

“This has been a complex and challenging job, with many disciplines and use of highly specialised skills. For us it was a prerequisite to have all consulting services delivered with discipline coordination already carried out.”

Odd Halvorsen Project Coordinator in VKR Group, E39, Norway



Älvsborg Bridge, Sweden Large trucks transporting heavy cargo in the Gothenburg area in Sweden are bound to enjoy improved traffic conditions when structural assessment work on the Älvsborg Bridge in Gothenburg is completed, presumably in the autumn of 2006. Ramboll consultants from Sweden and Denmark are carrying out the structural assessment and classification of the bridge.

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E39, Norway For the inhabitants of small communities in Southern Norway, such as Feda, the upgraded section of the E39 means flexibility and increased mobility. People in the local community will have more freedom to choose where and when to go shopping or socialise. Less time spent commuting to work is another advantage. The existing road, crossing the mouth of the village river and representing a barrier between the community and the sea, has been relocated to the landscape behind the village. The old bridge will be torn down in order to reopen Feda’s waterfront that once was the reason for the location of the settlement.

Furthermore, drivers in the area save additional minutes with the upgrade of the E39 section between Lyngdal and Flekkefjord, west of Kristiansand. Some 30 km of low standard road has been replaced by a 17.5 km modern dual carriageway meaning a reduction in travelling time of 20 to 30 minutes on the average car journey. The modern road facilities are also believed to limit the number of severe accidents, and furthermore the reduced fuel consumption will benefit the environment.

For Ramboll this has been a large and complex assignment comprising road and landscape design, bridge and retaining wall construction, drainage systems, environmental analyses, geotechnical engineering and interdisciplinary control. 3D modelling was used for some of the design work.