



NyeVeier

The logo consists of a large, stylized teal letter 'N' followed by the words 'NyeVeier'. The 'N' is composed of two thick, slightly curved teal lines forming a bold, modern 'N'. To the right of the 'N', the word 'Nye' is written in a red sans-serif font, and 'Veier' is written in a teal sans-serif font, positioned directly below 'Nye'.

# E18 Langangen-Grimstad

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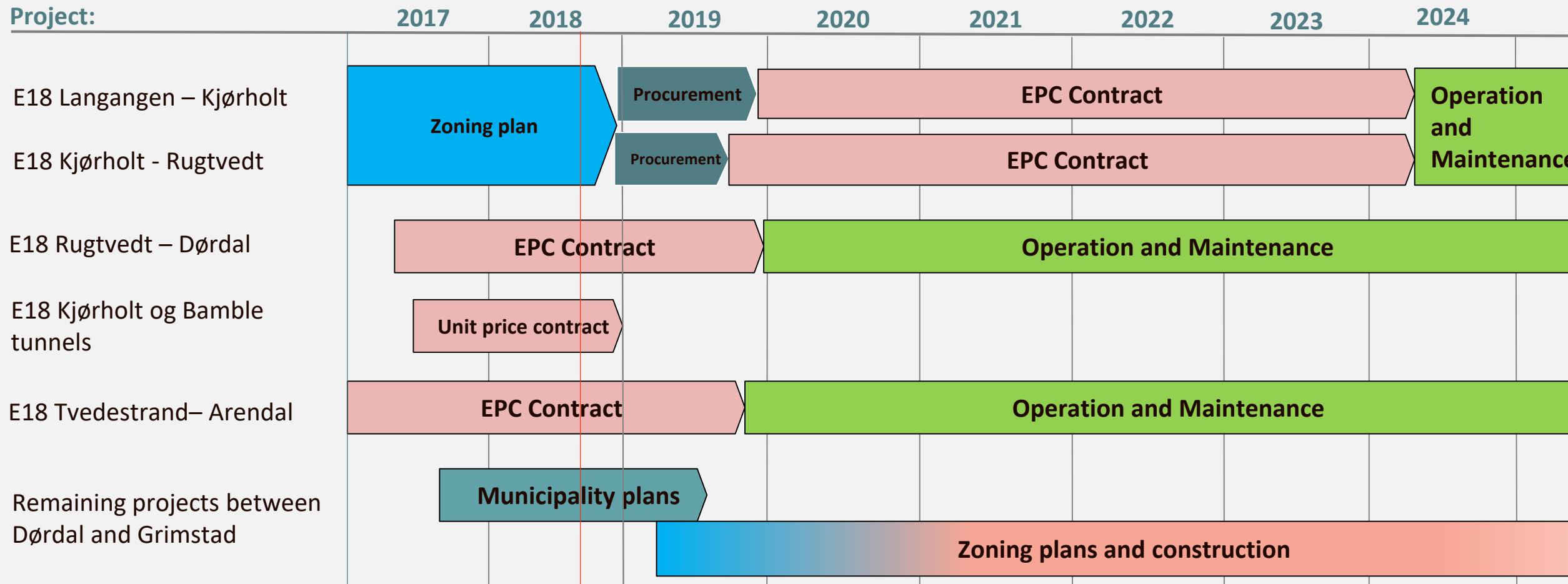
*Supplier Conference 12. september 2018*

