

Life cycle assessment of V2X

The aim is to understand the life cycle environmental impact of different V2X solutions, as well as the influence of methodological choices in the assessment.

Project leader: Anders Nordelöf, anders.nordelof@chalmers.se



Factors considered:

- Role of battery size and its degradation
- Burden of power electronics
- System boundaries, multifunctional system modelling, allocation of burdens
- System-level effects for renewable energies



The project is carried out in close collaboration with Volvo Cars, and with other ongoing projects for energy systems modelling and LCA of power electronics in chargers.