

NEW NORTH PROJECT -WP1

SEAMLESS FREIGHT TRANSPORT FOR THE FUTURE

PROJECT STEERING GROUP MEETING

LULEÅ, MAY 21.2024

BY STIG NERDAL, MANAGING DIRECTOR, TRANSPORTUTVIKLING AS



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WHO AM I?

- ❑ **Transport consultancy/CEO and Owner of the consultancy firm Transportutvikling AS (20 years)**
 - ✓ **Project consultant WP1**
- ❑ **UIC project director for development of international/intermodal railway corridors (11 years)**
- ❑ **Financial director/CEO of a Norwegian shipping line (10 years)**
- ❑ **Chairman/member of various Boards of Directors, lectures at Universities etc.**



WP1: PROJECT PERIOD AND AMBITIONS

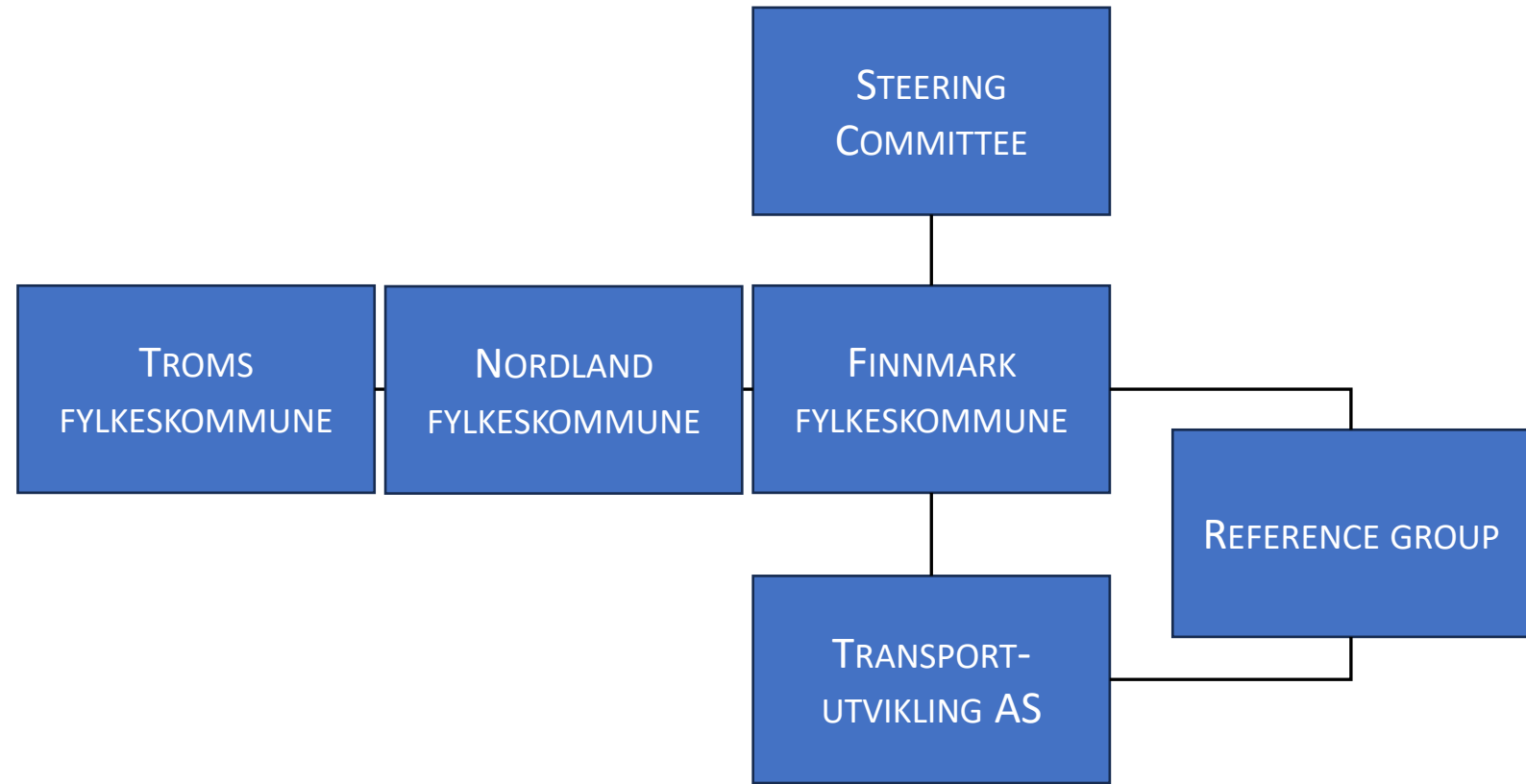
Project period: 2023-2026

Ambitions:

- A detailed status of freight transport (road)
- Focus on selected border crossing corridors (not all)
- Bottlenecks, new opportunities/ideas, value estimates in the various corridors, environmental issues etc.
- Recommendations and Exit strategy

