



SustainTrans Research Team
- Sustainability Transformation of Energy and Transport

THE ROADMAPPER

ROADMAPPER PROJECT KICK-OFF

Välkomna! Welcome!

Vi börjar kl 13:00

We start at 13:00

The Roadmapper - a navigator for regional transport transition
[beslutsstöd för en hållbar transportomställning]

“Helping planners navigating through short term crises to fossil free and sustainable regional transports”



Roadmapper Open Session

Agenda 13.00 – 14.00: Open Session for All [Öppen frågestund-för alla]

- 13.00 Introduction, *Henrik Ny*
- 13.15 Inspiration Lecture from School of Business and Economics at the Linnaeus University [Inspirationsföreläsning från Institutionen för organisation och entreprenörskap vid Linnéuniversitetet], [*Stefan Gössling*](#)
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THE ROADMAPPER

Introduction to the Roadmapper

- Henrik Ny



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The Aim

“Helping planners navigating through short term crises to fossil free and sustainable regional transports”



The Aim

“Helping planners navigating through short term crises to fossil free and sustainable regional transports”

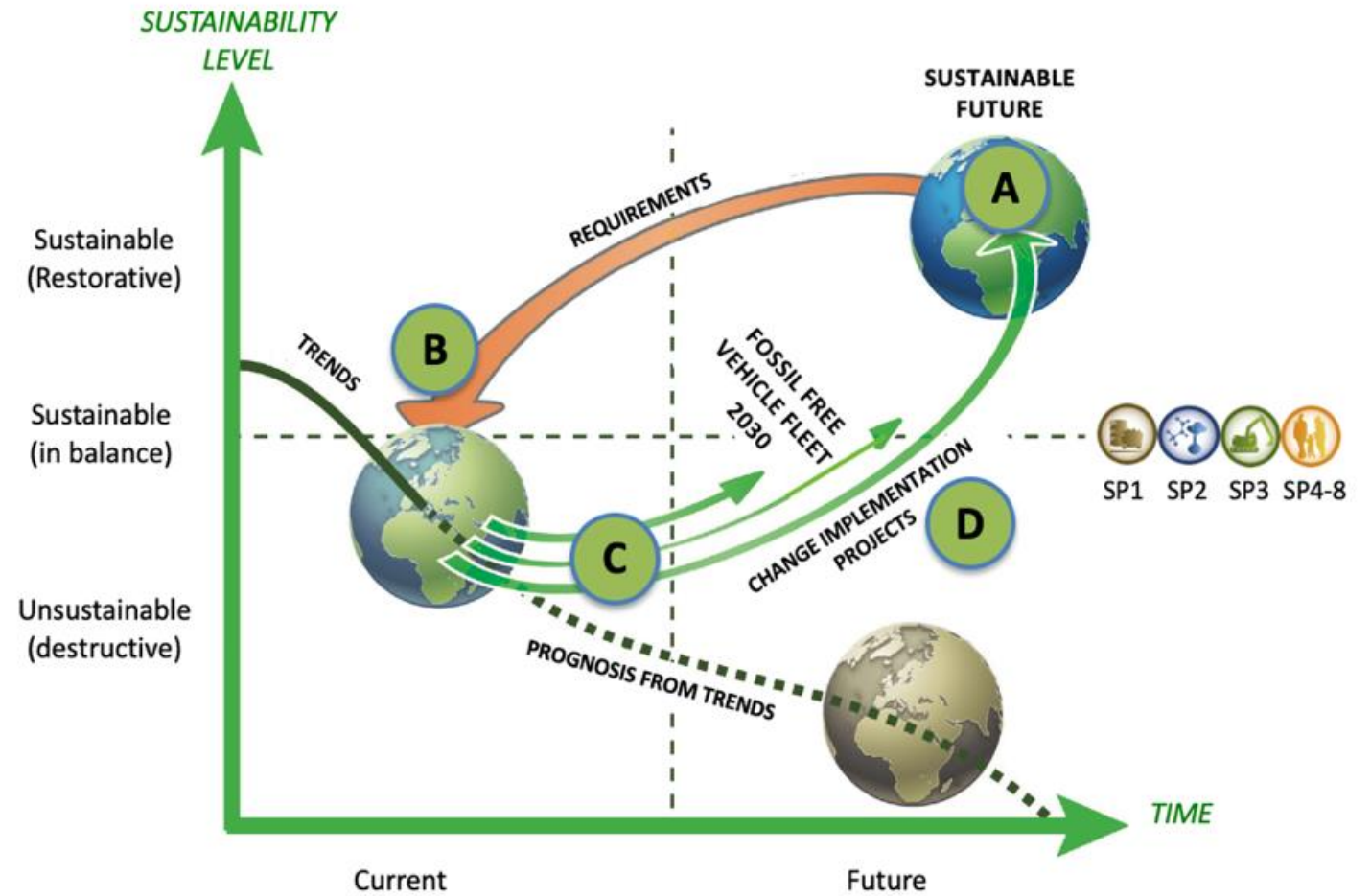
Deliverables

The web-based Roadmapper tool and an exhibition

Synched transport transition roadmaps

Regional collaboration

The ABCD Planning Process





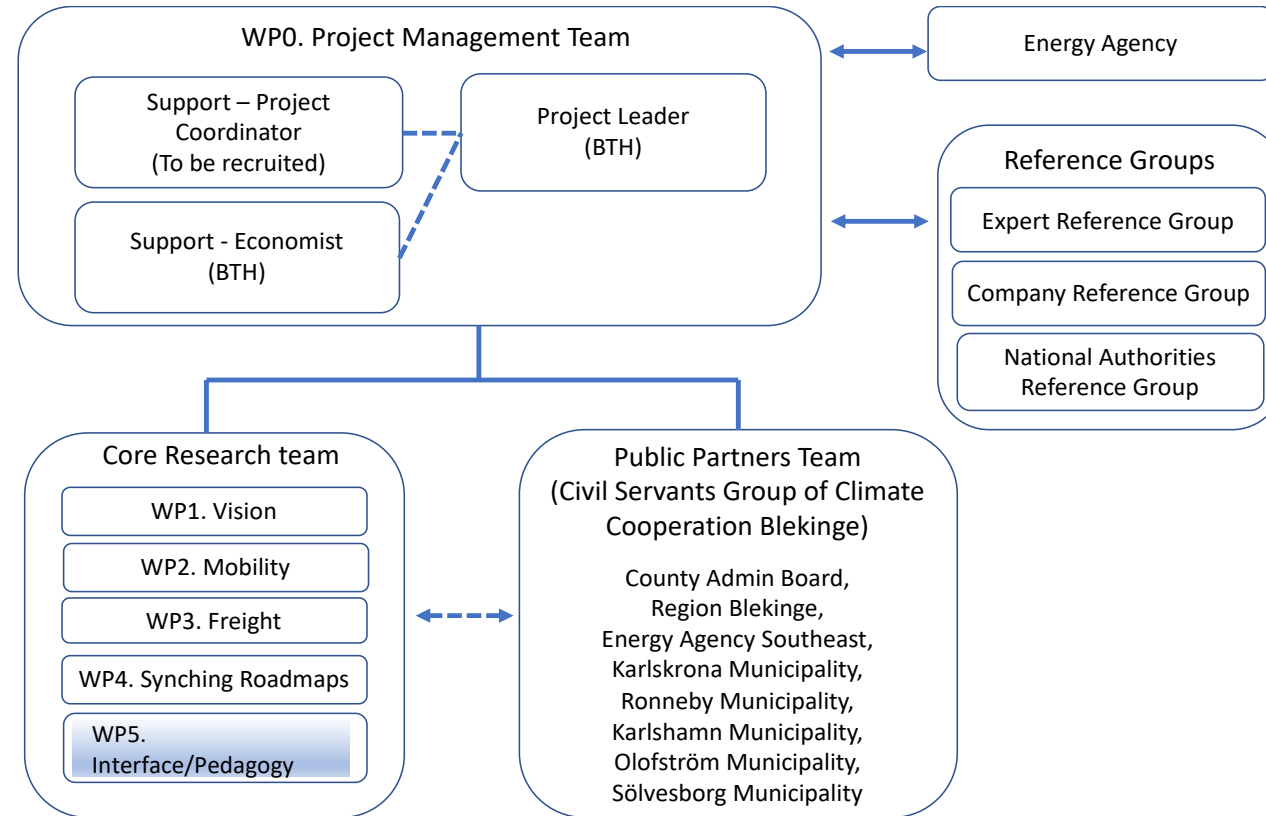
THE ROADMAPPER

Work Packages (WPs)