*Magne Ramlo, Project Director E18 Langangen-Grimstad*

# Project status E18 Langangen - Grimstad



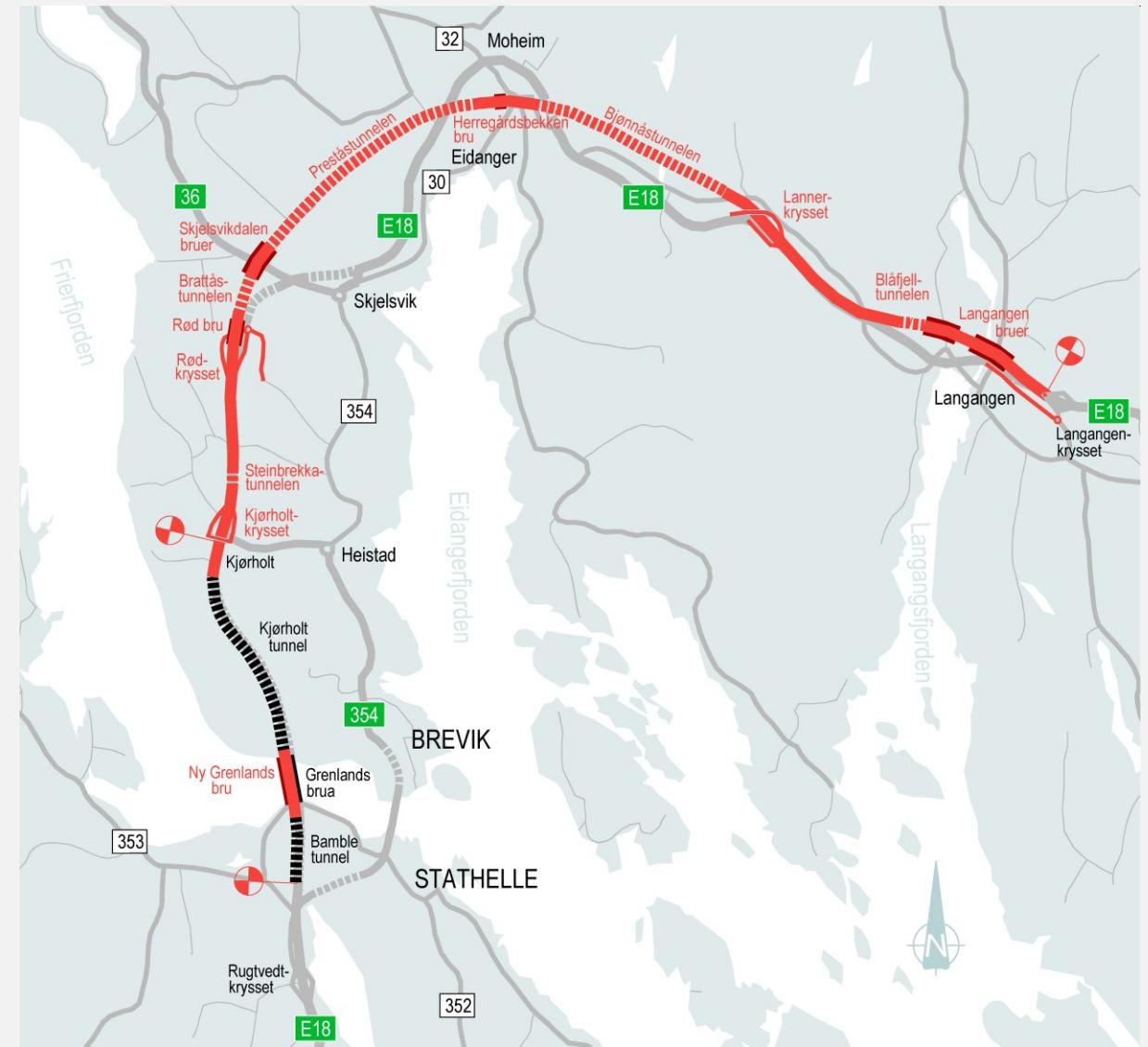
# Project portfolio E18 Langangen - Grimstad



# Contract Strategy E18 Langangen-Rugtvedt



- 2 contracts:
  - E18 Langangen - Kjørholt 13.2 km
    - New 4 lane highway incl. several bridges and tunnels
  - E18 Kjørholt - Rugtvedt 3.5 km
    - Completion and installation works for two tunnels already excavated and secured
    - Construction of the new Grenland bridge
- EPC contracts based on NS8407
- Tender and procurement process based on the «Best Value Procurement» method
- Tender documents to be issued Q4 2018
- E18 Kjørholt - Rugtvedt to be entered into first
- For E18 Langangen -Kjørholt it might be an option to include remaining works for completion of the zoning plan

