



Liikenteen tutkimuskeskus Verne – tutkimuksen ajankohtaiset

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Tutkimusryhmän focus / Focus of the research group

Verne's strategy 2030

Mission

Verne promotes developing a sustainable transport system and logistics through research, education activities and societal impact.

Vision

Verne is societally impactful and internationally renowned research centre in transport and logistics. Verne educates respected professionals who understand societal needs and promote sustainable transport and logistics. Societal impact originates from proactive, future-oriented and independent research in collaboration with stakeholders. Verne's staff do meaningful work in encouraging and enabling community.

Verne's role

- Specialises in research on the systems – analysing and managing the transport system as an entirety
 - Participates in both scientific and societal discussion and development
- Educates about half of the masters in transport sector in Finland and logisticians who understand freight transport
 - Is the most inviting place for transport doctoral studies in Finland

- ChiFamTravel (Research Council of Finland), promoting sustainable modes among children and families, 400 000 €, 8/2028
- SmartRail3 (Business Finland, VTT), effects of tram to citizens and businesses, 200 000 €, 12/2026
- FinnCycle (Finnish cities), cycling infrastructure planning and winter maintenance, 290 000 €, 12/2025

Urban Mobility

Sustainable
transport and
logistics

Transport
transformation

Freight and
logistics

- DeMo (Business Finland), regional traffic models and [emissions scenario tool](#), 275 000 €, 5/2026
- ECADEC (Business Finland), electric vehicle charging in energy communities, 80 000 €, 10/2026
- EMBRACER (Interreg Europe), supporting automated bus pilot and SUMP development in partner cities, 176 000 €, 5/2027
<https://www.interregeurope.eu/embracer>
- metaCCAZE (Horizon Europe), operating automated buses for 12 months, 682 000 €, 12/2027 <https://www.metaccaze-project.eu/>

- MADLESS (EU NetZeroCities), zero emission city logistics, 195 000 €, 9/2026
- SECHA (Business Finland), electric truck and car scenarios and charging infrastructure, 300 000 €, 1/2027

Doctoral dissertations coming up in 2026

- Mehdi Jahangir Samet: electric trucks and charging network requirements
- Riku Viri: regional car fleet modelling
- Henri Kervola: platform economy and courier work in logistics
- Erika Kallionpää: logistics emissions reporting

Logistiikan huoltovarmuuden työelämäprofessori?

- Logistiikan huoltovarmuus ja sotilaallinen liikkuvuus
 - Kokonaiskuva väyläverkon kehittämistarpeista
 - Elinkeinoelämän, huoltovarmuuden ja sotilaallisen liikkuvuuden yhdistäminen
 - Logistiikka-alueiden ja –vyöhykkeiden rooli huoltovarmuudelle
- Käyttövoimamurros
 - Tulevaisuuden käyttövoimajakauma
 - Kuorma-autojen taukopaikat ja jakeluinfra
 - Kaupunkilogistiikka
- Logistiikan digitalisaatio
 - Toimitusketjujen optimointi ja AI
 - Toimitusketjujen seuranta ja läpinäkyvyys, eFTI
- Haemme kiinnostuneita rahoittajia <10 000 €/vuosi, 5 vuotta, tule mukaan:
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