ORGANIZATION WP1

- **Led by Finnmark fylkeskommune, and partners Troms fylkeskommune and Nordland fylkeskommune**
- **Project consultant for the period 2023-2026 is Transportutvikling AS, by Stig Nerdal**



NEW NORTH WP1: PROGRESS MAIN ACTIVITIES

WE ARE ON
TRACK 👍

Activity	2023			2024												2025												2026									
	okt.23	nov.23	des.23	jan.24	feb.24	mar.24	apr.24	mai.24	jun.24	jul.24	aug.24	sep.24	okt.24	nov.24	des.24	jan.25	feb.25	mar.25	apr.25	mai.25	jun.25	jul.25	aug.25	sep.25	okt.25	nov.25	des.25	jan.26	feb.26	mar.26	apr.26	mai.26	jun.26	jul.26	aug.26		
	Month ->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Phase 1: PLANNING AND PLAN DESCRIPTION																																					
Phase 2: MARKET ANALYSIS (REPORT 1)																																					
Phase 3: BOTTLENECS AND IMPROVMENT OPTIONS (REPORT 2)																																					
Phase 4: RECOMMENDATIONS AND EXIT- STRATEGY (REPORT 3)																																					
FINAL REPORT AND DISSEMINATION																																					
OTHER ACTIVITIES																																					
Coordination other WP, steering group, meetings, seminars, travel etc																																					

REPORT TO BE
COMPLETED



ACTIVITY
COMPLETED



ACTIVITY TO
BE COMPLETED



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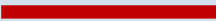
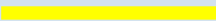
WP1 - 4 BASIC PROJECT CORRIDORS

1. **EASTERN-FINNMARK ↔ TORNIO**
 - a) TORNIO ↔ NORTH-FINLAND
 - b) TORNIO ↔ HAPARANDA ↔ NORTH-SWEDEN
2. **WESTERN-FINNMARK ↔ KIVILOMPOLO**
 - a) KIVILOMPOLO ↔ KARESUANDO ↔ NORTH SWEDEN
 - b) KIVILOMPOLO ↔ PALOJOENSUU ↔ TORNIO
 - I. TORNIO ↔ HAPARANDA ↔ NORTH-SWEDEN
 - II. TORNIO ↔ NORTH-FINLAND
3. **TROMS ↔ KILPISJÄRVI ↔ KARESUVANTO**
 - a) KARESUANDO ↔ NORTH-SWEDEN
 - b) KARESUVANTO ↔ NORTH-FINLAND
4. **NORDLAND/TROMS ↔ BJØRNFJELL ↔ TÖRE**
 1. TÖRE ↔ NORTH-SWEDEN
 2. TÖRE ↔ HAPARANDA/TORNIO ↔ NORTH-FINLAND

