

Capitalising on TEN-T core network corridors for prosperity, growth and cohesion



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Blueprints and Implementation Plans

Content

- Foreword
- Development of Multimodality
- “Corridor 6” pilot in North Karelia
- Kouvola as a hub co-operation
- New Road Transport Methods
- Gasification as a Environmental Solution
- Joensuu Airport as a Gateway
- Implementation

Foreword

- These Blueprints are based on interaction with the Stakeholders, which was conducted in a form of two **idea laboratories**.
- Planning of idea laboratories started in a joint meeting between PP3 and PP4 in Lahti in March 2017. The project partners decided to organise two idea laboratories (workshops) in a similar format during 2017.
- Electronic surveys were designed and drafted to collect feedback from idea laboratory participants. Links to the electronic surveys were added to the workshop invitation and participants were encouraged to share their views prior to the idea laboratory.
- The first idea laboratory took place in 4.4.2017 in Joensuu. Due to challenges in schedule of invited speakers the implementation of the second idea laboratory in Lahti was postponed. The successful implementation of Lahti idea laboratory took place in 2.10.2017.

“Lahti region should capitalise on existing infrastructure in neighbouring regions. The aim should be connectivity to TEN-T hubs instead of trying to establish direct links to European or global hotspots. The regions should also keep a close eye on future transport modes such self-driving cars and convoys.”

Development of Multimodality

- Multimodal connection to TEN-T network is vital for development
- **Road** (road 12 improvement, HCT - High Capacity Transport, Platooning, Autonomous trucks)
- **Rail** (Karjala rail road, Kouvola RRT hub)
- **Inland waterways** (Vuoksi waterway and Saimaa canal)
- **Activities:**
 - Road improvement
 - Further development of HCT and platooning solutions
 - Co-operation with Kouvola RRT hub
 - Increase share of intermodal units in transportation.
 - Lengthening Saimaa locks for larger vessels



“Corridor no 6” pilot in North Karelia

- A development plan to increase connectivity to TEN-T core network
- Several desired activities in the region aimed at increasing connectivity in North Karelia
 - How these activities have been achieved from the TEN-T core network point of view
 - Relying on TEN-T methodology as well as wider collaboration amongst the core network and the regions within its sphere of influence
 - Priorisation of TEN-T connectivity development, aiming at best possible impact on investments (price/effectiveness)
 - Paying attention to TEN-T core network criteria and development schedule
- The pilot brings together transport modes from the outskirts of the region towards the core network in a corridor resembling manner in North Karelia
- Transport modes included in the pilot are main transport routes, nodes and connections from North Karelia to the TEN-T core network

Kouvola as a HUB: Introduction

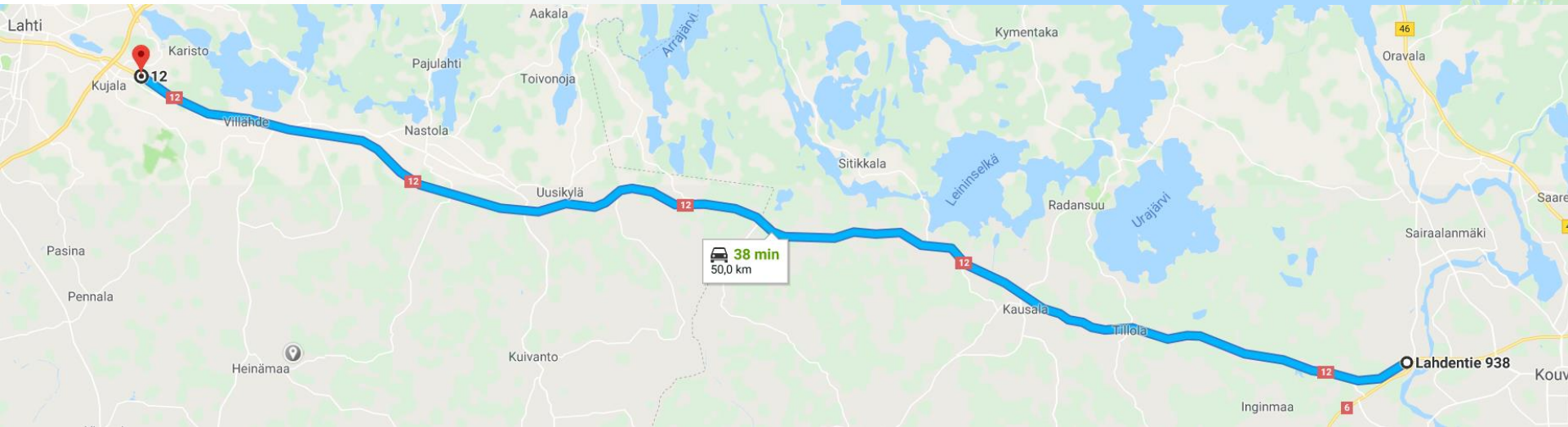
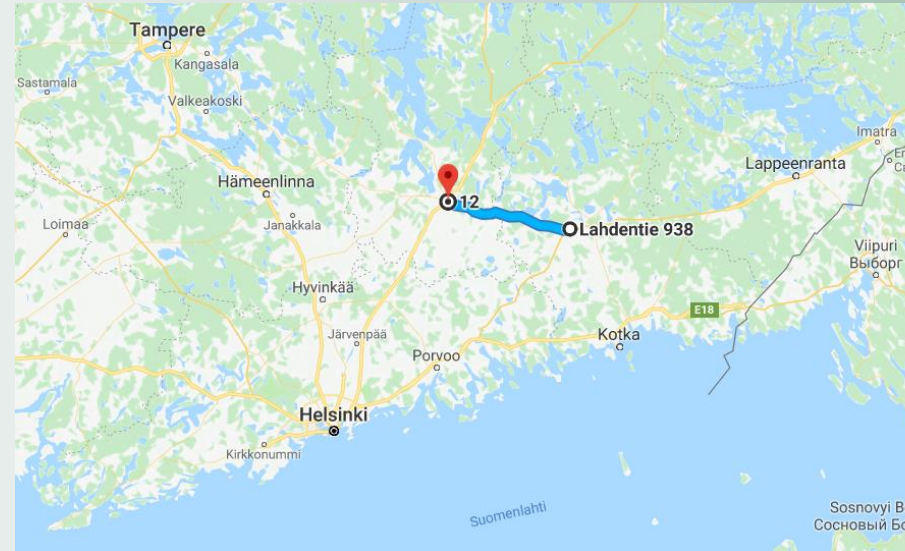
- Kouvola is a natural HUB with remarkable transport connections: railway and road to ports, Russia and China.
- Traditionally local municipalities in Finland have been competing with each other in order to attract investments. This has led to development of rather small logistics centres and projects which are not proceeding.
- LADEC and North Karelia are now taking an advantageous step strengthening local partnership for removing logistical bottlenecks.
- Plans for intermodal rail traffic between Kouvola and China:
 - Traffic at start once per two weeks
 - Target to increase traffic to once per week then once per day and ultimately three per day



