Crossing Norwegian Fjords by Bike on Bridges and through Tunnels

Marit Espeland
National Cycling Coordinator
Norwegian Public Roads Administration
The Høgsfjord, Rogaland County
Norway

- **83 000 km** coastline, including fjords and islands
- **323 800** square km
- **1 190** fjords
- Dominated by mountainous or high terrain
- **19** Counties and **428** municipalities
- Population Norway: **5.27** million
- **1 176 tunnels** (32 below sea level)
- **17 500 bridges**
- **130 ferry connections**
National and European Cycling Routes in Norway

- Norwegian Public Roads Administration (NPRA) cooperate with counties and municipalities
- 10 National Cycling Routes, 6 EuroVelo
- 4500 km signposted
- Registered in national databank
- Information:
  - www.vegvesen.no/vegkart
  - http://www.vegvesen.no/trafikkinformasjon/Syklist/Kart
  - English: http://www.vegvesen.no/en/traffic/cyclist/maps
How to cross the fjords

● Boats and Ferries

● Bridges

● Tunnels

● Projects: Under sea level Tube Bridges?

Photo: Marit Espeland
Nappstraum tunnel 1780 m, Lofotens islands, Nordland County

National Cycling Route 1 / EuroVelo 1

62 meter below sea level, cycling permitted
Road with raised road shoulder in the Nappstraum tunnel
Fjøsdalen tunnel 1646 m, Nordland County
Road E10, National Cycling Route 1 / EuroVelo1

Cycling permitted in the tunnel, but signposted outside of the tunnel
National Cycling Route 1 / EuroVelo 1
Cycling on road shoulder 50 cm

Road E10, Nordland County. Avalanche Protection Gallery.

Photo: Marit Espeland
Storseisund Bridge 260 m, Møre & Romsdal County, Atlanterhavsvegen, Scenic Route

National Cycle Route 1 / EuroVelo 1
Shared road

Photo: Jarle Wæhler, NPRA
Hulvåg Bridge 208 m, Møre & Romsdal County, Atlanterhavsvegen, Scenic Route

National Cycle Route 1 / EuroVelo 1
Shared road
Myrørholm Bridge 87 m, Møre & Romsdal County, Atlanterhavsvegen, Scenic Route

National Cycle Route 1 / EuroVelo 1

Shared road
Alverstraumen Bridge 198 m
Suspension bridge

- Crossing Radsundet / Kverna fjord, Hordaland County
- National Cycle Route 1 / EuroVelo 1
- From 2-way road to 1-way
  -> Cycle / pedestrian path
Haglesund Bridge, 623 m, suspension bridge
National route 1 / Eurovelo 1, cycle/pedestrian path

Photo: Marit Espeland
Norhordlands Bridge, 1610 m, floating bridge
National route 1 / Eurovelo 1, Cycle/pedestrian path

Osterfjord, Hordaland County

Photo: Marit Espeland
Storda Bridge 1078 m and Bømla Bridge 999 m crossing Sagvågsfjord, Rogaland County

National Cycle Route 1 / EuroVelo 12
Cycle/pedestrian path
Hardanger Bridge 1310 m, suspension bridge
Hordaland County

National Cycle Route 6 crossing Eidfjord, cycle/pedestrian path

Photo: Marit Espeland

Statens vegvesen
Norwegian Public Roads Administration
Cycle/pedestrian tunnel connected to Hardanger Bridge
Undersea Level Tube-Bridge

- The E39 Coastal Highway Route, 1100 km Trondheim-Kristiansand
  - Project Ferry-free E39
  - Concept for The Sognefjord and 3 other fjords

http://www.vegvesen.no/vegprosjekter/ferjefriE39

Photo/Illustration: NPRA/ViaNova
Thanks for your attention!
marit.espeland@vegvesen.no