



Common evaluation methodology for CCAM (EU-CEM)

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Satu Innamaa, VTT



Common evaluation methodology for CCAM

- FAME is developing a common evaluation methodology (EU-CEM Handbook) that provides guidance **on how to set up and carry out an evaluation or assessment** of direct and indirect (wider socio-economic) impacts directed to different user groups
- EU-CEM will be part of **European framework for testing [of CCAM] on public roads**
- Objectives for EU-CEM
 - Provide **common language and basis** for CCAM evaluations
 - Allow all CCAM projects to benefit of methodological **lessons learned and best practices**
 - **High quality evaluation** of CCAM pilots and demonstrations
 - Ensure **transferability of results** of CCAM pilots for future research, development and testing
 - **Better excellence and progress** of research and innovation on CCAM



Projects can provide **high quality input for decision and policy making**

EU-CEM principles

Guiding star principle

- The EU-CEM provides a common evaluation methodology for all CCAM tests, setting minimum requirements for evaluation

Collaboration principle

- The EU-CEM provides evaluation guidance inspired by lessons learned and best practices of CCAM tests

Comply-or-explain principle

- The EU-CEM provides guidance which should be followed, or the motivation for different choices should be explained

Agility principle

- The EU-CEM encourages agile ways of working in developing the project evaluation plan

Flexibility principle

- The EU-CEM allows for flexibility in adapting it to each project's specific evaluation needs



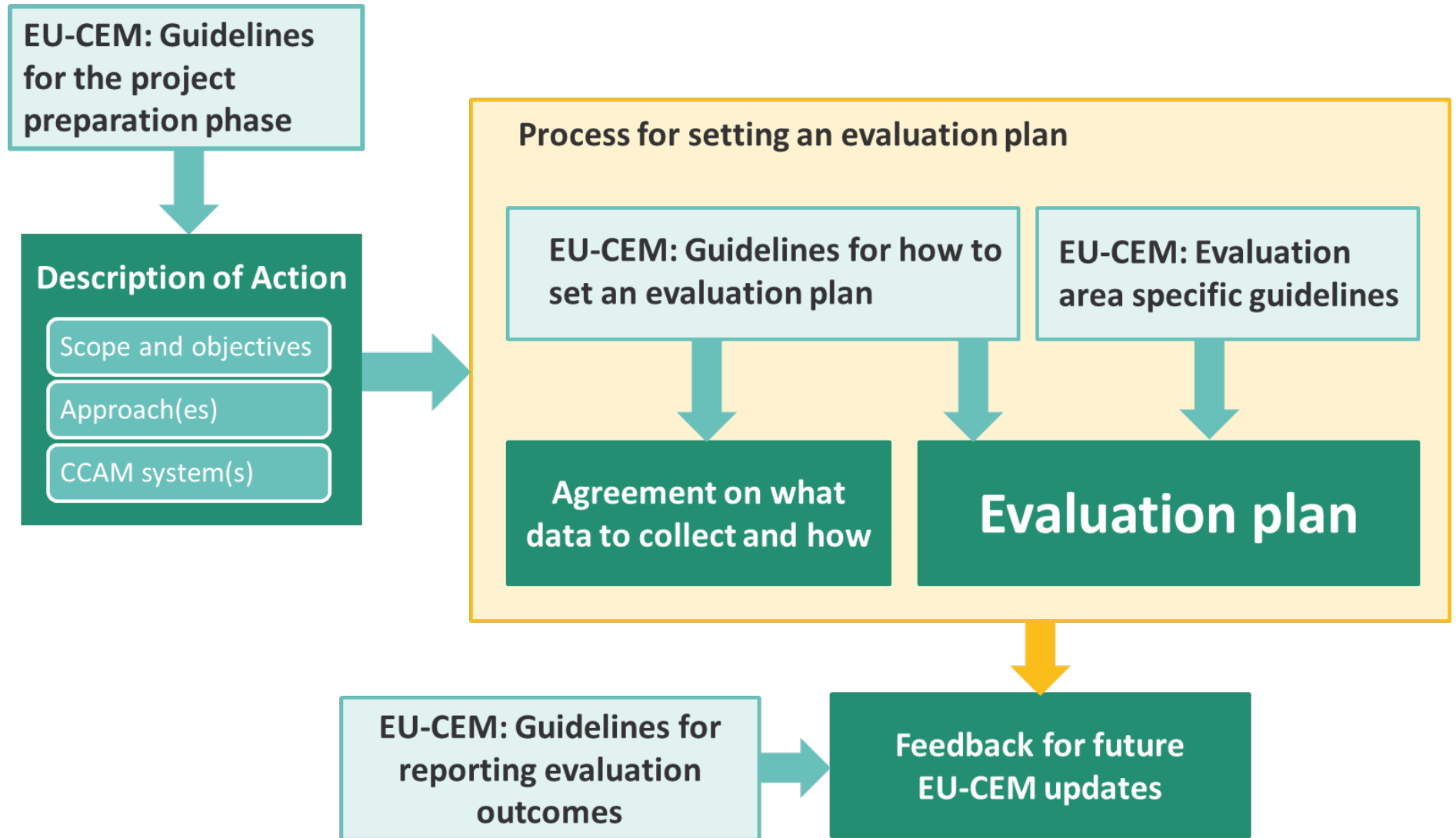
For whom?