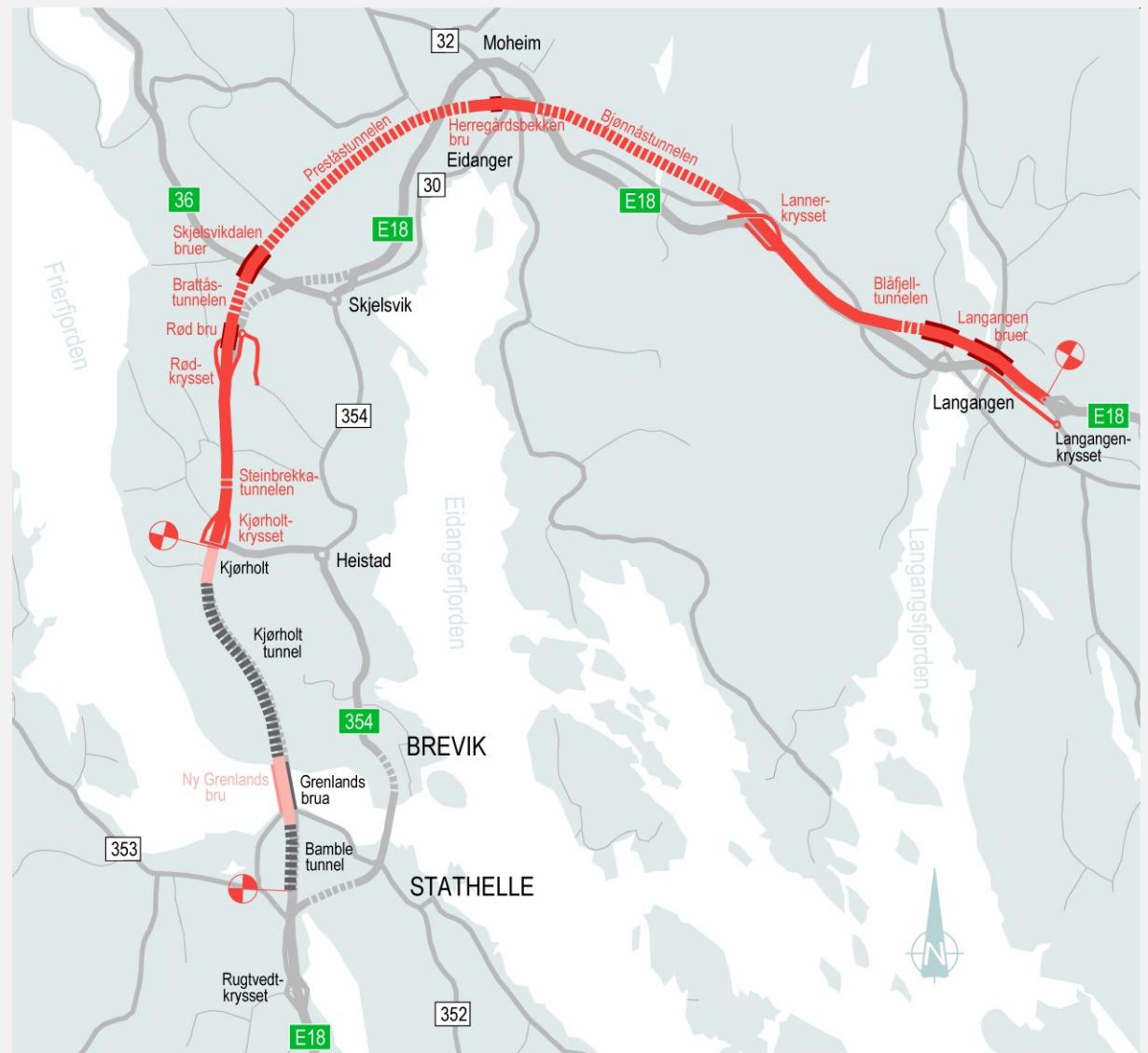


# Contract 1: E18 Langangen - Kjørholt



- Roadworks ca. 6 000 m
- Tunnels (two in parallel except for Steinbrekka):
  - Blåfjell ca. 350 m
  - Bjønnås ca. 2 250 m
  - Prestås ca. 2 900 m
  - Brattås ca. 400 m
  - Steinbrekka ca. 200 m
- Bridges:
  - Langangen 1 ca. 400 m
  - Langangen 2 ca. 250 m
  - Herregårdsbekken ca. 55 m
  - Skjelsvikdalen \*) ca. 205 m
  - Rød ca. 200 m
- 3 intersections at Lanner, Rød and Kjørholt