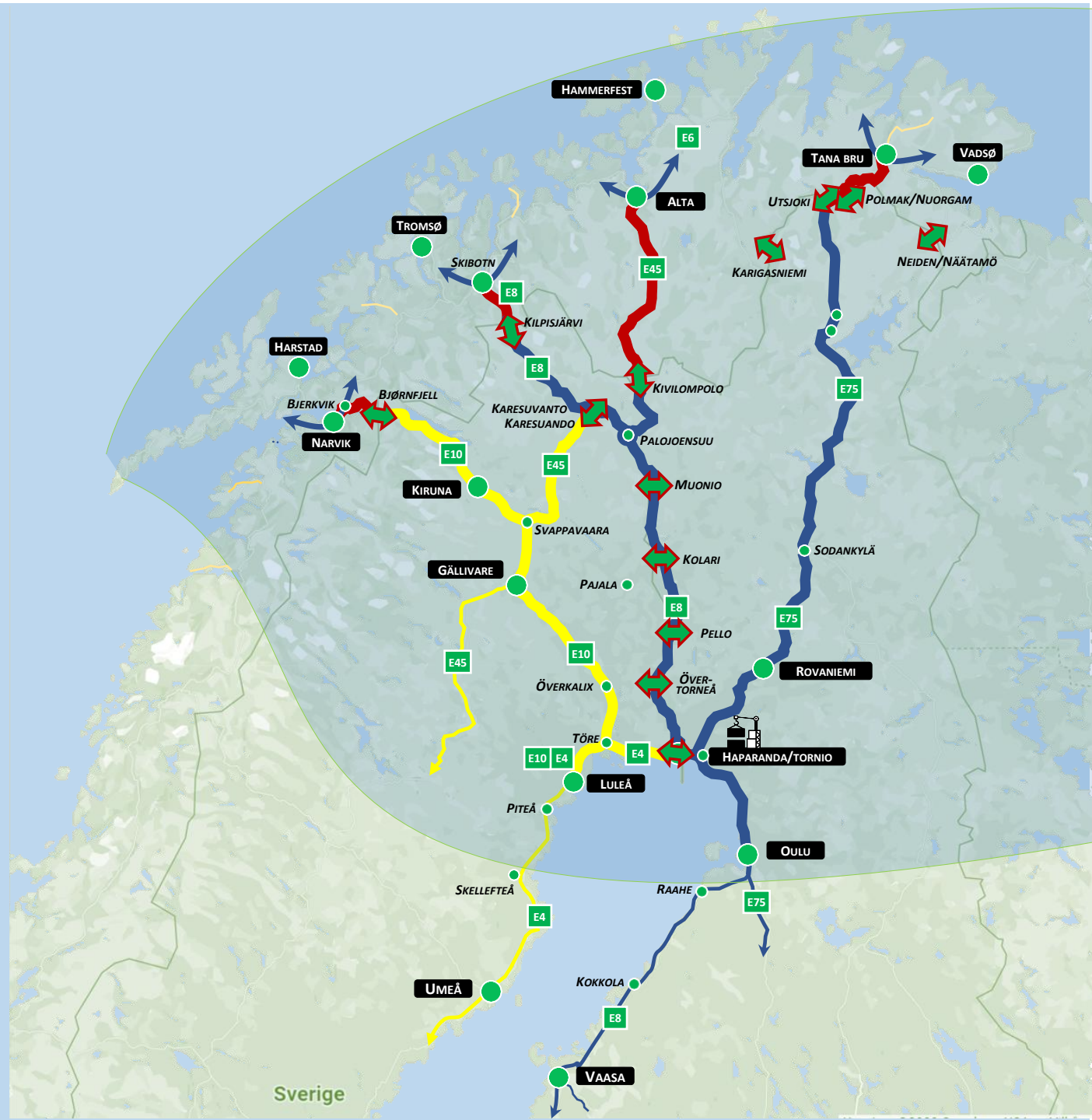


NOTER

PROJECT CORRIDORS – SECTIONS IN 3 COUNTRIES:

- NORWAY 
- SWEDEN 
- FINLAND 

BORDER CROSSING POINTS



✓ **WE ARE USING BOTH SECONDARY SOURCES (PUBLIC STATISTICS) AND PRIMARY SOURCES (INTERVIEWS)**

✓ **FOR PRIMARY INFORMATION, WE AIM TO TALK TO MORE THAN 100 DIFFERENT COMPANIES AND ORGANIZATIONS.**

- ✓ THE MAJORITY ARE IN NORWAY, AS MOST OF THE BORDER CROSSINGS ARE BETWEEN NORWAY AND FINLAND/SWEDEN
- ✓ AS PR. MAY 2024, 30-40% OF THE INTERVIEWS ARE COMPLETED

✓ **COLLECTION OF SECONDARY DATA/STATISTICS ARE MORE OR LESS COMPLETED FOR CLOSE TO 200 DIFFERENT "COUNTING POINTS"**

- ✓ RELEVANT INFORMATION, BUT SOME CHALLENGES.....

Project period: 2023-2026

Ambitions:

- A detailed status of freight transport (road)
- Focus on selected border crossing corridors (not all)
- Bottlenecks and new opportunities/ideas
- Recommendations and Exit strategy



Road Type	Fringe	R	Suburban	Urban
Arterial				
Freeway				
Local				
DT	Arterial 15,015			
	Freeway 15,049	23,569		
	Local 15,4	15,052		
DT	Arterial 51		23,4	64,487
	Freeway 1	24		14,434
	Local			
T	Arterial			
	Freeway		23,799	164
	Local			3,781
Total business district				

DATA CLASSIFICATION IN THE DIFFERENT COUNTRIES (SECONDARY SOURCES):

NORWAY (2023)

- LENGTH GROUPS (M) FOR VEHICLES, AND CONTINUOUSLY UPDATED FIGURES

FINLAND:(2023)

- VEHICLE GROUPS, AND CONTINUOUSLY UPDATED FIGURES
 - HEAVY INCL. BUS (CAN SEPARATE BUS)
 - TRUCK WITHOUT TRAILER
 - TRUCK/ SEMI
 - TRUCK WITH TRAILER
 - HIGH CAPACITY TRUCK
 - PASSENGER CAR/VAN, PASSENGER CAR W/TRAILER, PASSENGER CAR/CARAVAN AND MOTORCYCLE

SWEDEN (2022)

- DIVIDES VEHICLES INTO DIFFERENT CLASSES BY DISTANCE BETWEEN WHEEL AXLES AND NUMBER OF AXLES.
- ON THE MAIN ROAD NETWORK (ROAD NO. UNDER 500) MEASUREMENTS ARE MADE EVERY 4 YEARS. OTHER ROADS ARE MEASURED EVERY 12 YEARS.
- POSSIBLE TO GET 2022 FIGURES FOR:
 - LIGHT VEHICLES
 - MEDIUM HEAVY VEHICLES (TWO-AXLE TRUCKS WITHOUT TRAILER)
 - VERY HEAVY VEHICLES (TWO-AXLE TRUCKS WITH A TRAILER AND TRUCKS WITH THREE OR MORE AXLES, WITH AND WITHOUT TRAILERS.

