



NyeVeier

# E18 Langangen-Grimstad

---

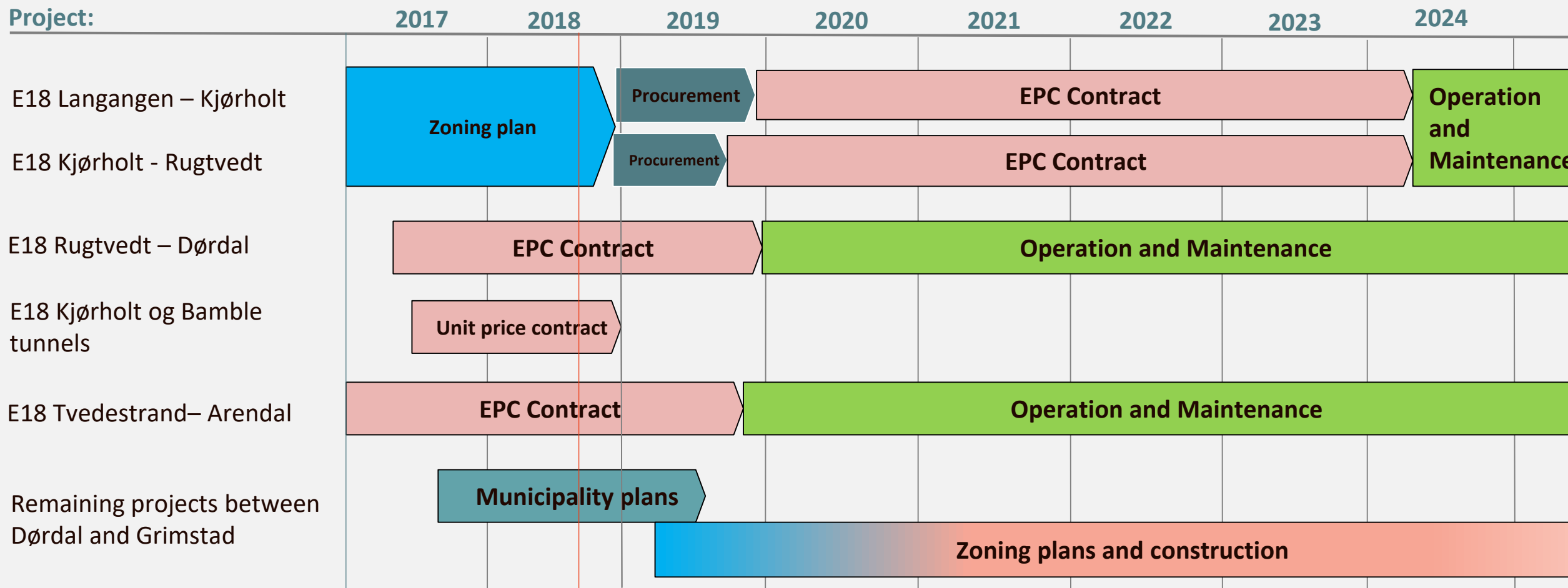
*Supplier Conference 12. september 2018*