	<i>Personal mobility</i>	<i>Freight transport</i>
Step A. <i>Sustainable vision</i>	WP1. Future-proofing vision, goals and indicators for sustainable transports in Blekinge. Updating Blekinge transport visions, goals and indicators to meet requirements for fossil-independence and full sustainability.	
Step B. <i>Current solutions in relation to vision</i>	WP2. Reviewing current and new solutions for sustainable personal mobility in Blekinge in relation to the vision. - Case study 2.1. Fossil free regional mobility - Case study 2.2. Fossil free city mobility - Case study 2.3. Fossil free countryside mobility - Case study 2.4 ???	WP3. Reviewing current and new solutions for sustainable freight transports in Blekinge in relation to the vision. - Case study 3.1. Fossil free transport to/from Volvo Cars - Case study 3.2. Fossil free city freight - Case study 3.3. Fossil free countryside freight - Case study 3.4 ???
Step C. <i>Possible new solutions in relation to vision</i>		
Step D. <i>Roadmaps for solutions to reach the vision</i>	WP4. Building the Roadmapper planning tool and integrated transition roadmaps for sustainable transports in Blekinge. Building an integrated transport simulation model and run it with municipal, regional and national solutions from the case studies to make scenarios and roadmaps that can 'close the gap' to 'fossil freedom' and sustainability.	
	WP5. Interfaces and Pedagogy for the Roadmapper Building a user-friendly web interface for the Roadmapper planning tool and an exhibition for sustainable transport transition.	
	WP6. Project Management, communication and exploitation	