\*) Cut & cover tunnel as an option



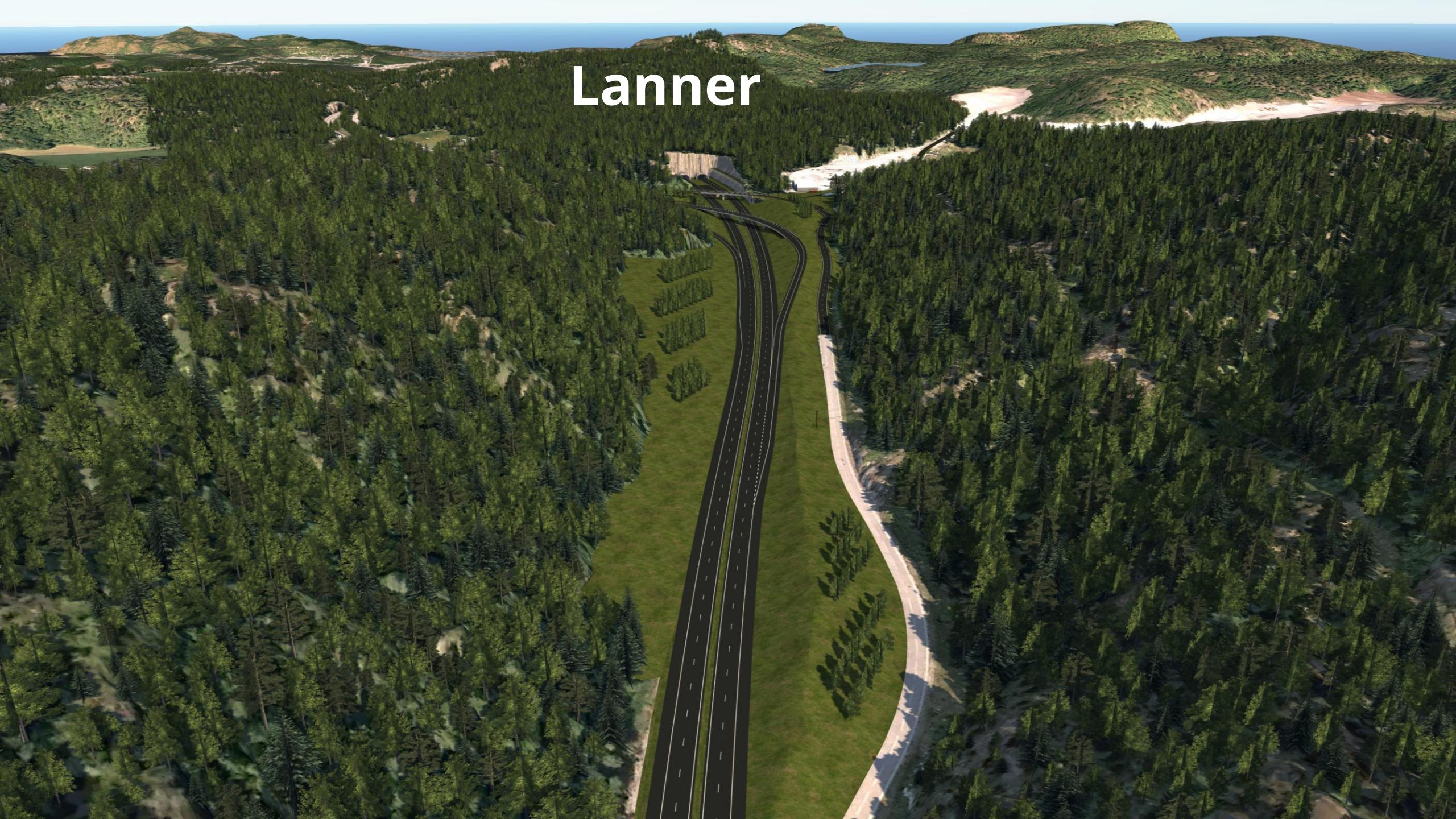
Reguleringsplan 100%  
**Langangen**



RAMBOLL

N NyeVeier

asplan viak

An aerial photograph of a winding highway through a dense forest. The highway has multiple lanes in one direction and a single lane in the other, separated by a dashed line. It curves through a valley, flanked by tall evergreen trees. In the distance, a large concrete tunnel entrance is visible. The surrounding terrain is rugged with hills and mountains. The sky is clear and blue.

