Downstream activities in the Nordic countries

ExxonMobil is a worldwide energy company, and has a broad range of activities in the Nordic countries Denmark, Sweden, Finland and Norway. This brochure gives an overview of the Downstream business which includes refining of crude oil, supply and distribution of oil products, fuels marketing covering gasoline stations and smaller storage facilities and - at last - blending, distribution and marketing of lube oils. ExxonMobil is also heavily involved in Upstream activities as exploration and production in the North Sea, which is not covered by this brochure.
Environmental policy and management

"It is ExxonMobil’s policy to conduct its business in a manner that is compatible with the balanced environmental and economic requirements of the society. The Company is committed to continuous efforts to improve environmental performance throughout its operations." (From the introduction of ExxonMobil worldwide Environmental Policy.) No business objectives are more important than the safety and health of the people, as well as the environment around us.

The company has developed an extensive safety, health and environmental management system to ensure this priority and to ensure systematic work to achieve our safety and environmental goals and expectations. This system, called Operations Integrity Management Systems (OIMS) has increasingly focus on the importance of environmental responsibility, the prevention of spills from our operations, the expectation to achieve continuous improvement in environmental performance and reduction of emissions and wastes over time. Compliance with laws and regulations and communication of our environmental expectations to third parties doing work for our company are examples of other strong focus areas.

Lloyds Register Quality Assurance considers OIMS to be consistent with the intent and to meet the requirements of the ISO 14001 Environmental Management Systems Standard. This is documented by an attestation, which is renewed every third year. Thorough audits are done by Lloyds Register Quality Assurance every year of our operations worldwide as part of this attestation.

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Lube oils & Specialities

ExxonMobil Lube Oils & Specialties (L&S) business covers two lube-oil blending plants (Uddevalla in Sweden and Naantali in Finland), distribution, storage and sales activities in and outside the Nordic countries. In addition to our ISO 14001 attestation for OIMS, our lube oil blending plants are formally ISO 14001 certified. Substitution of hazardous materials in lube oil additives, prevention and mitigation of spills and reduction of waste have continuous focus in L&S as well as energy efficiency programs at Uddevalla and Naantali.

Distribution

Eight ExxonMobil owned oil terminals in Norway and two in Finland are administrated and operated by the Distribution organisation. These activities include storage and distribution of mofuels, distillates and fuel oils in all parts of the Nordic countries. Focus areas are spill protection from harbour and storage tank operation, minimized VOC emissions by efficient Vapour Recovery Units (VRU’s) at all gasoline storage terminals, and environmental investigation and remediation of closed terminals. Protection of spill and leakage from the operation is done by use of safe procedures and inspection and maintenance programs founded on sound risk analysis and international standards. To ensure an efficient oil spill response, there are yearly training of personnel including communication aspects and use of miscellaneous mitigation equipment.
Fuels Marketing

More than 500 gasoline stations in Norway and Finland are included in the responsibility of Fuels Marketing. In addition they have several smaller storage facilities for fuels and fuel oil. Focus areas are no spills at site or during truck transport of products by third party. Safe, efficient and environmental sound investigation and remediation of closed gasoline stations is also an important area of concern. In addition there are programs to reduce and recycle waste from product packaging. To prevent leakage from underground tanks at the gasoline stations, there are installed double walled tanks with leak detection system for a number of stations, and daily checks are performed of tank levels against consumption. To ensure safe transport of products, there are close co-operation with the truck driving companies with regard to procedures and training. Safest driving routes to all gasoline stations are mapped, documented and agreed.

Refining

Slagen Refinery in Norway is among the most energy efficient refineries in the world with low emissions to air and water. A public report with all main environmental goals, emissions and future emission reduction plans is issued every year (in Norwegian).

“We’re drivers too. Safest driving routes to all gasoline stations are mapped, documented and agreed with the truck driving companies.”
ExxonMobil has comprehensive programs to increase energy efficiency for its operation and is among the industry leaders in this field. During the last three years projects have been implemented resulting in energy savings equivalent to the electric power consumption for 900,000 European households.

ExxonMobil’s research centres in USA have international expertise in the area of environmental effects and technology. There are comprehensive research programs on development of fuels for increased motor efficiency and reduced emissions, including co-operation projects with Toyota to develop hybrid cars and fuel cell technology for reduced emissions of CO2.

ExxonMobil invests 100 million dollars over ten years in the Global Energy & Climate Project led by the Stanford University in USA. This is an industry co-operation project with a total project cost of 225 million dollars. The intent is to develop new technology for the future to reduce emission of greenhouse gases (e.g. production and use of hydrogen, utilisation of biological processes and advanced motor technology with low energy consumption).

Waste water treatment facilities at Slagen Refinery. After biological treatment, the discharge of oil to the Oslofjord from this large process plant is less than 3 kg/day. This is comparable with the discharge of oil from a two-stroke outboard motor.

To ensure proper investigation and sound remediation of former industrial sites, terminals and gasoline stations, ExxonMobil has established a worldwide group of highly skilled experts to co-ordinate and execute these type of projects.

Greenhouse gases

Global Remediation

Research and development
Contact Sr. Advisor Environment Øyvind Sundberg
(e-mail: oyvind.sundberg@exxonmobil.com, telephone: 47 33 37 74 28)
if you want more information about subjects covered in this brochure