











E-Charge

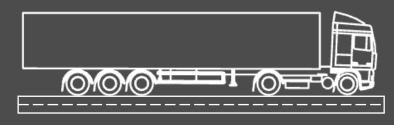
System demonstration of electrified long-haul transports







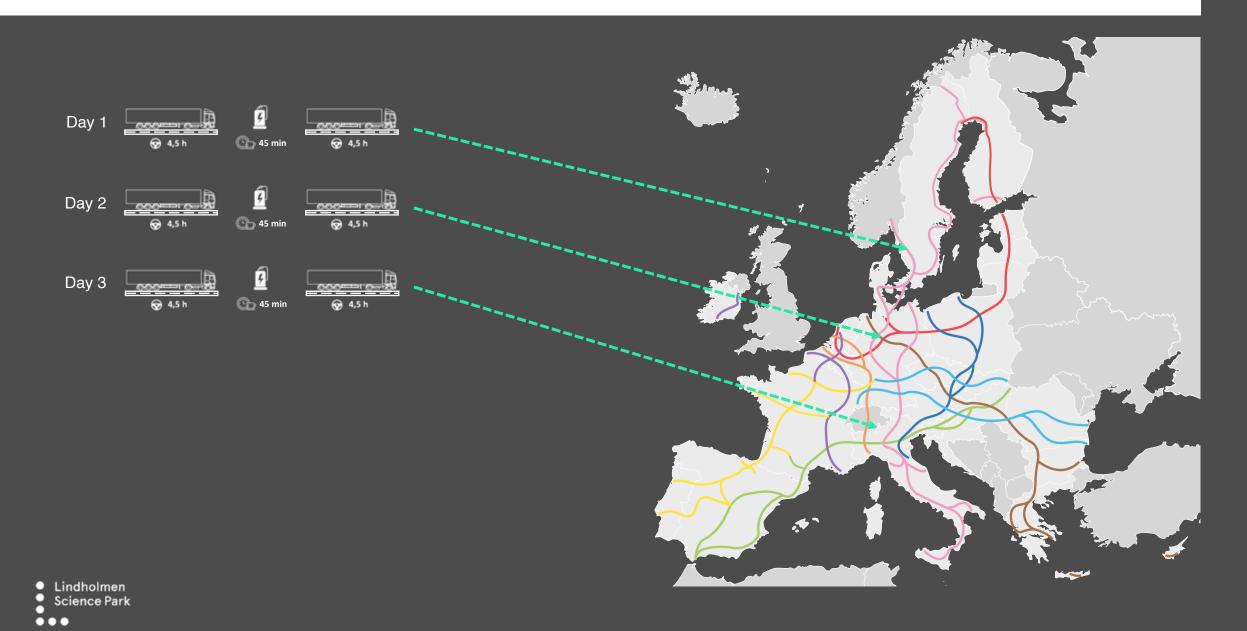
45 min



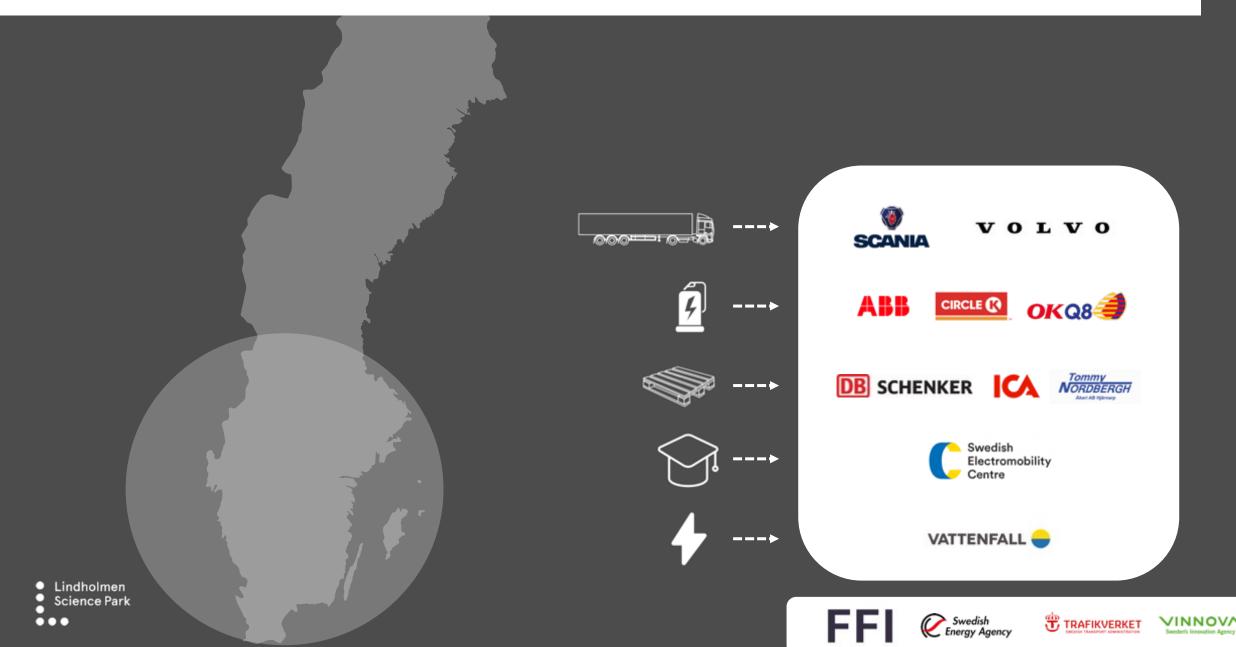




Long haul transports in the TEN-T core network – Trans-European Transport Network



E-Charge: System demonstration of electrified long-haul transports



E-Charge: Research areas







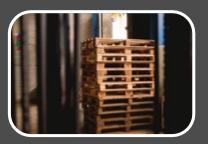
VEHICLE (ENERGY CONSUMPTION)



CHARGING SYSTEM (NO AND LOCATION OF CHARGERS)



GRID



THE LOGISTIC SYSTEM



SYSTEM COST EFFICIENCY



POLICY & REGULATION

E-Charge: Project structure

WP1a Scania	WP1b Volvo	WP1c	WP1d Circle K	WP1e OKQ8	WP2a Scania	WP2b Volvo	WP2c Circle K	WP2d OKQ8
Initial	demonstration	of interregiona logistics flows		ctrified		Preparing for la demon	ge-scale syster stration	'n
H1	Initial system o	lemonstration i	ntegration – co	oordinated deve	elopment, set up	o, operation, mo	nitoring and eva	aluation
H2	Multi-disciplina	ary modelling a	nd analysis of	system trade-of	ffs in order to a	chieve a cost eff	ective and robu	ıst system
Н3	Preparation of	master plan fo	r charging infra	astructure for lo	ong-haul BEV ar	nd large-scale sy	/stem demonstr	ration
H4	Project coordir	nation including	g processes &	operations for s	securing compe	titive data		



E-Charge: Next step – Scaling up



- Preparing for a large scale system demonstration
- Input to a national plan for the build up of charging infrastructure for long haul transports at terminals and truck stops



Together with our partners we have created a roadmap showing initiatives for accelerating the transformation