Project Organization and Roles





Partner Organizations

Academia and experts



National authorities



Regional authorities



Municipalities



Business

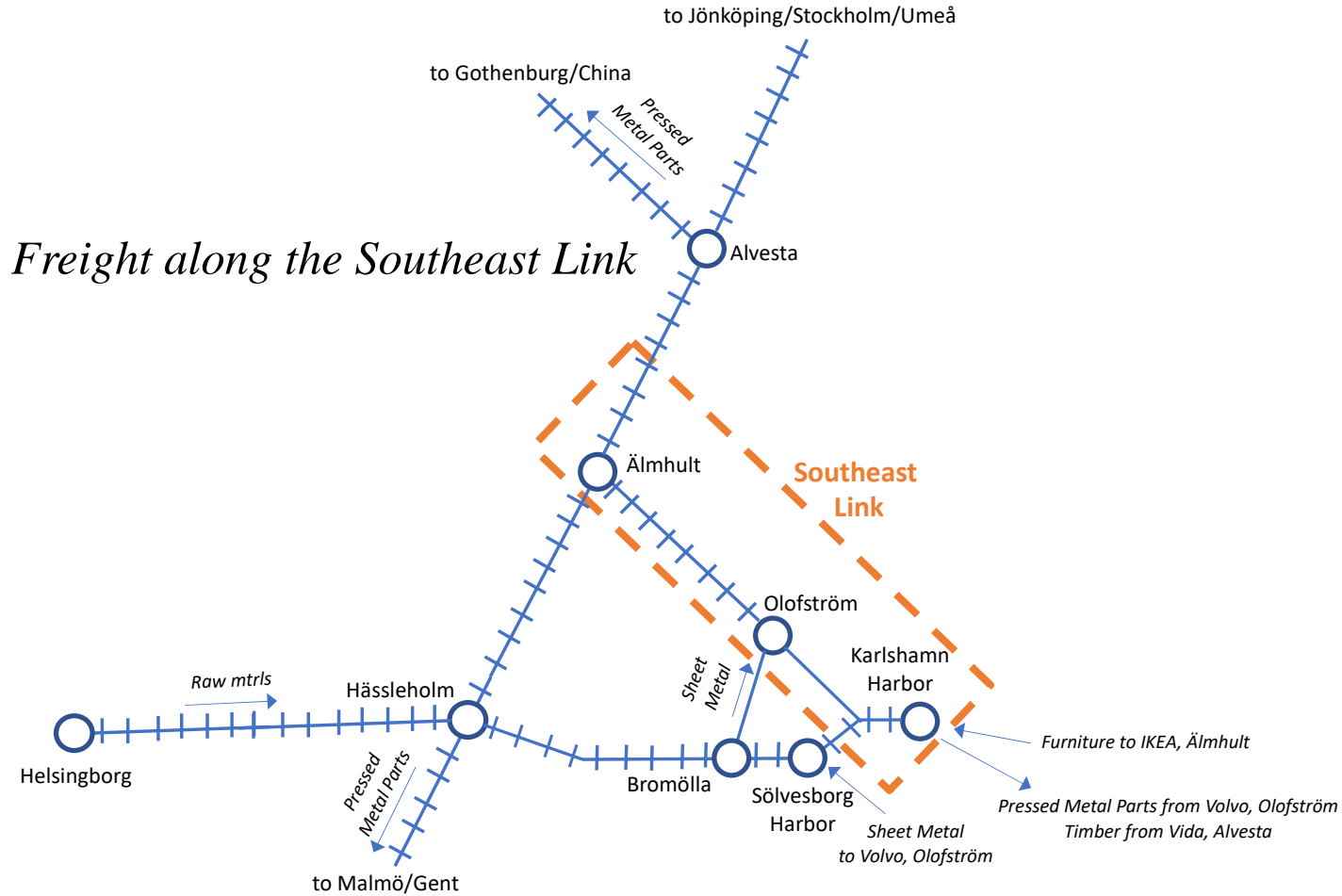




The Southeast Link Report

*Task: Sustainable Transitions to Fossil Free Freight along the Southeast Link
Volvo Cars in Olofström as a Case*

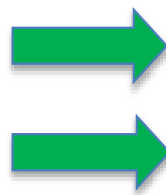
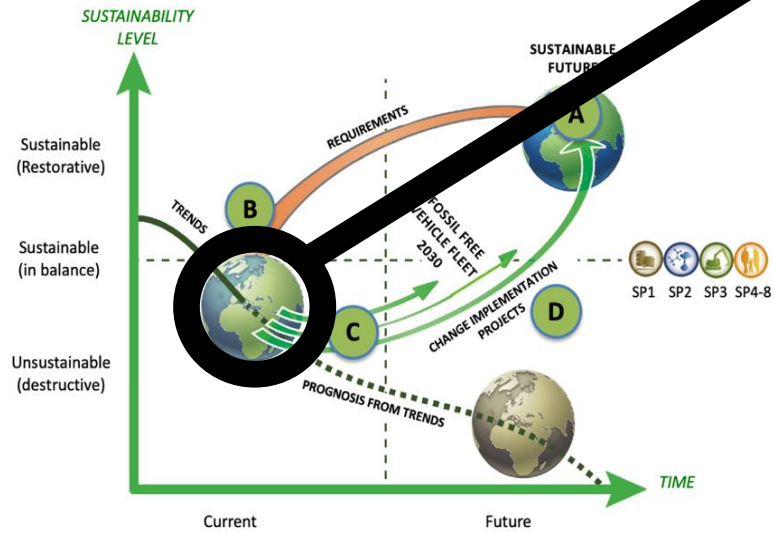
*Three Parts: 1. Modal Shift Study
2. Fuel Shift Study
3. Logistics Improvements Study*





The Southeast Link Report

2020. Starting Point



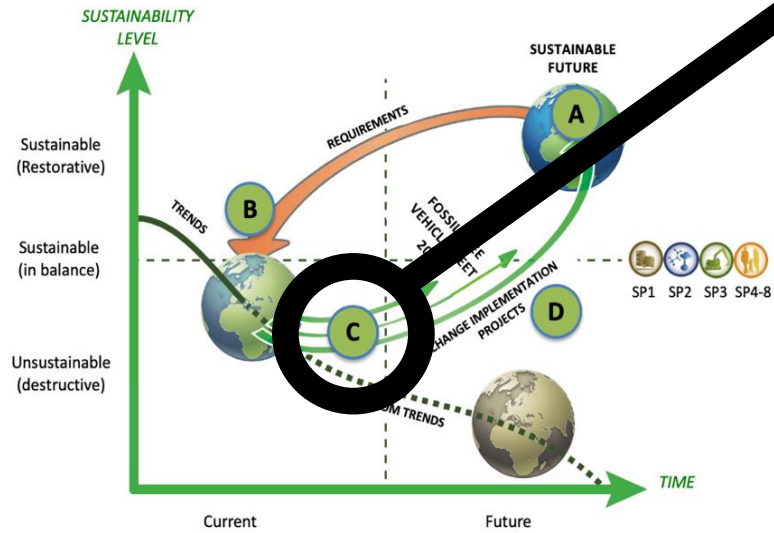
Transport Solution	Emissions to Nature (SP1,2)	Physical Destruction of Nature (SP3)	Social Barriers (HP4-8)	Costs
Diesel (truck, train)	CO2, Nox, etc	Diesel supply chain	Unhealth, resource conflict	Hidden env. costs
Electricity (train)	Green electricity			

