

Nordic Tunnel News n°04 – Nov/Dec 2024-Jan 2025

Sweden - Supplier Day 2025-Stockholm Metro. Region Stockholm's Extended Metro Administration is inviting interested parties to a digital presentation about upcoming procurements. The presentation will include general information about procurement processes and how to submit bids in connection with the expansion of the yellow metro line between Fridhemsplan and Älvsjö (approx. 8 km). Information will also be provided about procurement timetable and details about upcoming procurement packages including hard rock TBM-tunnelling with lining. Furthermore, information will be presented about a new metro line to the Bromma Airport (Bromma Parkstad), which is in an early planning stage. The event will take place online March 12 2025 at 9:00-11:00. All registered participants will receive a link approximately one week before the event.

**Norway - The Bergen light rail system.** On the 27<sup>th</sup> of January 2025, the city of Bergen published an invitation to tender for the elaboration of a zoning plan with a technical preliminary project for an approximately 4.3 km long extension of the light rail network from Kaigaten to Sandviken. The planning work will also include a separate plan for the main cycle route from the centre to Sandviken. The deadline for receipt of requests to participate is the 27<sup>th</sup> of February 2025. The preparation of plan proposal is expected to be completed in 2026 and a public hearing is planned to be organized in the autumn 2026.



Denmark - The 3<sup>rd</sup> Limfjord Connection. On the 21<sup>st</sup> of January, the Danish Road Directorate published a press release announcing COWI as client consultant on the 3<sup>rd</sup> Limfjord Connection. The project is part of the Danish Infrastructure Plan 2035 and includes a 20 km long motorway west of Aalborg via the island of Egholm. The motorway will run under the Limfjord in an immersed tunnel, over Nørredyb on a low bridge and over Østeradal on a valley bridge. Construction work is expected to commence in 2027 and is scheduled for completion in 2034. The 3<sup>rd</sup> Limfjord Connection will cross the island of Egholm, which is home to protected nature, and particular care will be taken to address this aspect.



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An invitation to tender for environmental consultancy services was published on the 27<sup>th</sup> of January. This contract includes, but is not limited to: investigations related to species and pollution, preparation of applications to authorities, plans for handling contaminated soil, waste management, compensation nature, description of the management of groundwater and surface water, noise action plan, environmental assessments as well as assistance and follow-up during the execution phase.



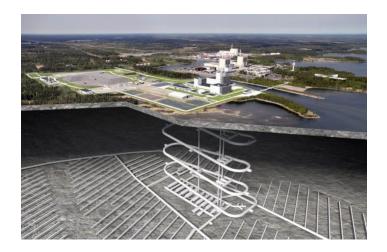
Norway - The Svean hydropower plant. On the 16<sup>th</sup> of January 2025, energy company Statkraft, assigned Skanska the contract to build the new Svean power plant in the municipality of Klæbu in the Trøndelag county. The new power plant will be built inside the mountain close to the existing facility. The existing plant, which has been in operation since 1940, will remain operational for most of the construction period. The contract includes all building-related work for the new station and excavation 1.6 km of tunnels. The 3 km long transfer tunnel from Selbusjøen to Svean will be reused, but a new intake will be built in Selbusjøen. The contract value is 507 million NOK. Construction will begin in January 2025 and is scheduled for completion in December 2027.





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Sweden - Construction begins on Swedish Spent Fuel Repository in Forsmark. On the 16<sup>th</sup> of January, construction officially started of the Swedish Spent Fuel Repository in Forsmark, Östhammar municipality. The Swedish Nuclear Fuel and Waste Management company, SKB, is in charge of the repository that will be ready for disposal in approximately ten years from now. Preparatory works above ground are planned to take two years. The repository will be gradually extended over a long period. Once fully extended, the repository will count almost 60 km of tunnels located at a depth of 500 m, and have the capacity to hold 12000 tons of nuclear waste stored in 6000 canisters. The repository should be fully extended in the 2080s.



**Finland - Espoo-Salo railway project.** On the 13<sup>th</sup> of January, the Finnish Transport and Communication Agency, announced the approval of the masterplan for the 95 km long Espoo-Salo railway line. The line includes the construction of 21 tunnels with a total length of 25 km. The longest tunnels are: Melkkomäki (2.7 km), Karnainen (2.2 km), Kirkkomäti (1.7 km) and Mikkelä (1.2 km). All four are planned as twin-tube tunnels. The remaining tunnels have lengths ranging from 50 m to 800 m. At current stage of planning the total construction cost is estimated to 3.3 billion euros. The Espoo-Salo section is part of the Helsinki-Turku highspeed line, also known as the Western line and previously referred to as "Turku Hour Train". A public consultation period started on the 13<sup>th</sup> of January and will ends on the 19<sup>th</sup> of February.