Lanner

# Herregåardsbekken



# Skjelsvikdalen





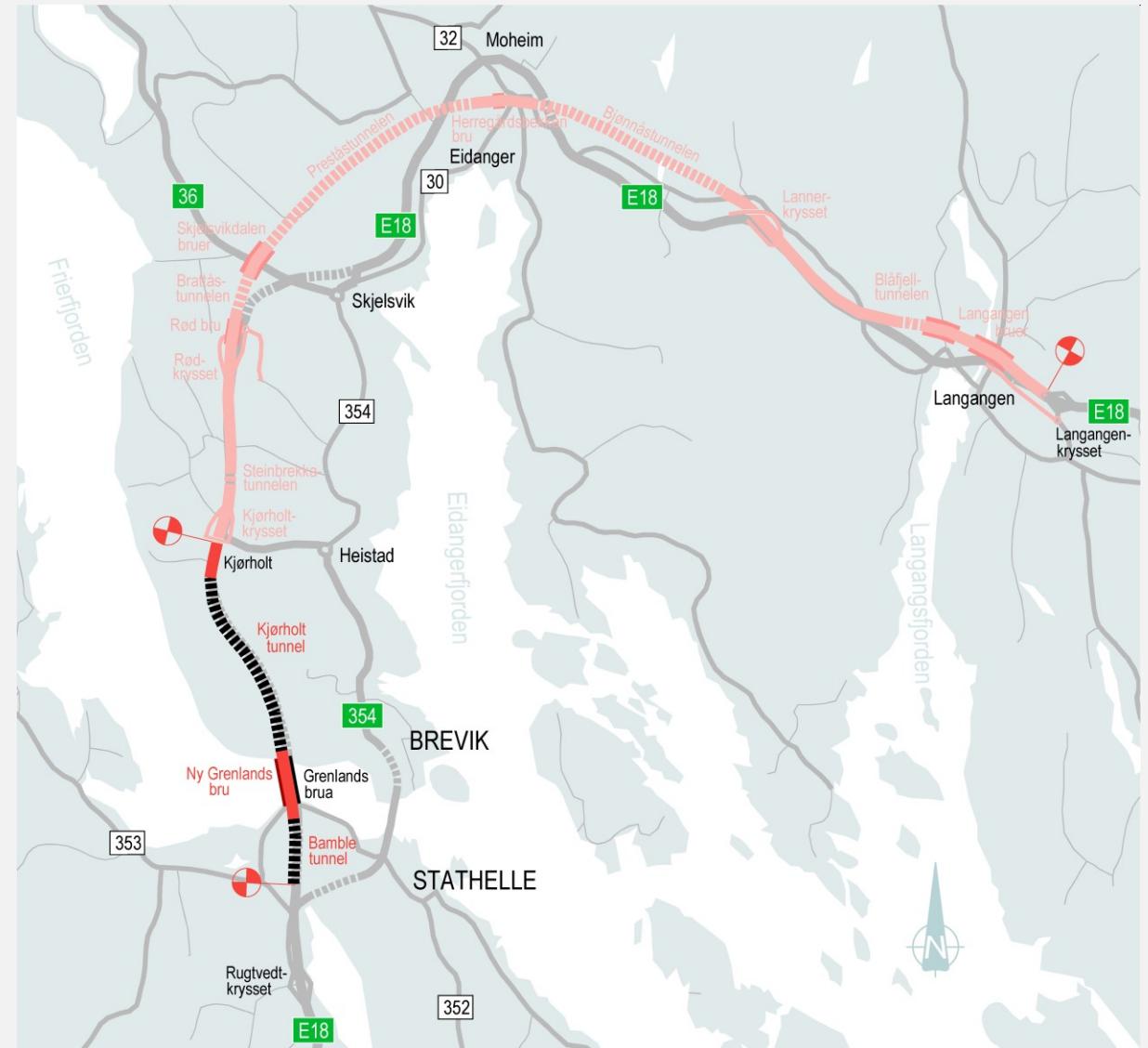
Rød

An aerial photograph of the Kjørholt area in Norway. The image shows a large forested hillside on the right, with a road winding down its side. In the foreground, there is a mix of residential areas with houses and streets, and industrial or commercial buildings with red roofs. In the background, across a body of water, another town or industrial complex is visible.