So far we have used:



≥ 16 m



TRUCK/ SEMI

+TRUCK WITH TRAILER

+HIGH CAPACITY TRUCK



VERY HEAVY VEHICLES

(MYCKET TUNGA FORDON)

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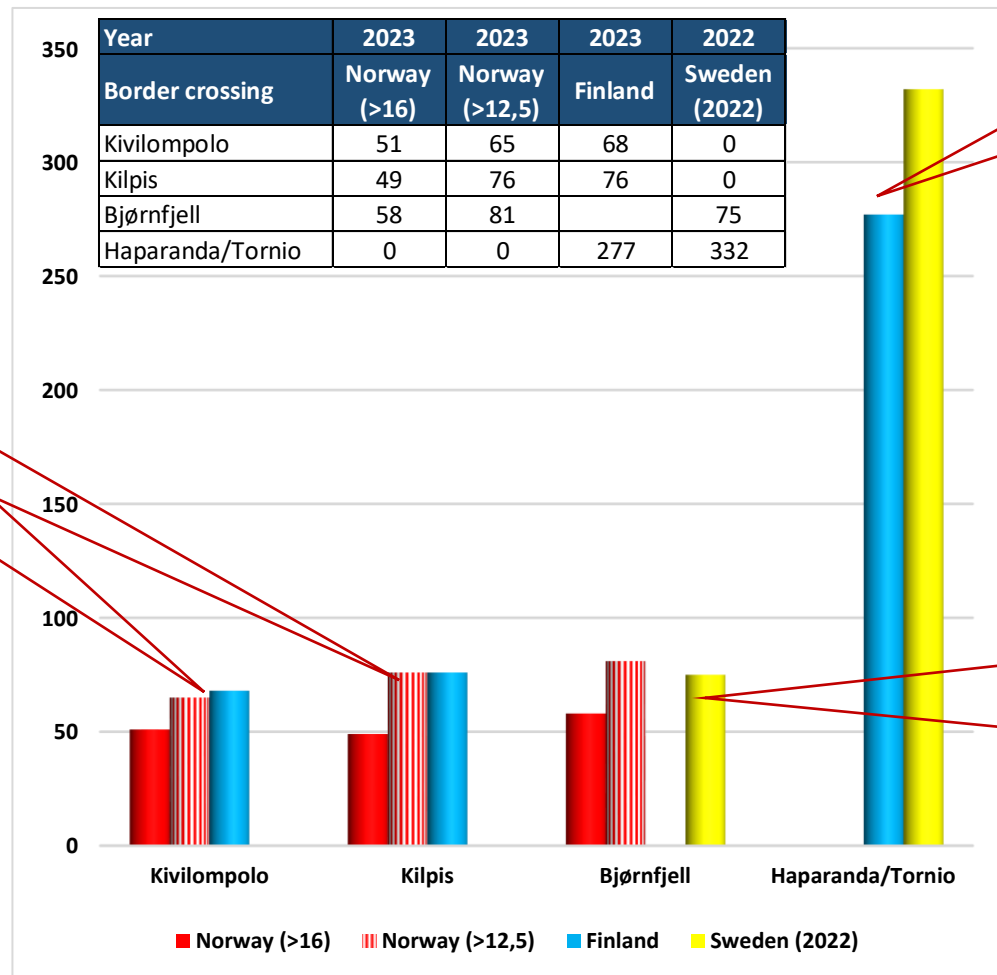
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EXAMPLES – BASED ON SELECTED VEHICLE CATEGORIES (COUNTING POINTS CLOSEST TO THE BORDER)