*Magne Ramlo, Project Director E18 Langangen-Grimstad*

# Project status E18 Langangen - Grimstad



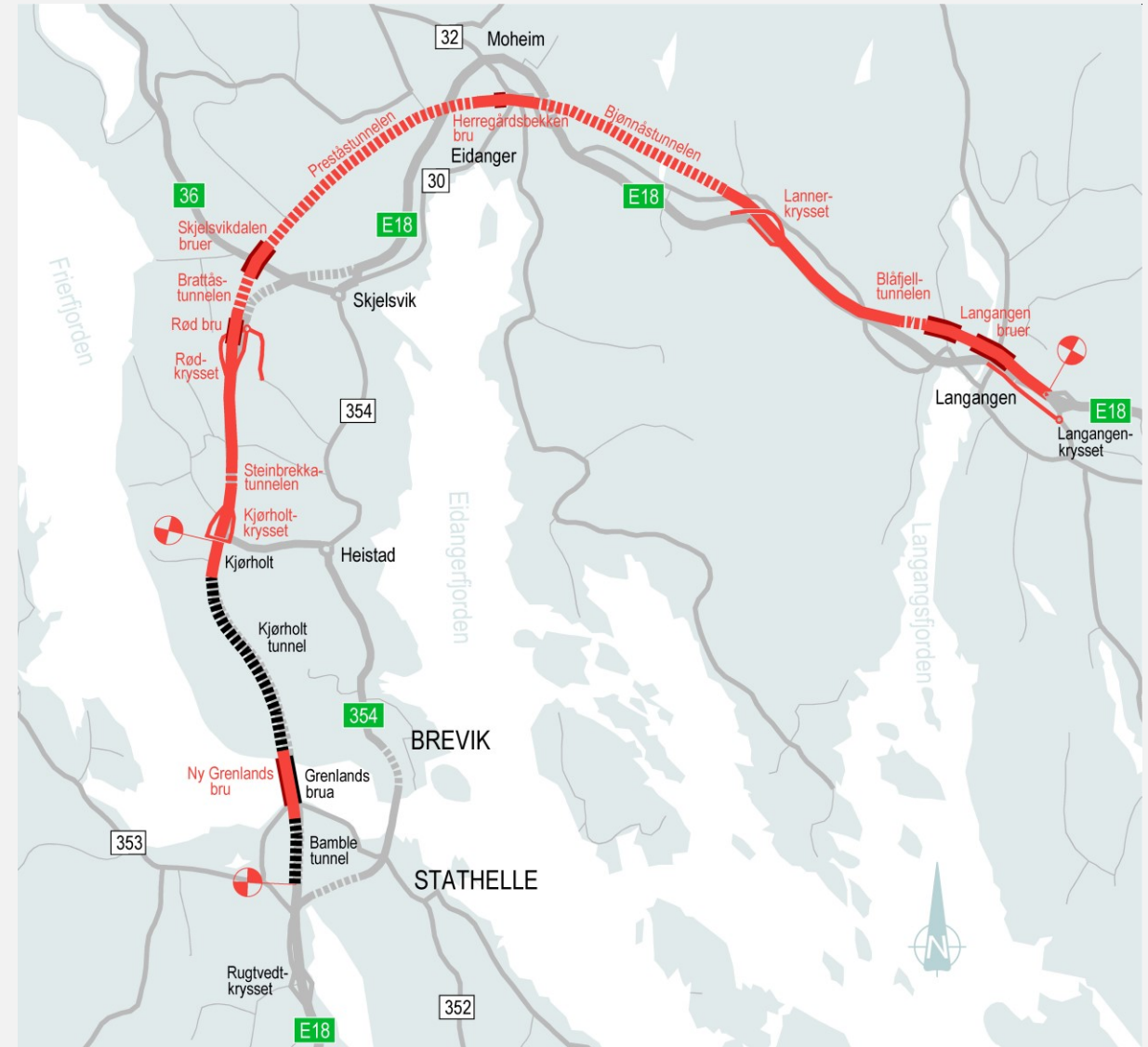
# Project portfolio E18 Langangen - Grimstad



