



NyeVeier

E18 Langangen-Grimstad

Supplier Conference 10 October 2019

Magne Ramlo, project director E18 Langangen-Grimstad

Attending from Nye Veier today – who we are



Magne Ramlo, Project Director
E18 Langangen-Grimstad



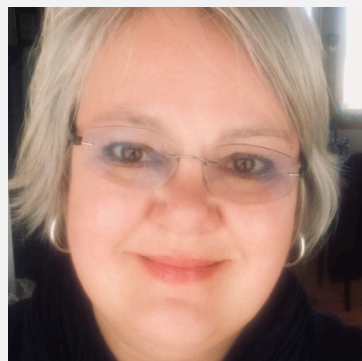
Morten Lossius, Project
Manager, E18 Langangen-
Rugtvedt



Anne Kari Trøan, Dicipline leader
Tunnels, E18 Langangen-Rugtvedt



Bjørn Børseth, Head of
Procurement & Contract, HQ



Imi Vegge, Head of Communication,
E18 Langangen-Grimstad



Liv Røyneland, administrative
coordinator, E18 Langangen-Grimstad



Solfrid Førland, Project manager,
E18 Dørdal-Grimstad

Attending from Nye Veier today – who we are



Ruben Ramsland, Legal Adviser,
P&C, HQ



Hilde Kristin Steen, Management
Assistant, E18 Langangen-Grimstad



Didric Jordon, Senior Contract
Adviser, HQ



Andreas Blydt, Insurance Adviser,
HQ



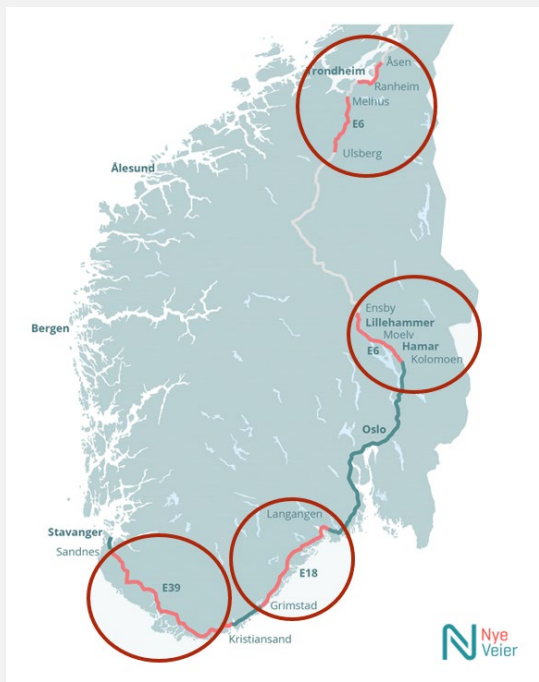
Truls Michaelsen, Adviser Early
Phase, E18



Tordis Vandeskog, Project Manager,
E18 Tvedestrand-Arendal



Stein Rune Sakshaug, Senior Adviser
HSE, E18



E18 Langangen-Grimstad



2. juli åpnet E18
Tvedestrand-Arendal 22 km

2. desember åpner E18
Rugtvedt-Dørdal 16,5 km



N NyeVeier

E18 Tvedestrand-Arendal opened on 2 July – 22km of new four-lane highway



Managing director Ingrid Dahl Hovland, Nye Veier, and Minister of transportation Jon Georg Dale