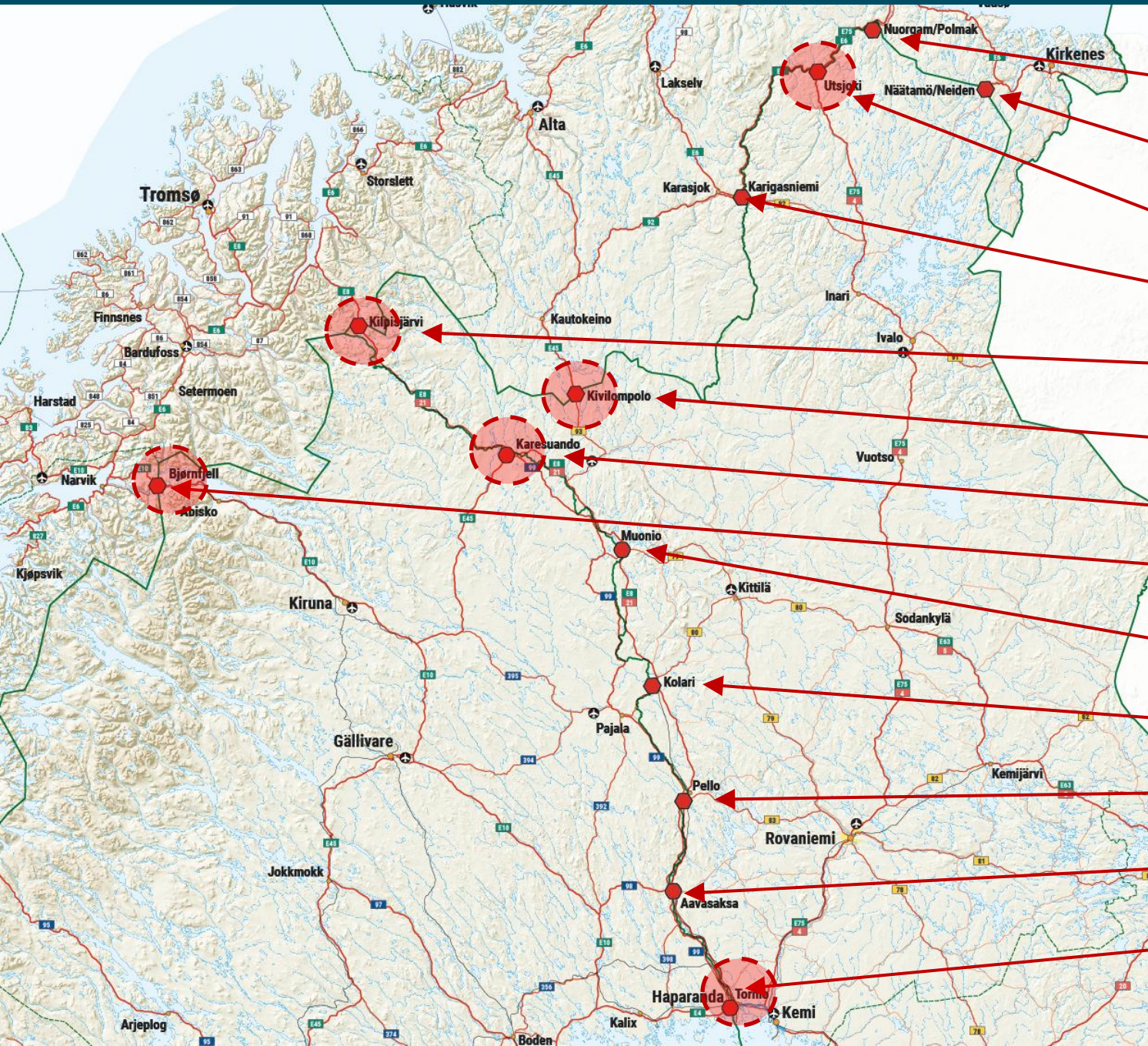
Finland «heavy vehicles» is close to Norway's >12,5 m