# 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

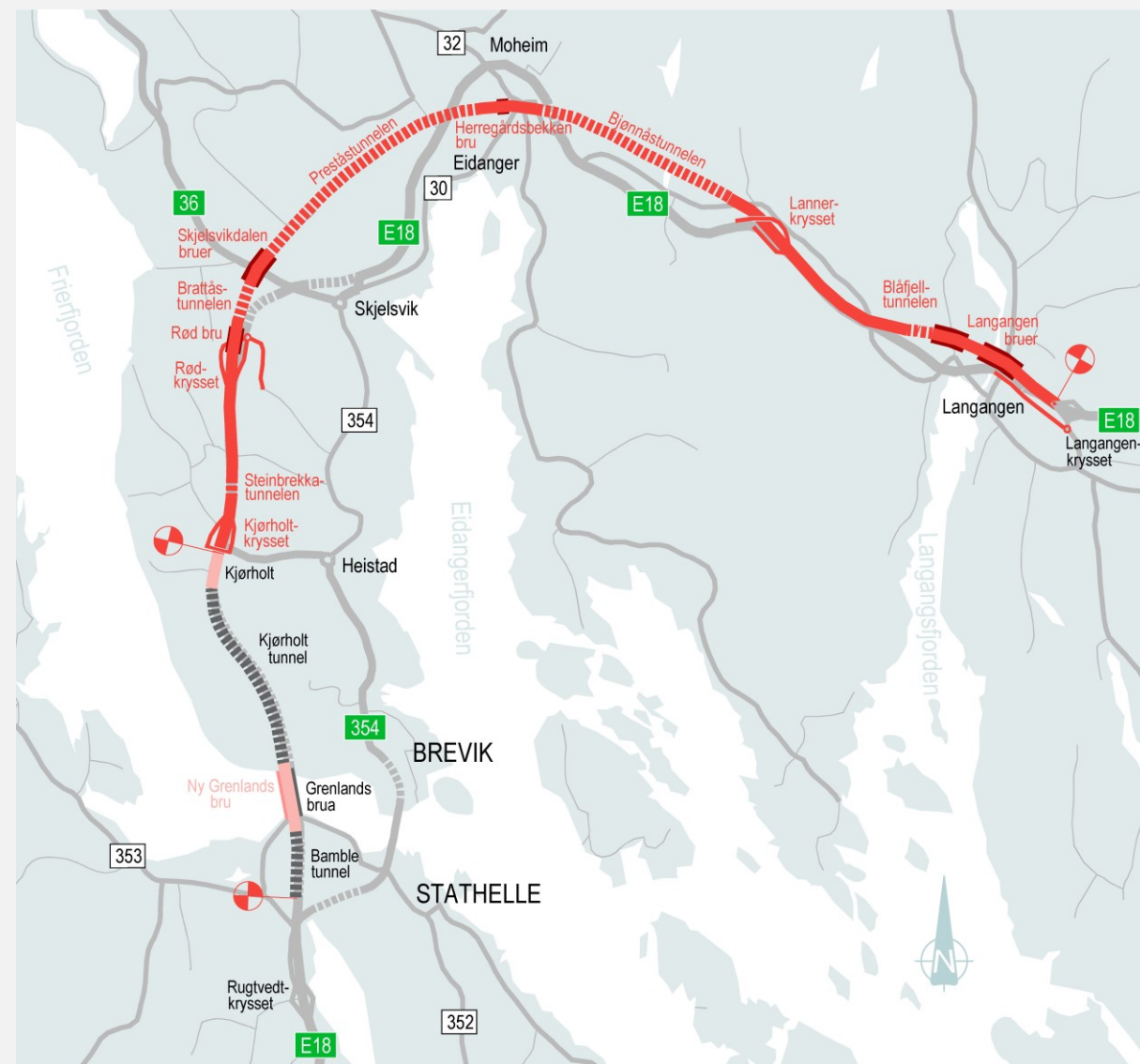


# Contract 1: E18 Langangen - Kjørholt



- 