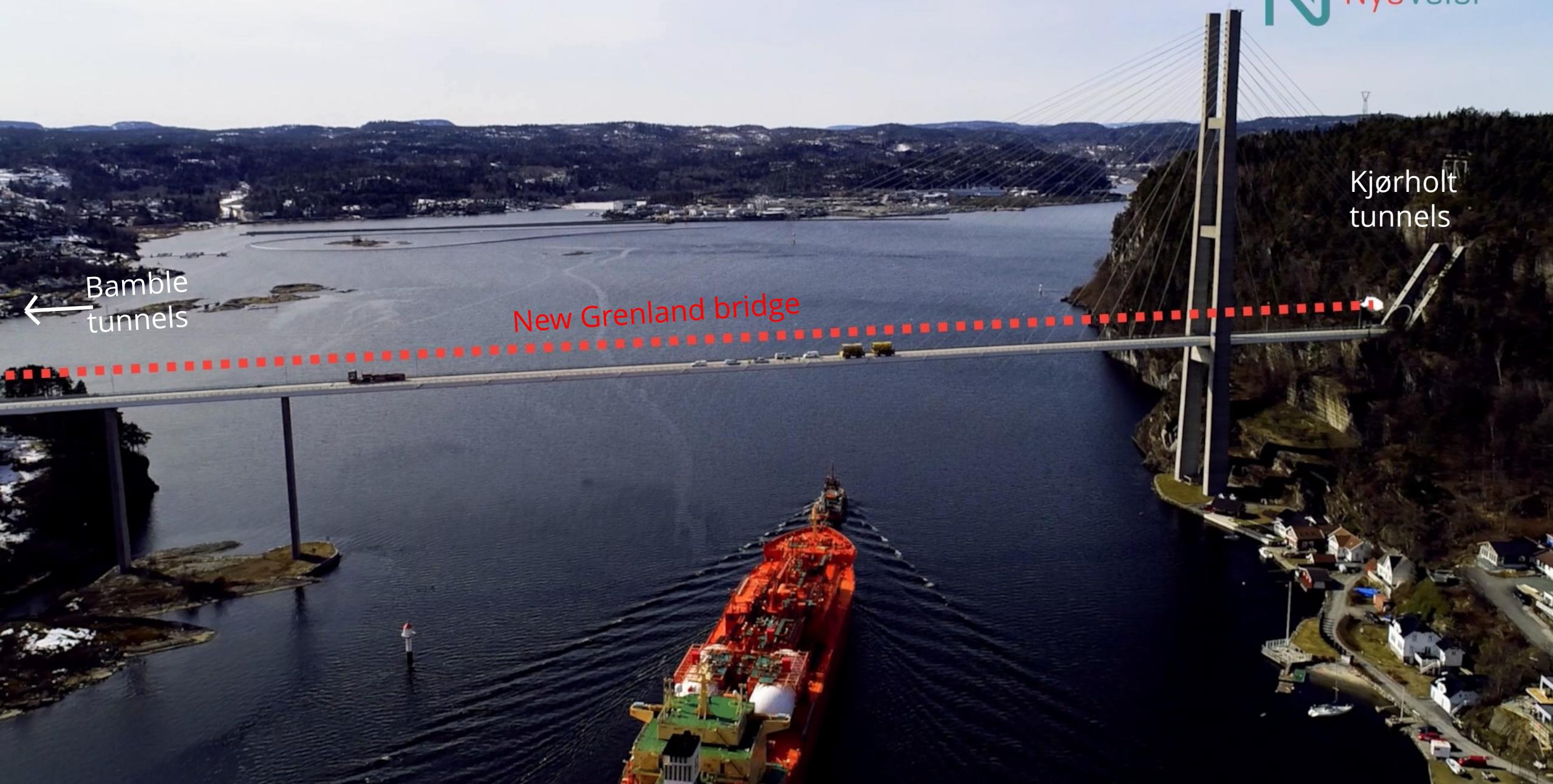
Kjørholt

# Contract 2: E18 Kjørholt - Rugtvedt

- New Grenland bridge      ca. 600m
- Completion and installation works for newly excavated tunnels:
  - Kjørholt tunnel            ca. 2 200m
  - Bamble tunnel            ca. 750 m



New Grenland bridge to be constructed west of the existing bridge



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# Grenland bridge



