

BASE –

Brunnshög Automated Sustainable Electromobility

*Sustainable city development, Climate Neutrality 2030, Challenge private car usage,
Explore shared autonomous vehicles (SAV) as part of a sustainable transport system.*

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Background/challenges

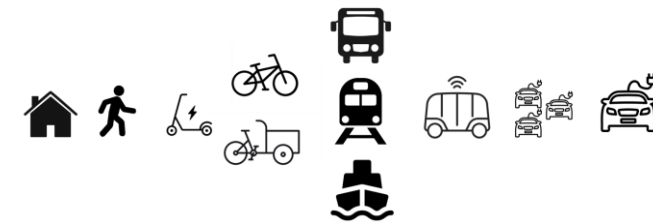


- Lund is one of 100 EU Mission Cities (Climate neutral 2030) – transport emissions?
- How to challenge the cars in a sustainable transport system? Autonomous vehicles?
- What new issues arise with such a transport system?

Insights



- Autonomy level 4 is quite mature, need to prepare for what it actually means for society
- Don't think too limited about the ODD
- Car riding (but not ownership) needs to be part of the solution



Results and learnings

- Result 1 – No sufficient system approach today
- Result 2 – Lack of understanding of a future sustainable transport system as a whole
- Result 3 – The ecosystem needs to be reconfigured into a common mission, to address transformation and necessary investment volumes
- Learning – create a higher order arena, for joint missions of authorities
- Learning – autonomous shared vehicles have the potential very soon to be the trigger towards a sustainable transport system



Next steps (proposed)



- Continue building a network for transformation knowledge
- Define a mission arena for authorities to work on transport system transformation
- Spread the insight of the state of autonomous vehicles

Partners



- Lunds kommun
- Keolis Sverige AB
- Vy buss AS
- Lunds Universitet
- Ruter AS
- NEVS AB

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