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

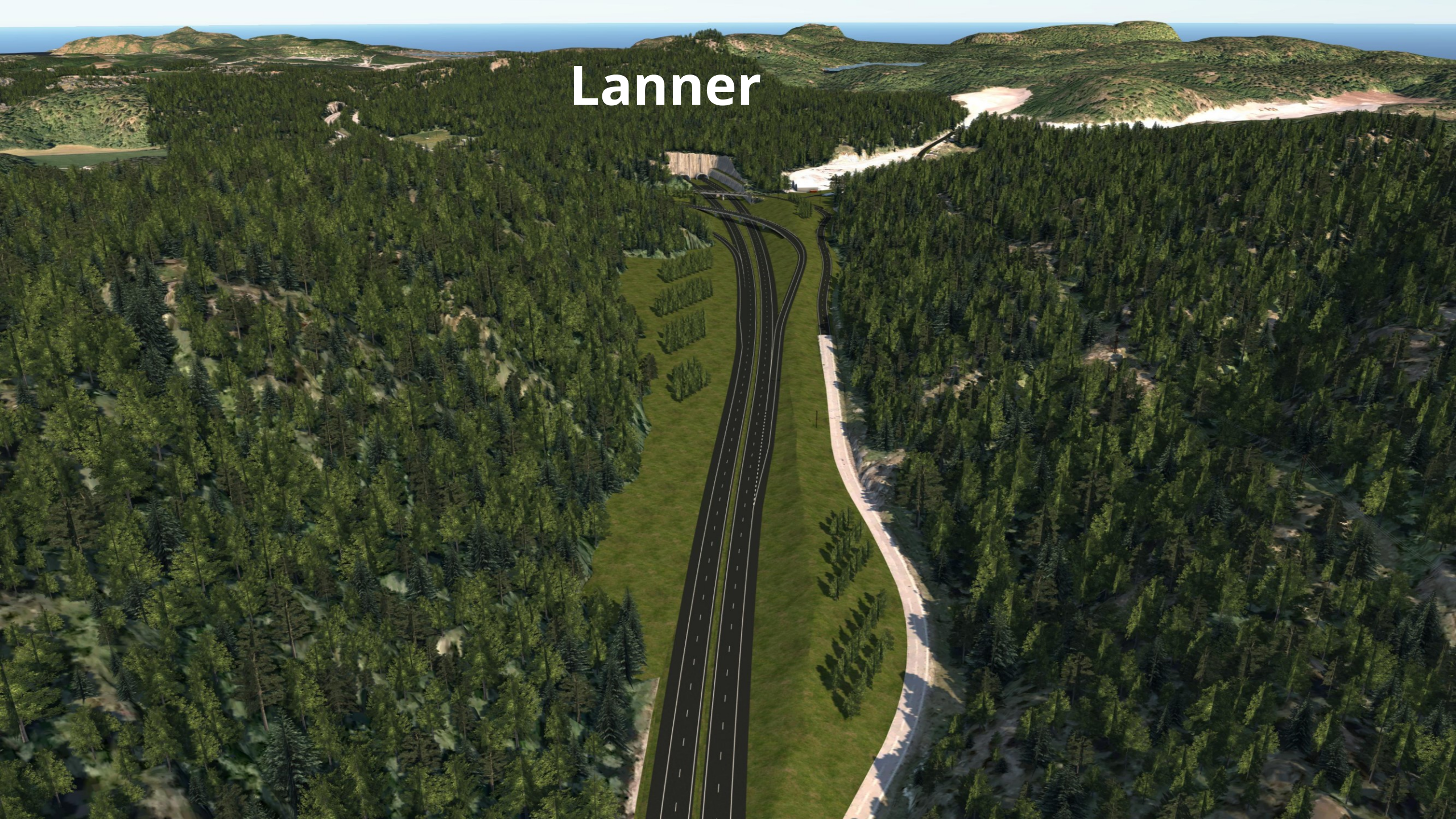
\*) Cut & cover tunnel as an option



Reguleringsplan 100%