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# Kjørholt tunnels – southern openings



# New Bamble tunnel – northern opening

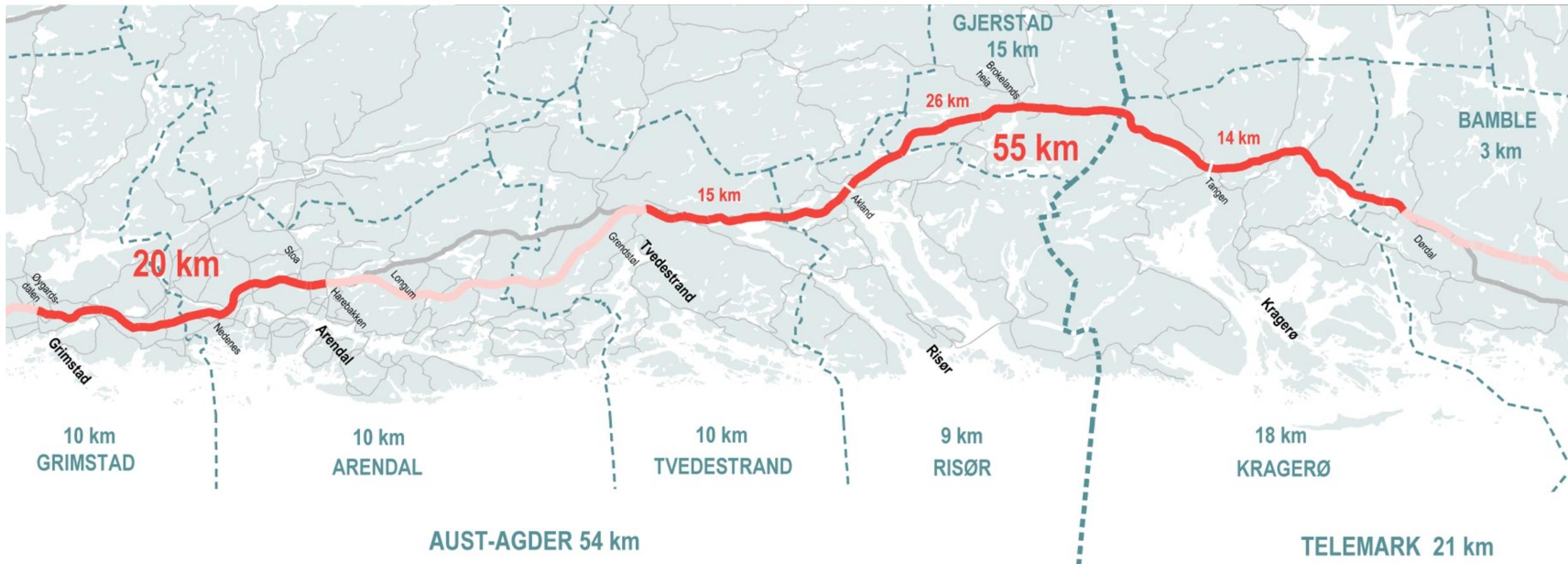


# Bamble tunnels – southern openings



# E18 Dørdal-Grimstad – Municipality plans ongoing

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# E18 Dørdal-Grimstad – possible construction start in 2020 N