For all CCAM projects that include **impact assessment**, addressing

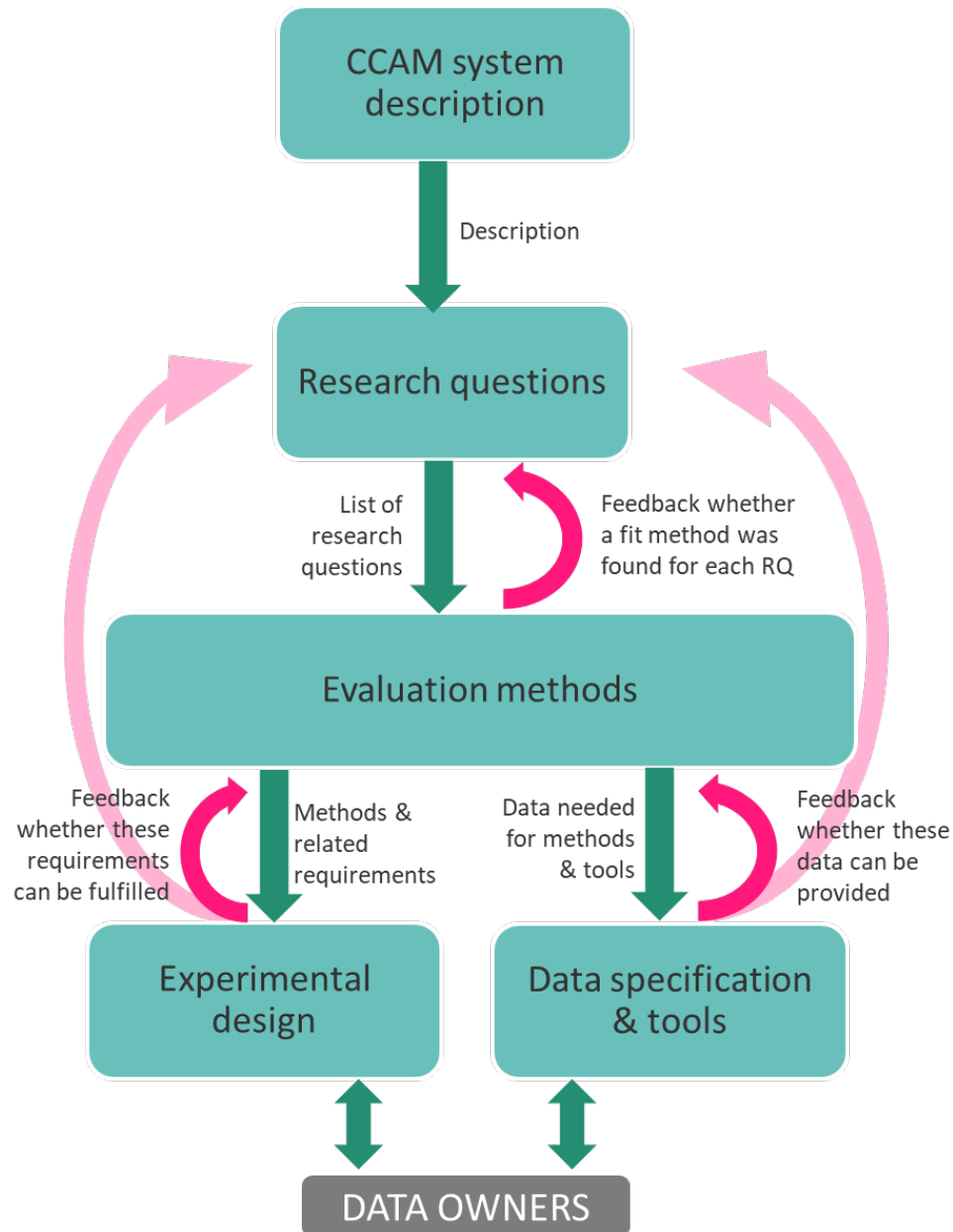
- Automation of road transport of **people and goods**
- **Any vehicle type** (specifically cars, trucks, shuttles, buses)
- **Higher-level driving automation** (SAE level 3 and higher), with and without connectivity
- **Use cases on public roads**, likely with specified operational design domain (ODD), operating in mixed traffic