# Langangen

# Lanner





# Herregårdsbekken



# Skjelsvikdalen



Rød



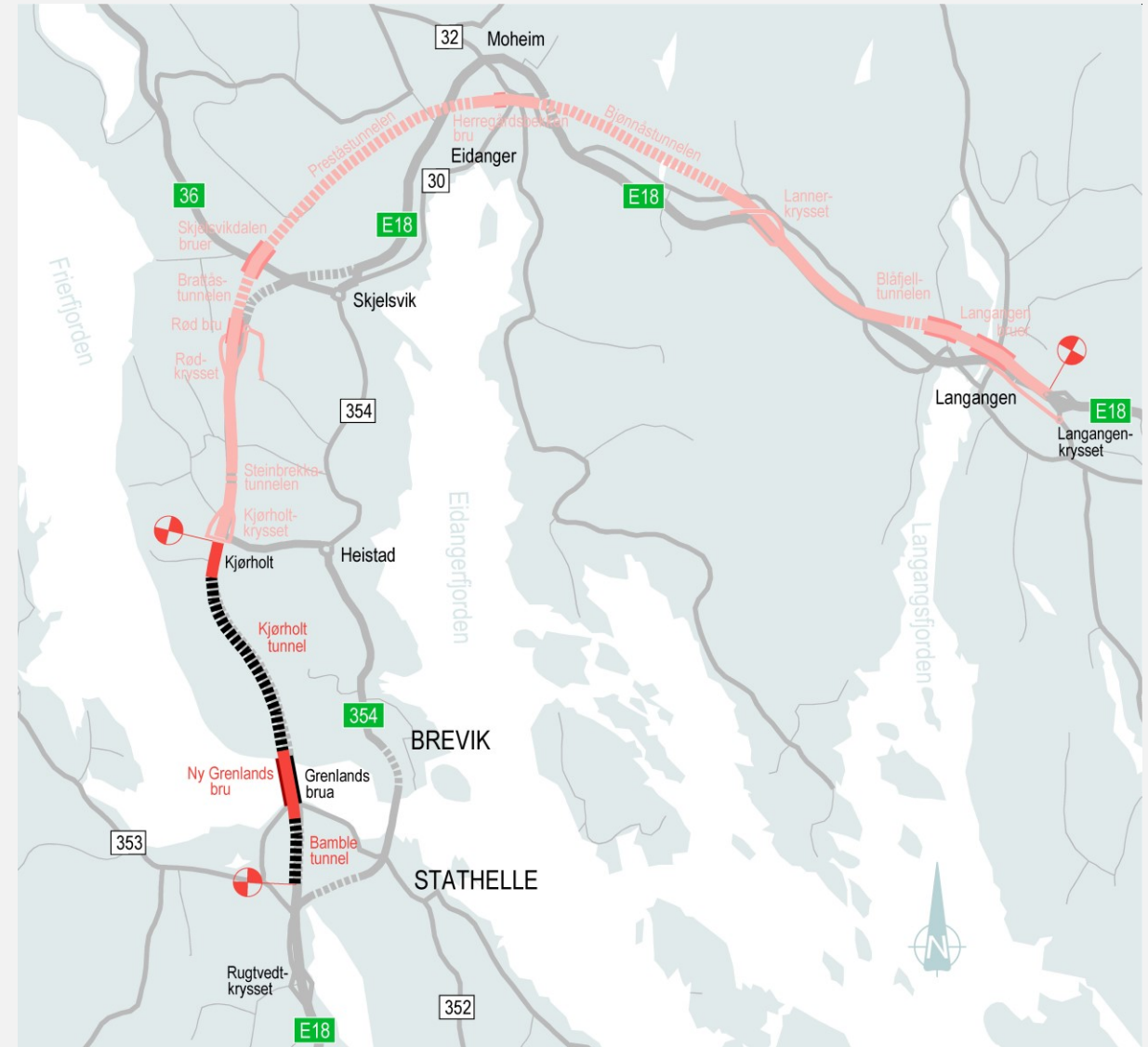
# Kjørholt



# 