E18 Rugtvedt-Dørdal will open on 2 December

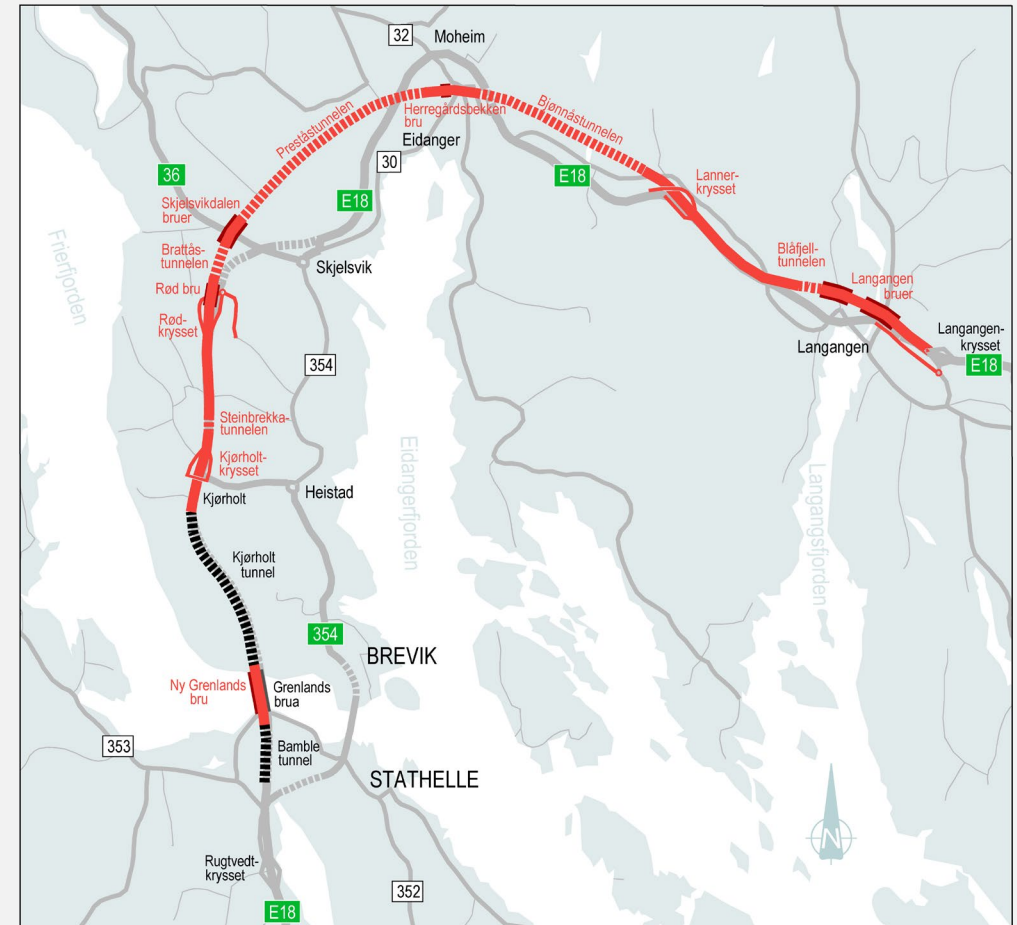


E18 Langangen-Rugtvedt

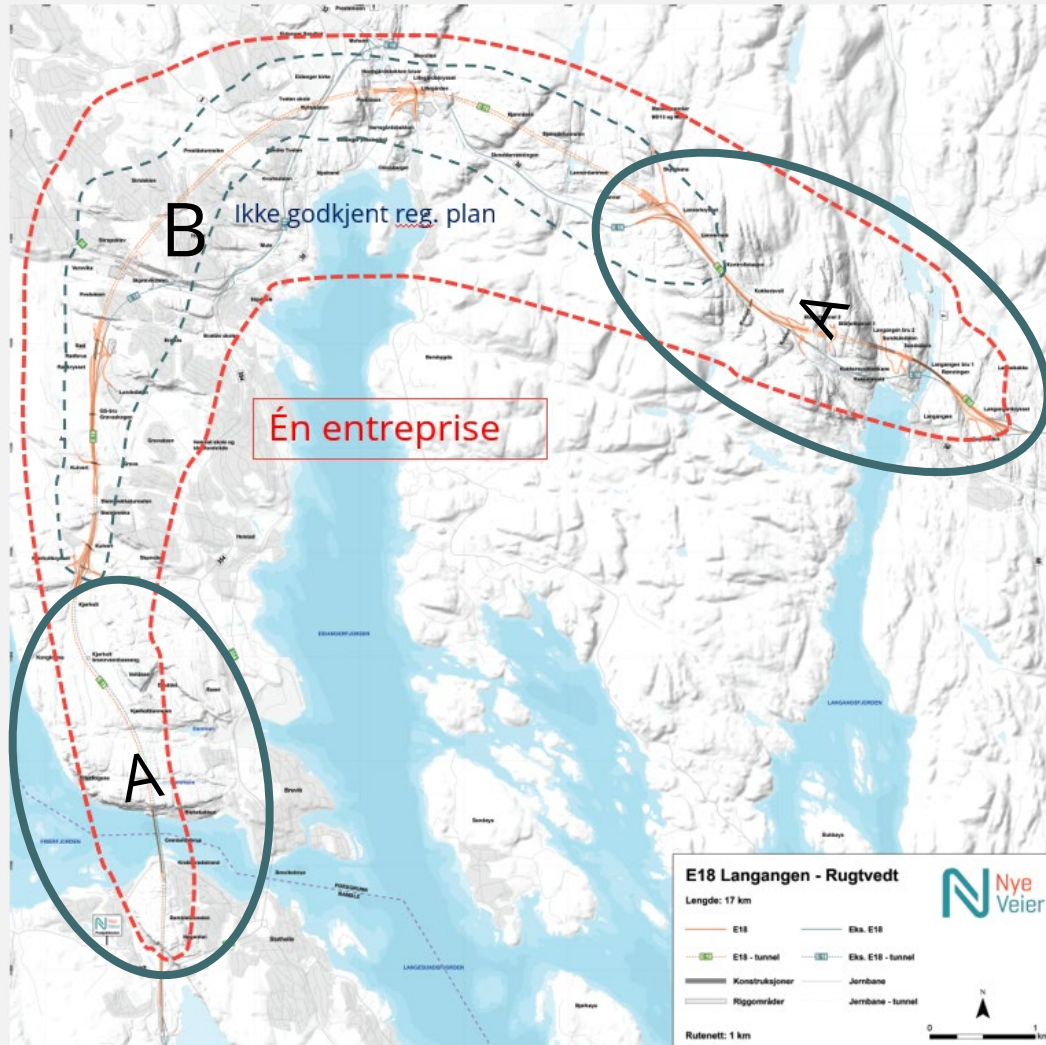
The E18 Langangen-Rugtvedt project



- The zoning plan has been adopted with some objections to the middle part of the stretch
- Funding is settled
- Total length approx. 17 km
- New tunnels approx. 6.6 km
- Bridges approx. 1.6 km
- Completion of already blasted tunnels approx. 3 km
- Open day road construction approx. 5.9 km
- Nye Veier's first project to be CEEQUAL-certified for "Whole Project Award", with requirement to achieve level Good



Contract breakdown – working packages



One contract with two main contract parts:

A comprises

- Southern part: Design and construction of new Grenland bridge, as well as completion of tunnels on both sides of the bridge
- Northern part: Design and construction of new four-lane E18 road Langangen-Lanner
- Both A-parts with fixed prices

B comprises

- Integrated collaboration first phase – then fixed price for design and construction E18 Lanner-Kjørholt

Unresolved conditions

- Work on zoning plan for over three years – worked on in several rounds, and a number of value analyses carried out
- 11 objections – three are outstanding
- The zoning plan for E18 Lanner-Kjørholt is being considered by the Ministry of Local Government and Modernisation
- **We need your help to further optimise the project!**



Facts about Porsgrunn



- 36,000 inhabitants – total area 164km²
- Common housing and labour market jointly with the municipalities of Siljan, Skien, Bamble and Larvik – about 120,000 inhabitants
- Port of Grenland
 - The port area covers the municipalities of Bamble, Porsgrunn and Skien
 - One of Norway's largest port areas measured in freight volume – about 12 million tonnes.
 - Multifunctional, with specialist terminals for dry bulk, wet bulk, timber and general cargo, as well as passenger traffic.
- Grenland – one of the country's most important industrial areas
- New double track railway between Larvik and Porsgrunn opened in the autumn of 2018