Quite close: Finland had higher registrations in 2022

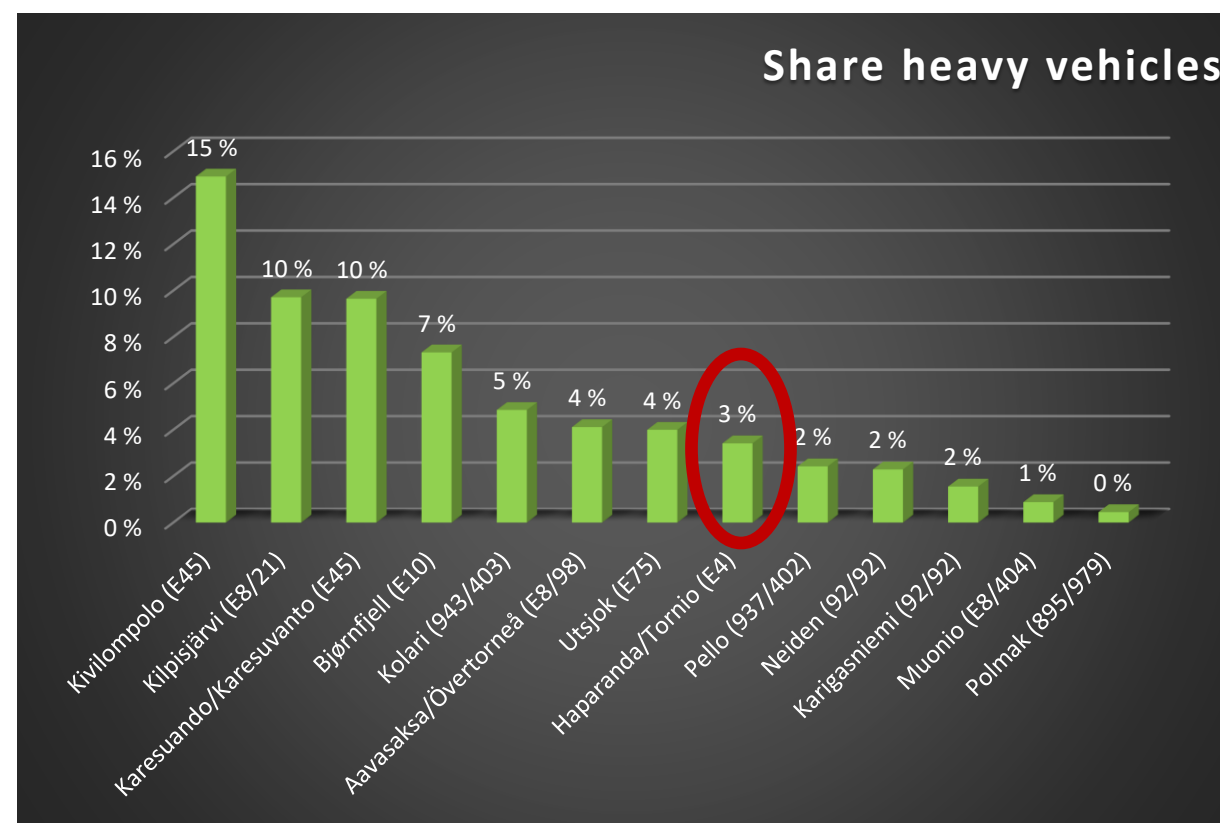
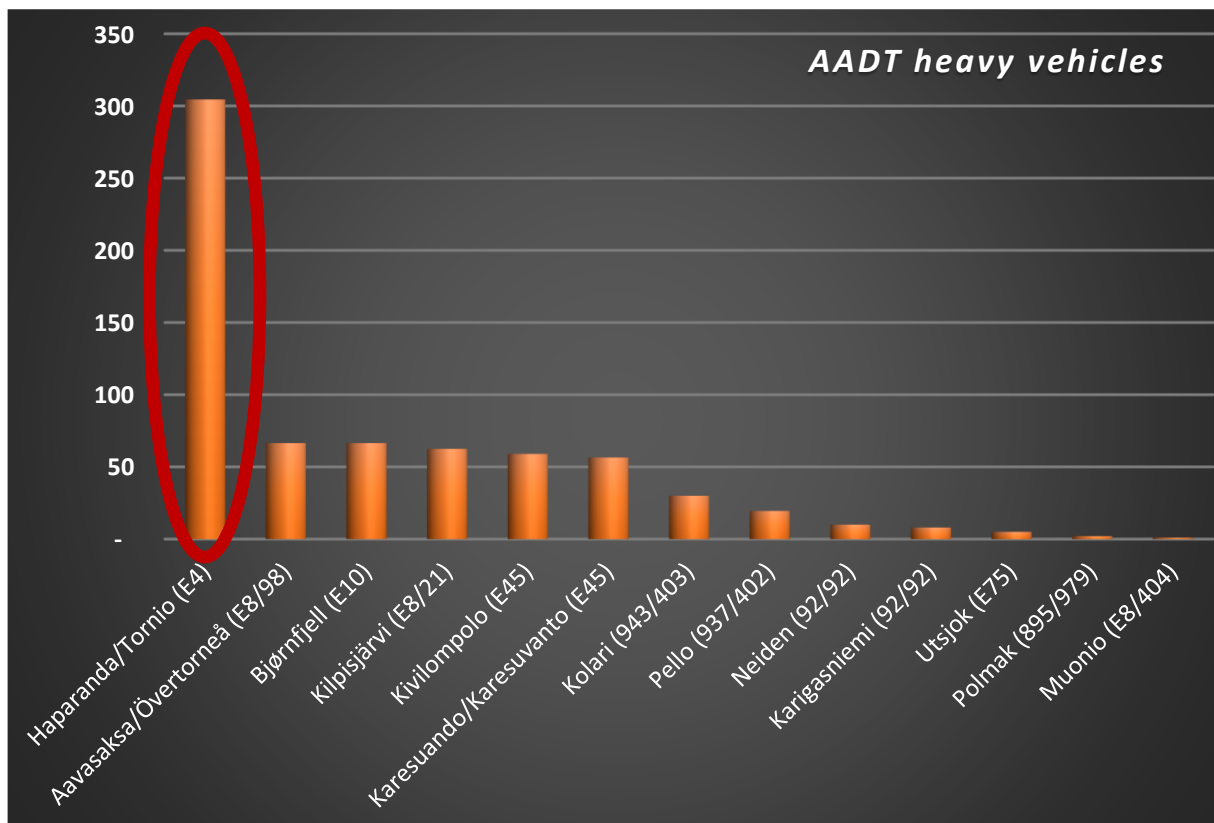
Swedish figures Bjørnfjell) may include transports to ICA, hotels etc + not the same year

