

## TASK 32

# BOOK PUBLISHED: SMALL ELECTRIC VEHICLES – AN INTERNATIONAL VIEW ON LIGHT THREE- AND FOUR WHEELERS

### Small and lightweight electric vehicles for sustainable mobility

Pressure on reconsidering transport options is increasing. Growing global population, motorization rate and urbanization as well as increasing problems related to climate change and limited resources require us to use available space, material and energy most efficiently. Small electric vehicles (SEV) could effectively support to achieve this.

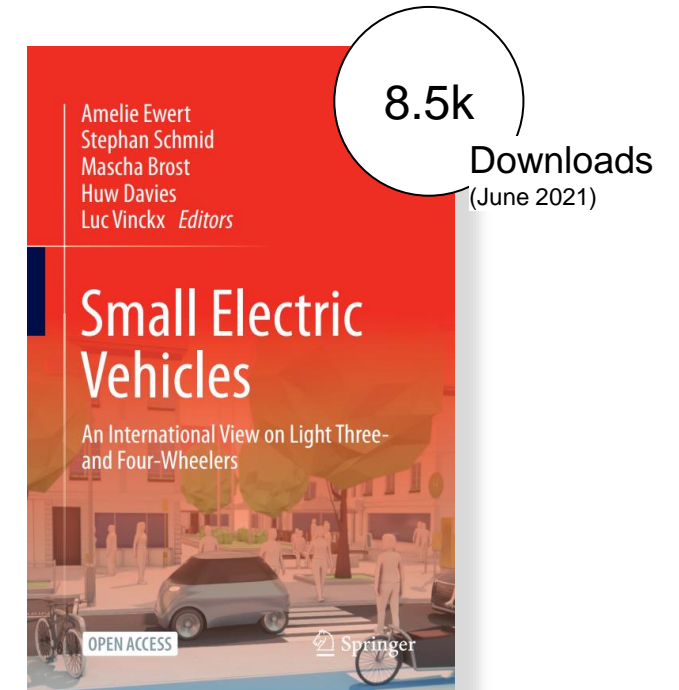
The objective of Task 32 is to promote a broader commercialization, acceptance and further development of SEVs by collecting and sharing pre-competitive information, exchange about framing conditions, best practices and ideas, how to develop the market conditions and mobility concepts further. To this purpose, international workshops, discussion rounds and a survey were carried out as part of Task 32. The results were presented in scientific publications and at conferences. A book now complements these dissemination activities.

SEV considered in the book are three- and four wheel vehicles as well as cargo bikes. It gives a comprehensive international view on chances and obstacles for SEV, covering:

- Vehicle concepts and technologies
- Safety
- Homologation and regulations
- International markets
- research and pilot projects, case studies
- Mobility concepts, e.g. shared mobility, logistics
- SEV deployment, transport potentials
- Traffic effects, sustainable urban development

The results and network created within Task 32 served as a basis to invite international authors to contribute to the book on SEV. Experts reviewed and selected contributions in a double-blind two-step process.

- Publication date: April 2021
- Publisher: Springer Nature
- 50 authors, 14 contributions
- 189 pages
- Open Access – funded by DLR publication funds



[Small Electric Vehicles - An International View on Light Three- and Four-Wheelers | Springer](#)