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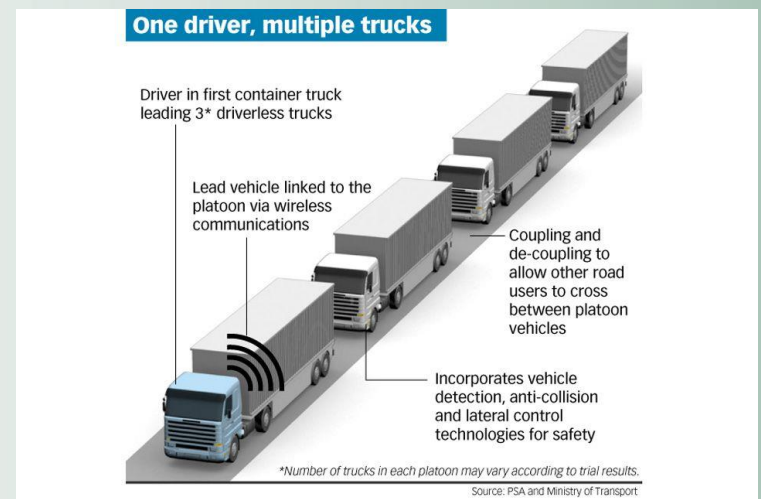
Kouvola as a HUB: Plan

- Activities:
 - Fundamental improvement of road no. 12 between Lahti and Kouvola is important due to bad conditions and cross roads. HCT and truck platooning will also be considered in the future. Impact analyses will be prepared.
 - Meeting with stakeholders (planned)



New Road Transport Methods

- **HCT (High Capacity Transport)** trucks are in use in Finland. These trucks are up to 33 meters long. Finland is sparsely populated and HCT provides cost efficient transport to rural areas. (total weight 76 to 84 tonnes)
- **Platooning** is a term for describing different solutions where one driver are steering multiple trucks with electronic means.
- **Autonomous trucks** have been tested. It is expected that some kind of practical solutions will be in use in the future.
- Infrastructure should be developed in order to allow usage of new technologies. More economical transport improves competitiveness in rural areas.



<https://rctom.hbs.org/submission/the-european-truck-platooning-challenge-transforming-europes-road-transport-on-autopilot/>

Gasification as a Environmental Solution

- North Karelia intends to become a Carbon Neutral region in the future. Carbon dioxide emissions resulting from traffic are a major problem for the environment as well as the brand - “Fossil oil free North Karelia” - of the region. The North Karelian railway, highway 6 and the Saimaa deep fairway are the main routes for export and import transport.
- Action Plan:
 - A strategy paper will be prepared within the TENTacle project in order to reduce emissions on these transport routes. The strategy paper will guide development together with ongoing work to prepare the long-term (until 2040) regional land use plan of the North Karelia region.



Joensuu Airport as a Gateway

- More all-season scheduled flights and larger planes for the Joensuu – Helsinki route could provide better grounds for improving air freight services.
- Action Plan:
 - Larger planes and more frequent services can be obtained by improving demand. This is achieved tourism, particularly with co-marketing with the theme “Lakeland”. This will provide a new year-around stop over destination for Asian tourist.



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Implementation

- Parliamentary Breakfast Autumn 2018
- Marketing
- Co-operation with stakeholders
- Preparing effective lobbying strategy

- Impact analyse and preliminary planning of the road 12
- Co-operation between regions; not competing but developing together



The logo graphic for TENTacle features stylized tentacles. On the left, there are green tentacles with small white dots along their length. On the right, there are black tentacles with small white dots. The word "TENTacle" is written in a bold, green, sans-serif font, with "TENT" in all caps and "acle" in lowercase. The background is a light green gradient.

TENTacle

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