13 BORDER CROSSINGS — 6 ALONG THE SELECTED CORRIDORS



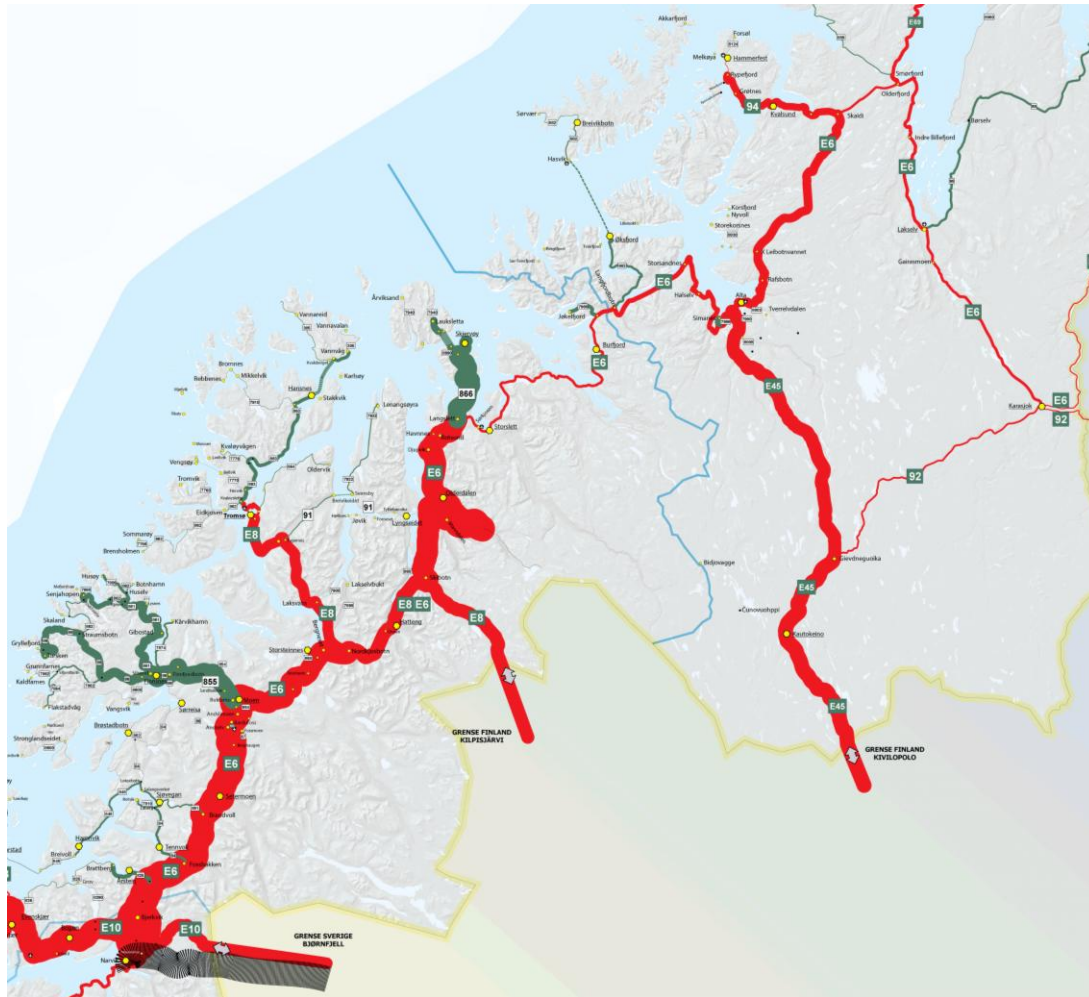
Nuorgam (Polmak)	Norway/Finland		
Näätämö (Neiden)	Norway/Finland		
Utsjoki	Norway/Finland		
Karigasniemi	Norway/Finland		
Kilpisjärvi	Norway/Finland		
Kivilompolo	Norway/Finland		
Karesuvanto (Karesuando)	Finland/Sweden		
Bjørnfjell	Norway/Sweden		
Muonio	Finland/Sweden		
Kolari	Finland/Sweden		
Pello	Finland/Sweden		
Aavasaksa (Overtorneå)	Finland/Sweden		
Haparanda/Tornio	Finland/Sweden		

PRELIMINARY EXAMPLE: HEAVY VEHICLES AND BORDER CROSSINGS (AVERAGE OF TWO SECONDARY SOURCES)



PRESENTATION FORM – MAPS

EXAMPLE NORTHERN NORWAY



MAP TO BE USED IN THE PROJECT



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TO BE DONE
PRIOR TO
OCTOBER 2024

FIND RELIABLE TRANSPORT DATA (QUANTIFIED FIGURES) ON IMPORTANT ROAD SECTIONS AND BORDER CROSSINGS:

