-depth literature study
- Scientific articles
- Policy reports

2 Expert & citizen workshops
- Two workshops with **experts**, NGOs, public administration in Vienna and Ried im Innkreis
- One **citizen** workshop (online)

3 Several expert interviews
- Goal: discuss PVE design

4 Delphi study among experts
- Goal: generate insights reg. **expected effects** of the measures at diff. intensities
- Complements literature study
- 31 completed Delphi studies

Contacts to other research groups
- E.g. QUALITY project team

Numerous stakeholder contacts
- Civil society
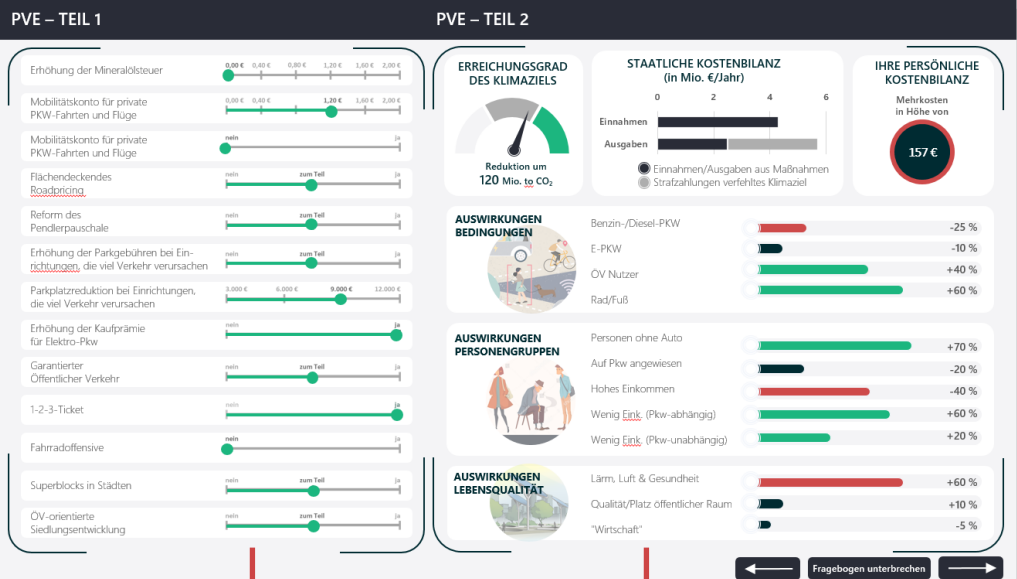- NGOS
- Politicians
- Public administration

Main focus since start of the project (Nov. 2019):
- (Participatory) **design** of the PVE
- Which **measures** to include in the PVE?
- Which **acceptance criteria** to include?
- Expected effects of (bundles) of measures?

Current PVE design

Further steps for the PVE:
- Finalize programming
- Pre-test with citizens
- Recruitment (via panel provider and stakeholder)
- Launch (~June 2021)

Part 1 – selection of measures
In the first stage, people see all 13 measures and their intensities. The only visible effect is the combined CO₂ reduction of their selected measures.

Part 2 – selection of measures
In the second stage, people see, how their selected bundle of measures affects different population segments, the economy, quality of life etc. They can adjust their selection based on this information.

Project start: November 2019
Project duration: 32 months
International partners: TU Delft, VU Amsterdam

3 GOOD HEALTH AND WELL-BEING
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION