E39 Lyngdal Øst - Lyngdal Vest









SHORT DESCRIPTION

E39 Lyngdal East - Lyngdal West stretches from Herdal to Røyskår for a total of 11 km. The project involves a longer road with several tunnels, bridges and complex infrastructure. The contract will be executed as a total contract for Nye Veier. The E39 Lyngdal East - Lyngdal West is being carried out in a working partnership between Implenia Norge and Stangeland Maskin, with Sweco as consulting partner. The works team manages all works in their entirety.

THE PROJECT

The project includes

- 5.3 km of road in daytime
- 6.1 metre double tunnels, divided into two tunnels of 3.7 km and 2.7 km (Rossåstunnelen and Kålåstunnelen)
- 2 longer bridges of 400 m and 200 m (Kvelland bridge and Hårikstad bridge), and 5 smaller bridges
- 2 motorway crossings with connections to existing roads

The project is extensive and complex, with both strict execution requirements and much to be produced in a short time.

The project has 5 performance objectives/project targets to be satisfied during the project period

- Minimise inconvenience to all road user groups and third parties during construction and operation.
- Realize the objective of an injury and accident free construction and operation period, and without breach of social responsibility.
- Minimise greenhouse gas emissions and other impacts on the external environment.
- Zero unresolved disputes at completion.
- Realize an innovative and future-oriented road project that minimizes construction and life cycle costs.

CHALLENGES

- Strict requirements for execution including BIM and load capacity
- Short production time on large scale

SUSTAINABILITY

- CEEQUAL certification on project - professional in own house
- Climate offer - advisor in own house

FURTHER INFORMATION

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FACTS

Location	Lyngdal , Norway
Status	completed
Construction volume (value of our services)	2.95 B NOK
Start of construction	January 2021
Completion	December 2025
Building owner	Nye Veier AS
Construction management	Utførende parter - JV Implenia Norge - Stangeland Maskin
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SERVICES

Road construction

Tunnelling

https://implenia.com/en/references/detail/ref/e39-lyngdal-oest-lyngdal-vest/

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