Introduction HCT in Sweden

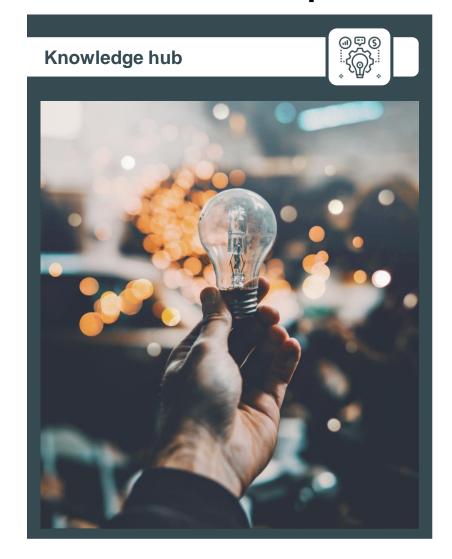
(HCT High Capacity Transport)







CLOSER is a neutral platform for collaboration, knowledge exchange and innovation for increased transport efficiency







CLOSER focuses on six priority areas for increased transport efficiency

















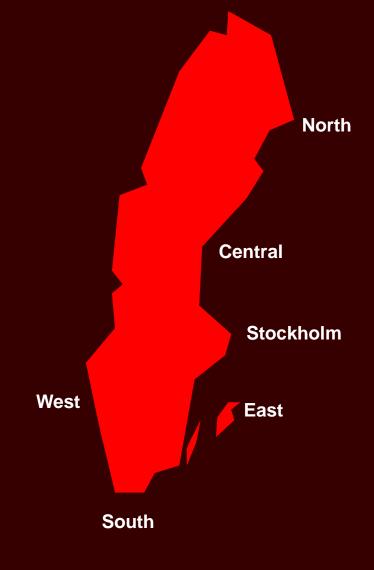
Board of Directors
Director-General Lena Erixon

9,000 employees

150 different professions



Business volume 2018 **59,000,000**







Railway

14,200 km of track

562 stations

11,500 switches and crossings

4,200 bridges

200 tunnels



Ferry

40 ferry routes

82 ferry berths



Road

98,500 km State roads

16,500 bridges

20 tunnels

1,800 road safety cameras

800 weather stations



Freight transports on Roads

- The Swedish state road network is 10 times as long as the railway network
- 86% of the total tonnage and around 65% of the tonne-km (land based) goes on Roads.
- 2/3 of this freight is concentrated on some few big Roads.
- An average road transport is 100 km and only 3% are longer than 500 km.



Objectives for High Capacity Transport

(Learnings from testprojects)

- "Free" road capacity is used less need for investments.
- Energy use and emissions of climate gases per transported volume/ton decreases dramatically.
- No increased wear and tear of the road network (major roads).
- Safety is increased by the use of the best technology and less exposure (fewer vehicles).
- Industrial development of the transport system.

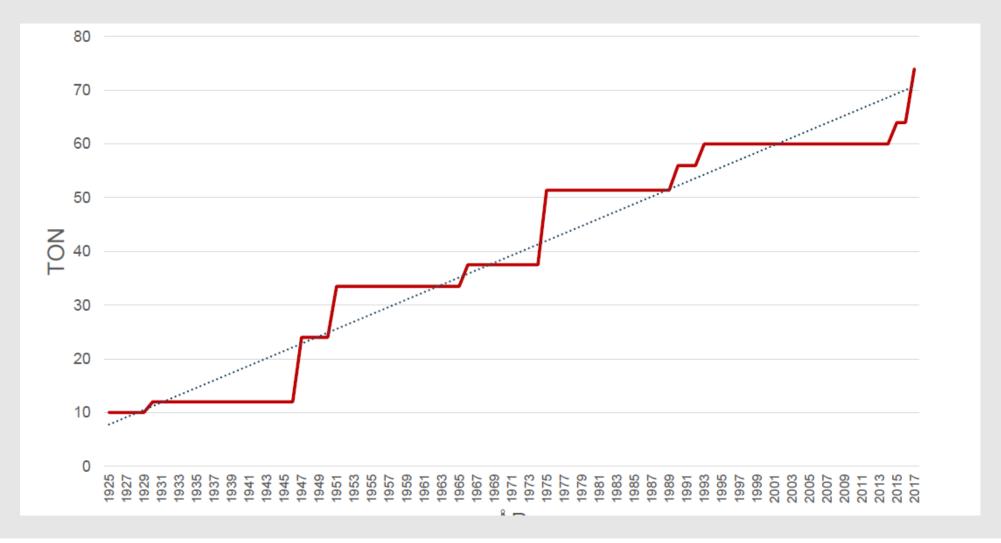


What has happened about "dimensions" since the HCT-program started

Year	Weight (ton)	Length (m)
2012	60	25,25
2015	64	25,25
2018	74	25,25 (limited road network)
202X	64/74	34,5



Max allowed grossweight in Sweden





Other important steps

2012 HCT - Program established at Closer

2013 Roadmap for HCT

2014, 2015, 2016 and 2018 Assignments from government about HCT

2018 Introduced PBS (Vehicle regulations for 74 ton)

2019 Updated roadmap for HCT

Infrastructure (Trafikverket)

A consolidated regulatory framework (Transportstyrelsen)

Traffic safety (Safer)

Performance Based Standards (VTI)

International cooperation (Closer)

HCT-program (Closer)

"The program aims to create conditions for introduction of HCT in a designated part of the Swedish road network in describing and developing problem scenarios, development needs, possible solutions and also test and demonstrate these"

Follow up research (KTH)

Access and surveillance (Lund University)

Logistics and System effects (Schenker consulting)

Type vehicles (Volvo/ Scania)

Vehicle demonstrators (Skogforsk)



Thanks for listening