Tender E18 Langangen – Rugtvedt

Provisional timetable



	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020
Tender sent out	29 Nov ▼				
Qualification					
Preparing the tender		▶			
Evaluating tenders – firming up details		▶			
Signing of contract				▶	
					27 Nov ▼

Film: Zoning plan proposal E18 Langangen-Kjørholt



E18 Rugtvedt-Dørdal



E18 Dørdal-Grimstad



E18 Dørdal-Grimstad

- The first, and so far the only, municipal sub-plan under the direction of Nye Veier
- Mandate in Parliamentary report no. 25 (2014-2015), *“On the right path – Reforms in the road sector”*
- Inter-municipal planning cooperation with eight municipalities – Bamble, Kragerø, Vegårshei, Gjerstad, Risør, Tvedestrand, Grimstad and Arendal
- Inter-municipal board comprising the mayors has the mandate to act as the municipal planning committee – the cooperation to be continued in the zoning phase
- Public meetings, close dialogue with the municipalities and active communication and media work
- Digital participation process – around 1,000 entries via the Medvirkning portal
- As of September, the municipal sub-plan has been adopted in seven municipalities – Tvedestrand adopts the plan in mid-October

E18 Dørdal-Tvedestrand – approx. 55km



Cancelled contract division for E18 Dørdal – Tvedestrand



#	A3 Pinesund – Tvedestrand	A2 Fylkesgrensa – Pinesund	A1 Dørdal – Fylkesgrensa	Total:
Length (km)	20	12	22	54
Road construction (km)	19	11	21	51
Bridge (km)	1	1	1	3
Tunnel (km)	-	-	-	-
Crossing	1 unit	1 unit	2 units	4 units

Approx. **20km** of new four-lane motorway.
Total contract with interaction
BVP

Approx. **12km** of new motorway
Total contract with/without interaction
BVP

Approx. **22km** of new four-lane motorway.
Total contract with interaction
BVP



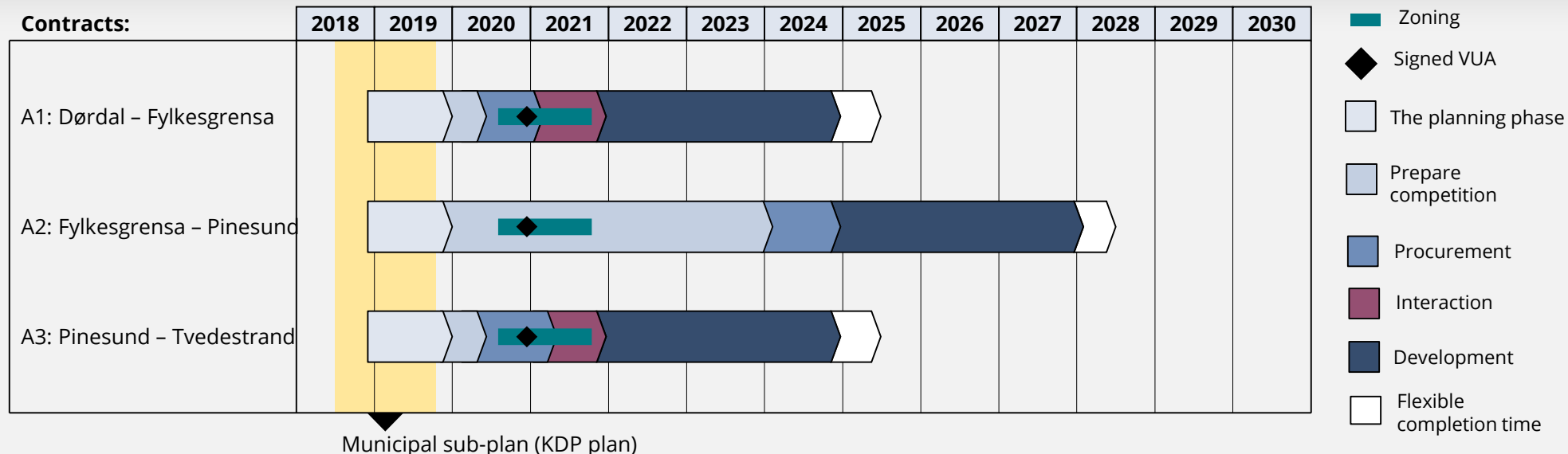
Main progress plan assuming parliamentary bill passed in autumn 2020