- **CHECKING PUBLIC STATISTICS: NUMBER OF HEAVY VEHICLES ALONG SPECIFIC ROADS (2023 FIGURES AND SAME VEHICLE GROUPS/METHOD)**
- **CONTINUE WITH INTERVIEWS, AND IDENTIFY:**
 - WHICH INDUSTRIES USES THE ROADS SECTIONS (EG. SEAFOOD, MINERALS, FORESTS, WASTE, ETC.)
 - WHICH INDUSTRIES HAVE TRANSPORTS CROSSING NATIONAL BORDERS

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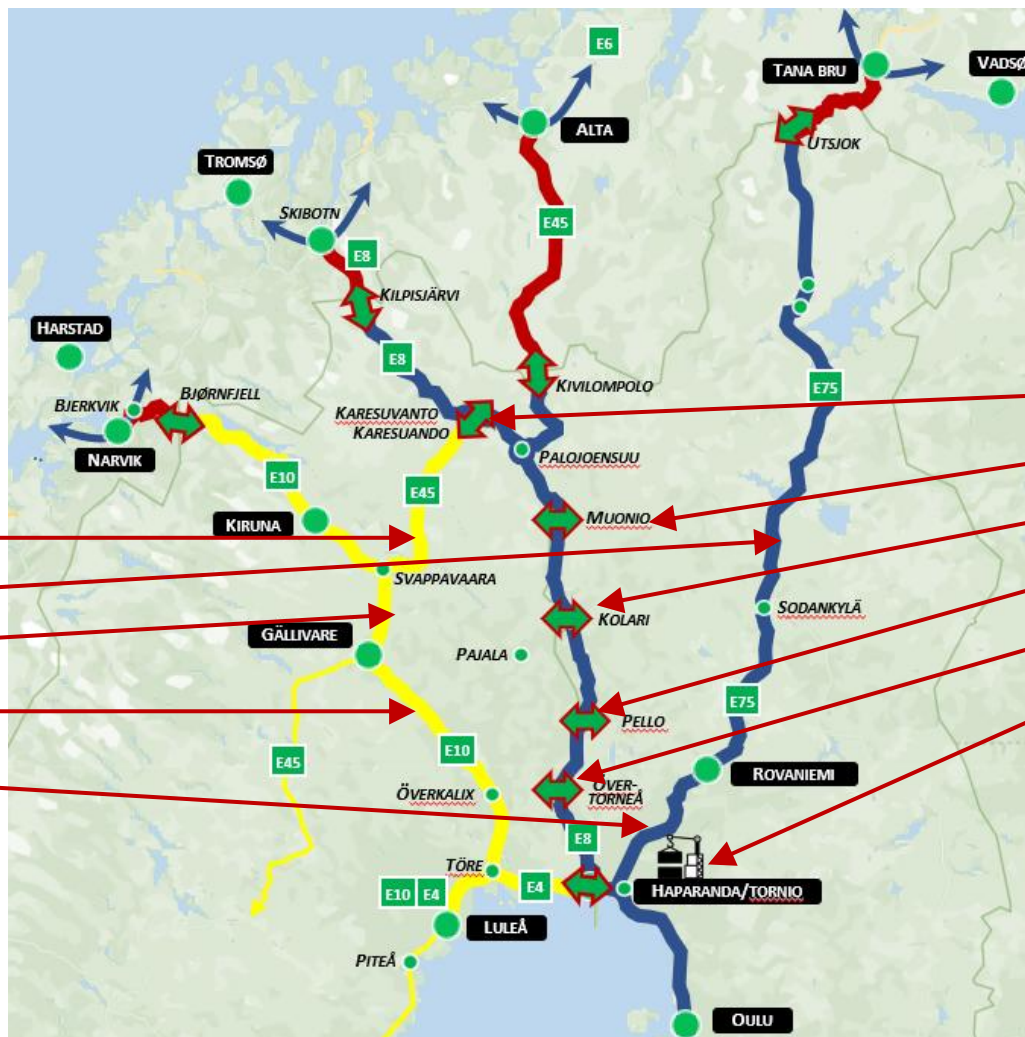


Our short time “interview guide” - information requirements

Which industries use the roads in Sweden and Finland (eg. minerals, forests, waste, groceries etc.) ?

Especially:

- *Karesuando-Svappavaara*
- *North of Rovaniemi in Finland*
- *Palojoensuu-Tornio*
- *Kiruna-Töre*
- *Tornio-Rovaniemi*
- *Other roads....*



Which industries have transports crossing national borders ?

Especially:

- *Karesuando*
- *Muonio*
- *Kolari*
- *Pello*
- *Övertorneå*
- *Haparanda/Tornio*
- *Other border crossings....*

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THANK YOU FOR YOUR ATTENTION



Veglo AS and Kurth OY trucks at Kilpisjärvi, May 7. 2024 (Photo: Transportutvikling AS)

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