

Exchange on the use of Norwegian mobile energy storage containers in oil refineries

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Where is oil stored in Norway?

The largest storage sites are located at Mongstad, Oslo and Slagen. The total storage capacity of oil storages in Norway is almost 6.3 million cubic metres combined, although part of that is for processing and blending of offshore crude, condensate and natural gas liquids production and do not serve domestic consumption.

Organisation

How many refineries are there in Norway?

Refining There is only one operational refinery left in Norway, Equinor's 230 000 barrels per day (bbl/d) Mongstad plant on the west coast. The refinery is part of a larger complex which includes processing of natural gas liquids, a crude oil terminal, a cogeneration plant and the world's largest technology centre for CO₂ capture from flue gas.

What is oil transport infrastructure in Norway?

In Norway, oil transport infrastructure makes up a smaller part of the value chain than gas transport infrastructure. In many cases, oil is loaded directly onto tankers at the offshore fields (buoy-loading). For some of the larger field developments in Norway, it was considered more appropriate to build onshore oil terminals.

Is Norway a good source of energy for Europe?

Norway is one of the most important providers of energy to Europe and has major opportunities to become a frontrunner in the sustainable energy transition by exporting renewable energy, commercializing CO₂ storage and NZE hydrocarbon production.

In 2022, Norway accounted for 29% of energy production and 2% of energy consumption in OECD Europe (Table 1). After Russia's full-scale invasion of Ukraine, Norway ...

These vessels deliver raw materials to the refinery and load refined products and crude oil for export. Mongstad is one of Norway's largest and most ...

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Read the case study on the partnership between OG21 and Rystad Energy Advisory. See why OG21 partnered with Rystad Energy to assess Norway's contribution to ...

The new site consists of multiple bulk storage tanks with transfer capability to supply either directly to vessels or tote tanks. The ...

Welcome to Norway's capital, where cutting-edge container transport solutions meet renewable energy ambitions. As a global leader in green innovation, Oslo has become ...

About this report The Oil and Gas Transitions (OGT) is an evidence-based programme which aims accelerate just transitions from oil and gas in Denmark, Norway and the UK. Our Approach:

The new site consists of multiple bulk storage tanks with transfer capability to supply either directly to vessels or tote tanks. The system is fully automated to ensure ...

This paper provides evidence that oil price fluctuations have been an important driver of petroleum investment in Norway. This paper examines the supply of U.S.

Read more about how the onshore facilities meet current needs for transport, storage and processing of oil and gas from the fields they serve.

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