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



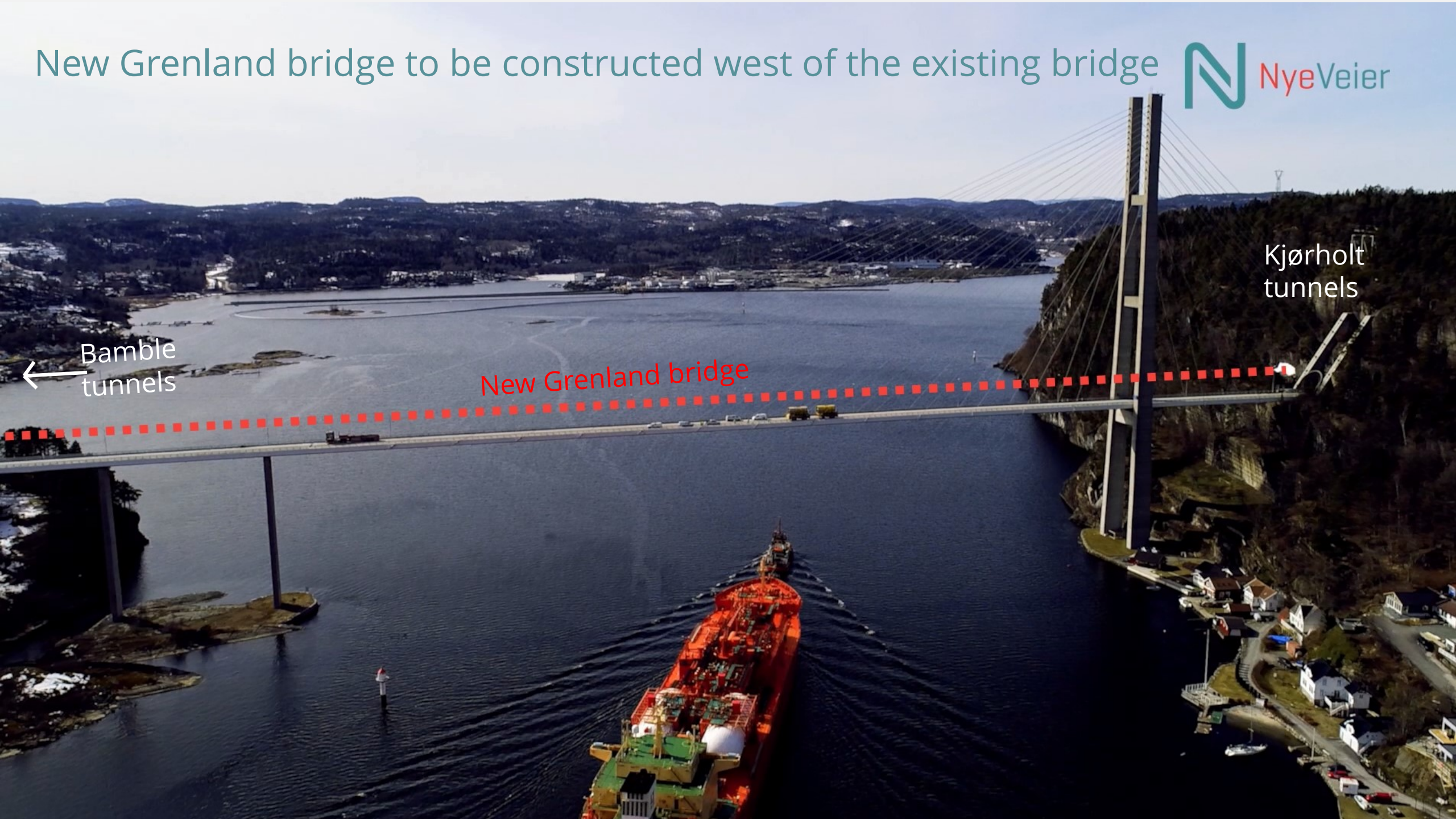
New Grenland bridge to be constructed west of the existing bridge