Unacceptable
Risky
Acceptable



The Southeast Link Report

2021. First Changes



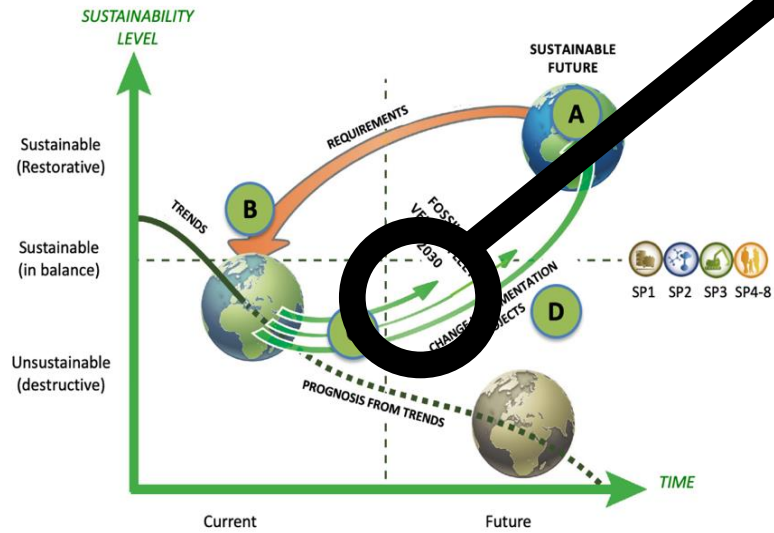
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Diesel (truck, train)	CO2, NOx, etc	Diesel supply chain	Unhealth, resource conflict	Hidden env. costs
FAME biodiesel (truck, train)	CO2 NOx, etc.	Farming		
HVO biodiesel (truck, train)	CO2 NOx, etc.	Palm Oil	Resource conflict	Shortage
Electricity (train)				

Unacceptable
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2025. Half-Way to Fossil Free

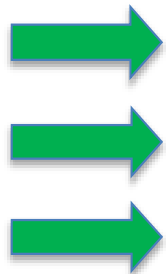
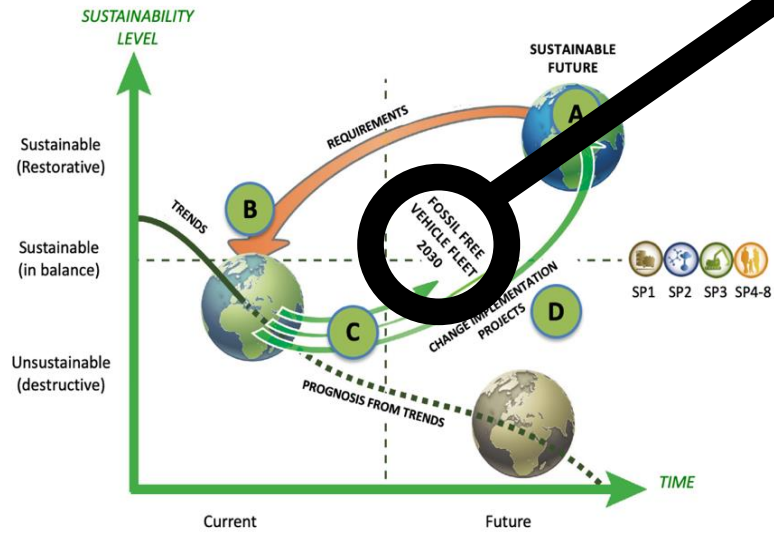


Transport Solution	Emissions to Nature (SP1,2)	Physical Destruction of Nature (SP3)	Social Barriers (HP4-8)	Costs
Diesel (truck, train)	CO ₂ , NO _x , etc	Diesel supply chain	Unhealth, Resource conflict	Hidden env. costs
FAME biodiesel (truck, train)	CO ₂ Nox, etc	Farming		
HVO biodiesel (truck, train)	CO ₂ Nox, etc	Palm Oil	Resource conflict	Shortage
Biogas (truck, train)	CO ₂ CH ₄ , etc	Farming		
Etanol diesel (truck)	CO ₂ Nox, etc	Farming		Converting
Electr. (Fuel Cell) (truck, train)				Metal shortage?
Electr. (battery) (truck, train)			Cobolt mines, Resource conflict	Metal shortage?
Electricity (train)				



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2030+. Arrival at Fossil Free



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