**Norway - E39 Bjerkeset-Astad.** On the 18<sup>th</sup> of December, the Norwegian Public Roads Administration announced that a plan proposal with an impact assessment of the E39 Bjerkeset-Astad highway will be submitted to Gjemnes municipal council in January 2025. In November 2024, the Ministry of Transport and Communication asked to proceed with the alternative that occupies the least cultivated area, and the road administration is now considering extending the tunnel planned in the Harstad area. Initially planned with a 1.5 km long tunnel, the plan proposal will include an approximately 2.1 km long tunnel from Astad to Harstad. The total estimated cost of the 5.6 km long E39 Bjerkeset-Astad highway project is 1,111 billion NOK (2022).



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Norway - National road 13 Lovraeidet-Rødsliane. On the 17<sup>th</sup> of December, the Norwegian Public Roads Administration announced the list of contractors that have applied for prequalification to the Rv 13 Lovraeidet-Rødsliane project including a 3 km long tunnel, 1.2 km of main road and 0.3 km of side roads. The project has been advertised as a turnkey contract and includes design and construction works. The following contractors have applied for prequalification: JV Stangeland Maskin AS/ Bertelsen & Garpestad Tunnel AS; JV Bertelsen & Garpestad AS/ Metrostav Norge AS; Hæhre Entreprenør AS; JV Leonhard Nilsen & Sønner/ Risa AS; NCC AS; JV OHL/ Aurstad Rv.13; and JV Skanska Norge AS/Vassbakk & Stol AS. Three to five bidders will be shortlisted. The contract will be awarded in the summer 2025.



Sweden - Contract award for the Tripphult tunnel. On the 17<sup>th</sup> of December, the Swedish Transport Authority, announced that the company Infrakraft Sverige AB has been assigned the contract to build the 2.4 km long Tripphult tunnel and 12 bridges between Hallsberg and Stenkumla, part of the double track expansion of the 50 km long Hallsberg-Degerön railway line. The contract also includes the handling of approximately 2 million m³ of excavated soil and rock. The 14 km long Hallsberg-Stenkumla section is the last of six sub-sections to be built. The entire line should be fully operational in 2031. The contract value is 2,740 million SEK.

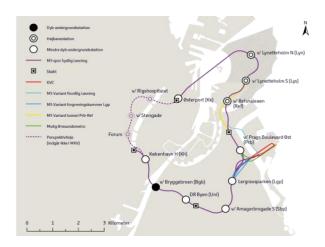




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Greenland – Prequalification launched for expansion of Buksefjorden hydropower plant. On the 9<sup>th</sup> of December, NunaGreen Construction A/S published the procurement notice for the turnkey project including the design, manufacturing, supply, construction, testing and commissioning of a complete expansion of Buksefjorden hydroelectric power plant. The project will deliver a new 76.9 MV plant, with a 16 km long headrace tunnel, an intake chamber with gate shaft and gate at the upstream end, and an underground powerhouse cavern at the downstream end with a tailrace tunnel that feeds out to the lake Kangerluarsunnguup Tasersua. The deadline of receipt of requests to participate is the 13<sup>th</sup> of February 2025.

Denmark - Market Dialogue for a new metro line in Copenhagen. On the 19<sup>th</sup> of November, Copenhagen Metro issued a prior information notice inviting potential contractors to participation in a market dialogue regarding the construction of a new metro line (M5). According to the notice, the market dialogues started on the 25<sup>th</sup> of November and ended mid-December. The future M5 could be approximately 16 km long with 10 stations. The environmental impact report covers two possible alignments. A southern solution from Copenhagen H via Amagerbrogade S to Lynetteholm and on to Østerport, or a northern alignment from Lynetteholm to Østerport. Supplementary environmental impact assessments have been initiated for a number of optimization proposals, and an overall report is expected to be completed in the first half of 2025.



**Iceland - Miklubraut tunnel.** The Icelandic Road Administration has published a preliminary draft for a tunnel project in Miklubraut, Reykjavik. The report recommends a 2.8 km long twin-tube tunnel, with two lanes in each direction between Skeifan and Snorrabraut as well as a 1.3 km long tunnel, with one traffic lane in each direction, which would connect Kringlemyrarbraut in the South to the Miklubraut main tunnel. The Icelandic Road Administration will over the next years elaborate more detailed plans and cost evaluations.