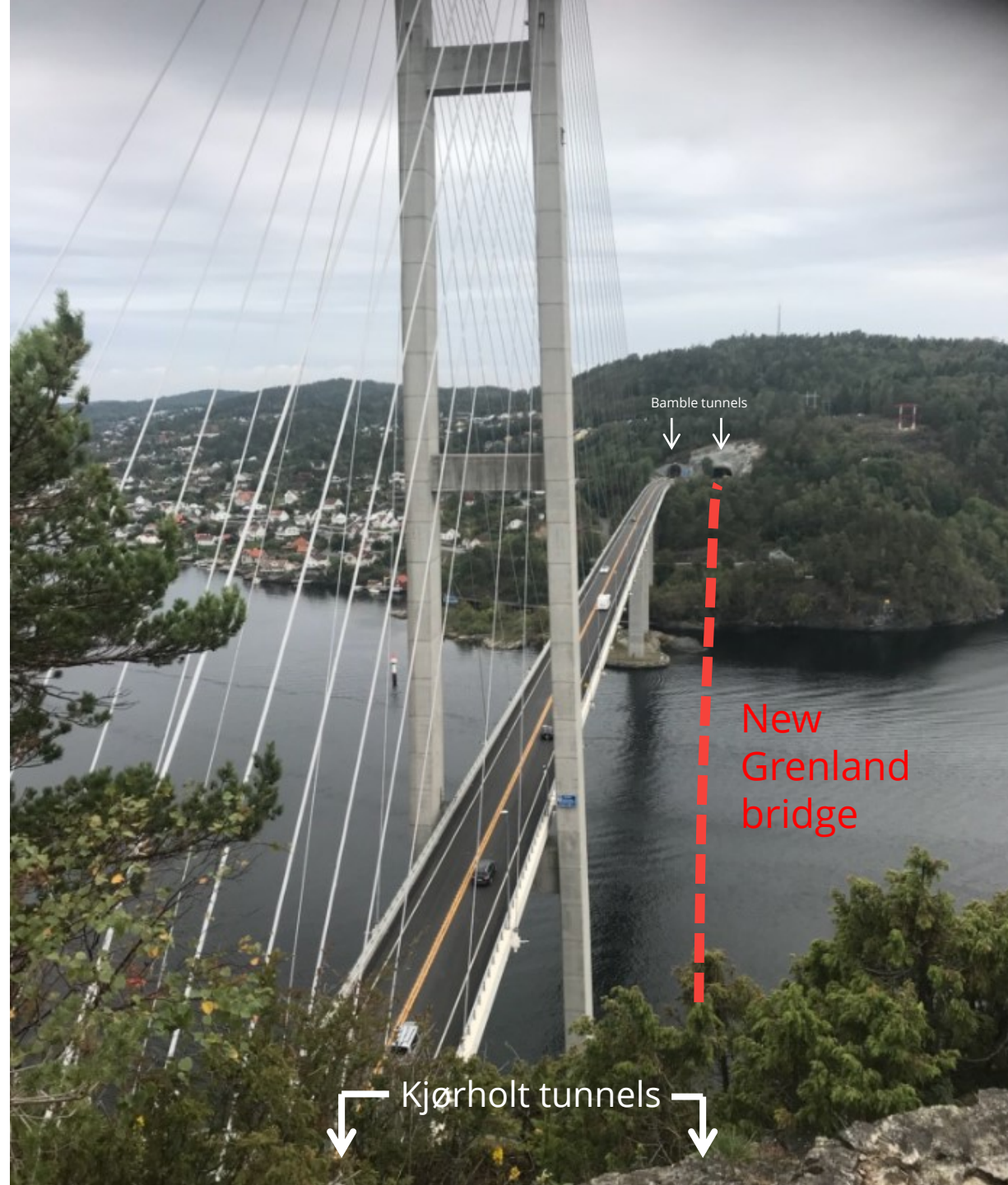
Bamble tunnels  
←

New Grenland bridge

Kjørholt tunnels



# Grenland bridge



# Kjørholt tunnels – southern openings



New  
Kjørholt  
tunnel





# New Bamble tunnel – northern opening



# Bamble tunnels – southern openings



# E18 Dørdal-Grimstad – Municipality plans ongoing



# E18 Dørdal-Grimstad – possible construction start in 2020 <sup>N</sup>