Conditions



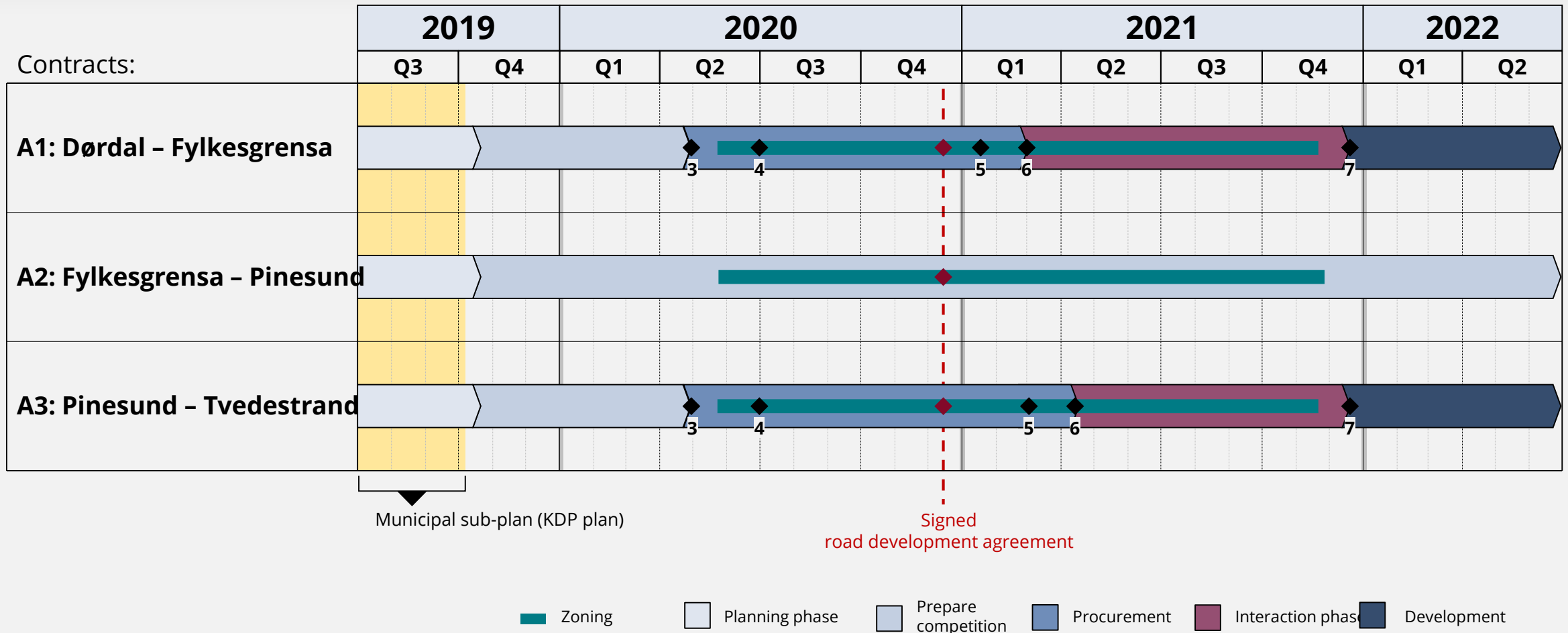
- Assuming passing of parliamentary bill in the **autumn session 2020** for Dørdal – Tvedestrand.
- Assuming approx. 3 years' construction period for each of the contracts.**
- Contracts A1 and A3 to be given priority.**
- Interaction time of about 9-12 months.**
- NV is considering carrying out start-up activities related to zoning in parallel with signing the contract with the contractor (A1 and A3).



