

Subsea tunnel - Stavanger, Norway



Solbakk tunnel is a part of the project Ryfast / Eiganes tunnel which connects Ryfylke and North Jæren in Rogaland together. The project comprises two linked undersea tunnel sections: The 14.3km Solbakk tunnel linking Solbakk and the ferry port at Tau in the Strand municipality, and the island of Hundvåg, via an alignment under the small island of Hidle where a ventilation shaft is planned. At its deepest point it will sit 290m below sea level, with an average depth below the sea of 50m, making it the deepest and the longest of all Norway's subsea tunnels.

The 5.7km Hundvåg tunnel which will link Hundvåg and the mainland city of Stavanger on the west coast of Norway, with an exit ramp at Buøy. Both of these tunnels are two lanes for each direction in separate tunnels.

The part Marti ÍAV won in open tender on 3. March is a 7.9 km long, two tube tunnel going from Solbakk towards Stavanger, stopping under the island Hidle. This is a conventional D&Bprojected with the exception that mucking will be executed with conveyors belts.



Customer

Statens Vegvesen

Project start

2013

Engineering design

Norconsult

Project finish

2018

Project supervision

Statens Vegvesen