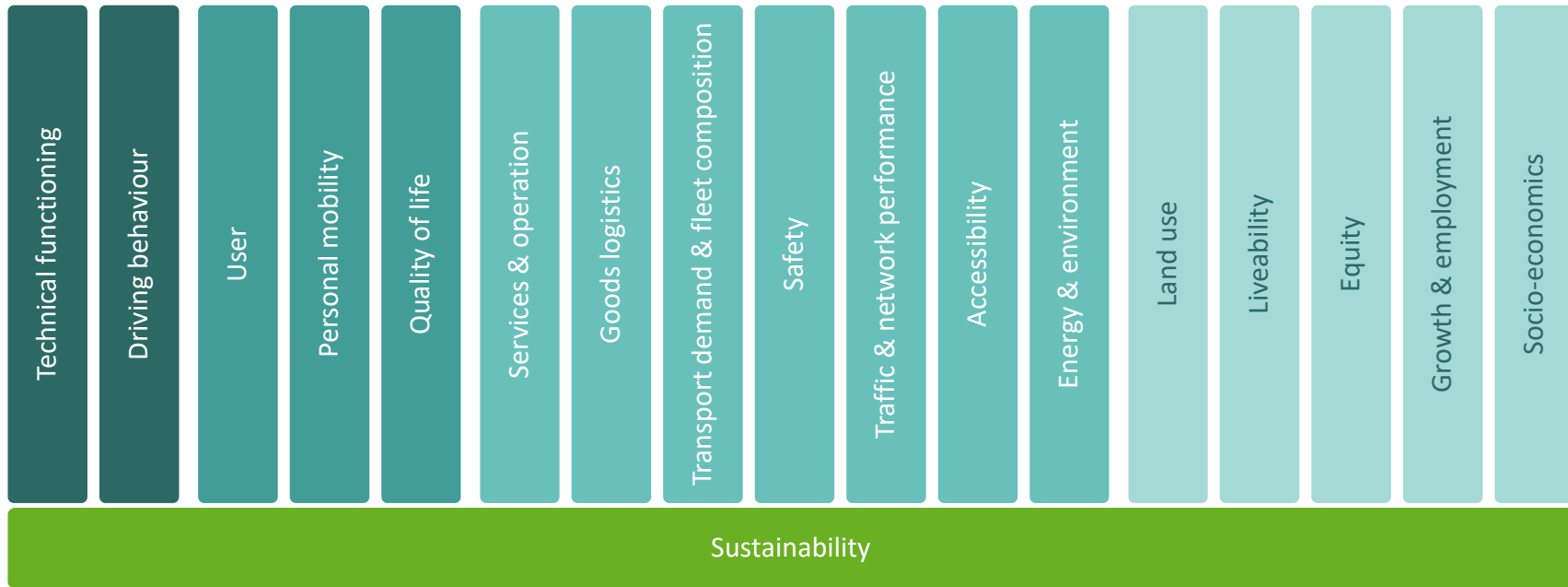
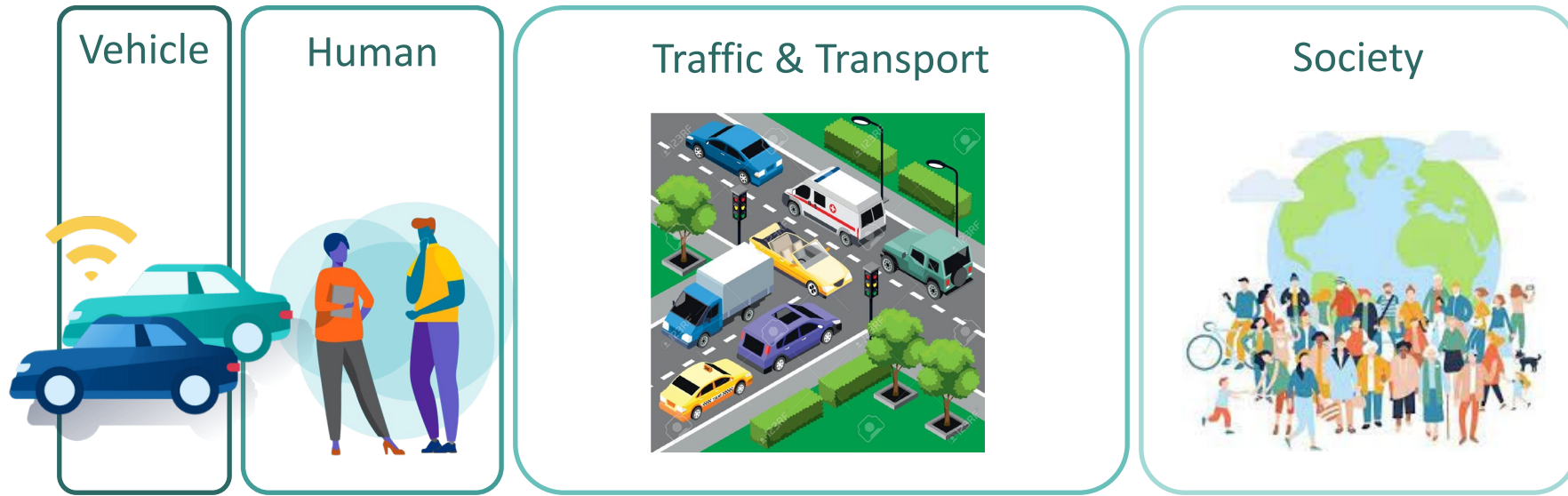
- Mainly **large joint projects**, but is applicable also for small ones

EU-CEM Handbook



Process for setting the evaluation plan





Evaluation area specific guidelines

- Definition of the evaluation area
- Short overview of the related theory or background
- Indicator recommendations
- Impact pathway, i.e. linkages to other areas
- Overview of different approaches and methods
- Pitfalls and best practices related to different methods

Timeline

- Public draft of EU-CEM Handbook in May 2024
- Consultation & Summer School in 2024
 - Feedback is highly appreciated!
- **Final version of EU-CEM Handbook in June 2025**



Thank you!



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