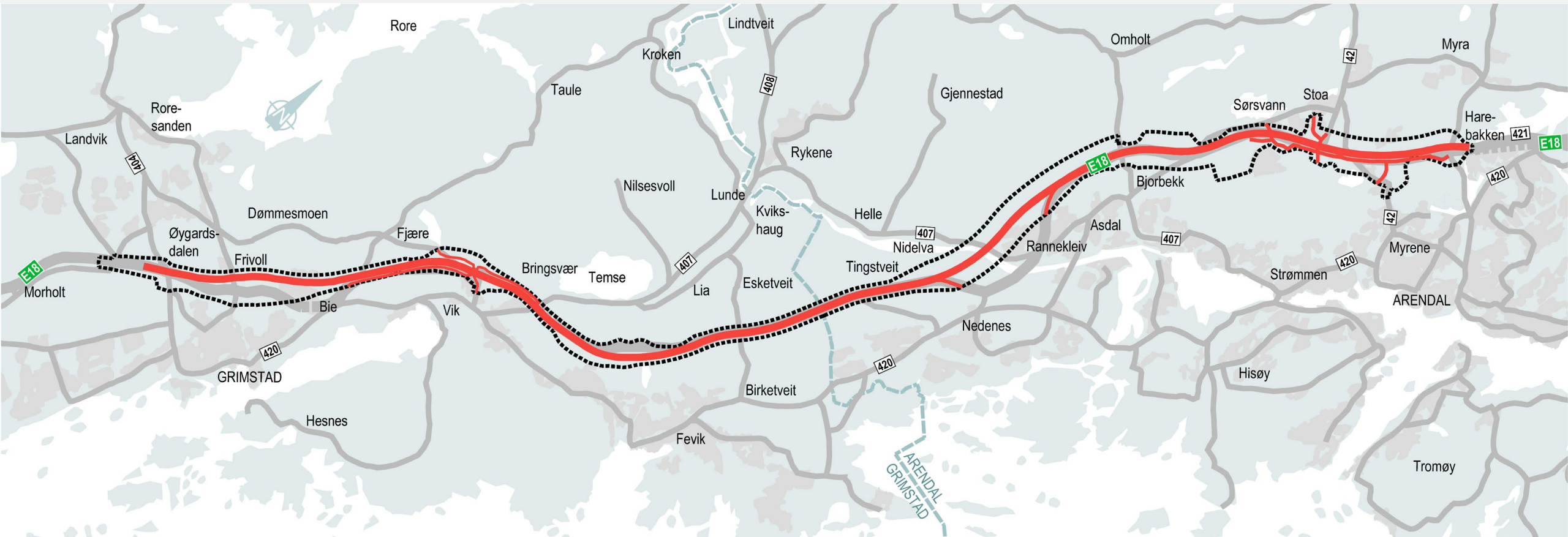
E18 Dørdal – Tvedestrand

Simultaneous pre-qualification for contracts A1 and A3

Tender delivery at different times



E18 Arendal-Grimstad approx. 20km



Openness and transparency

What we want to achieve

- Jointly contribute to smooth project implementation so that the project goals are achieved
- The project is completed on time and at the planned cost and quality
- The project owner, contractor, subcontractors and suppliers have a good reputation
- To be solution-oriented, and to have good interaction between the project owner, the contractor, authorities, road users and interested parties
- No outstanding financial or contractual balances when the project is completed
- Proactive communication work

- Minimise disadvantages for all road user groups during the construction period and during operation and maintenance
- Minimise greenhouse gas emissions during the construction period and during operation and maintenance
- Minimise the need for maintenance that creates inconvenience to road users
- Realise the vision of a safe construction site – people, the environment and materials – as well as healthy and fair working conditions

- E18 Langangen-Rugtvedt at the end of November – get ready
- E18 Dørdal-Tvedestrand – two contracts planned for the end of April 2020
- The whole E18 from Langangen to Grimstad to be ready by 2028
- Read the assignment carefully and answer what you are being asked 😊