



Region Örebro County

Challenges and opportunities in the transition to a sustainable and efficient transport system

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Region Örebro

- **Population:** 300 000
 - Sweden's demographic and geographic centre
- **Municipalities:** 12
 - Capital: Örebro
- **Important nodes:**
 - Örebro, Örebro Airport, Hallsberg
- **Transport region**
 - Local, regional, national, international infrastructure intersect.
 - Part of the TEN-T (ScanMed)
- **Leading logistics location**
 - **Supermodality:**
“In Örebro, European roads, national roads, railways, aviation, ports and academia meet in a unique cluster”

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Transition to a sustainable transport system - Challenges

- Agenda 2030, Green Deal, Fit for 55, Smart & Sustainable Mobility Strategy
- Reduce emissions from the transport sector
- Remove bottlenecks in cross-border infrastructure
- Increase modal shift
- Roll out alternative fuels (electricity, hydrogen, biogas)
- Ensure availability of sustainable electricity



Three examples from Region Örebro

- **Cross-border** (passenger transports)
 - Oslo-Stockholm railway connection
- **Freight transports**
 - Railway operations in Hallsberg
 - High Capacity Transports (HCT)
- **Clean fuels**
 - Sweden's first permanent electric road
 - Fossil free public transportation
 - Bus Rapid Transit (BRT)



The Oslo-Stockholm connection

- Two of Europe's fastest growing cities
- More than 3,5 million people in the relation
- **Distance:** 400 km
- **Travel time by train:** 5-6 hours
- **1,4 million air journeys** annually
- Just **200.000 train journeys**
- Not prioritised in TEN-T and CEF
- Need of better cross-border infrastructure planning



Oslo-Sthlm 2.55 - Project

- **A faster railway under 3 hours by:**
 - Improvements in existing infrastructure
 - Building two new railway links
 - **Cost:** 4,5 billion euro
- **Potential to:**
 - Move over 1 million air passengers to the train each year
 - Greatly reduce CO2 emissions
- **Creates:**
 - Better accessibility and commuting
 - Regional enlargement and growth
 - Connecting 3,5 million people in 50 municipalities and eight labour market areas



Railway operations in Hallsberg

- The **most important railway node** in Sweden
 - Connects:
 - Northern Sweden with European industries
 - Sweden to the world market through **Port of Gothenburg**
- **Largest railway junction and shunting yard** in the Nordic countries
 - **500 000 units** shifted from/to trains annually
- **Rail-Road terminal**
 - Node in the **ScanMed-Corridor (TEN-T)**
 - Important for modal shift
 - **35,000 TEU shifted** between train and truck annually
- **HCT project**
 - **Last mile solution:** 30 meter long trucks
 - Strengthen the multimodal transport chain



Clean fuels

- **Sweden´s first permanent electric road**
 - Hallsberg-Örebro (30 km)
 - Open for traffic in 2026
 - First leg of a national electric road system
- **Fossil free public transportation**
 - Since 2015 in the whole region
 - Biogas as dominating fuel
- **BRT (Bus Rapid Transit)**
 - Project started in the city of Örebro
 - Reduce congestions and emissions
 - Enable city growth



Thank you for your attention!

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