Today and tomorrow –

OIL ENABLES OUR EVERYDAY LIFE

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Responsible use of energy
The world’s need for energy is growing, efficiency in the use of energy is increasing, and the energy future takes many forms. Responsible use of energy is important from the point of view of a sustainable energy future.

In Finland companies in the oil and biofuel business are involved in building a sustainable energy future by developing new fuels, and completely new forms of energy, and by focusing on increasing energy efficiency. Liquid fuels - different types of petroleum products and liquid biofuels made from renewable raw materials - efficiently spin the gears of society also in the future.

Liquid biofuels – a good solution
All liquid fuels are high-tech products based on strong research and development. Detailed sustainability criteria have been set for liquid biofuels in the EU to make sure that the use of biofuels really does reduce emissions from transport. At best, biofuels can bring reductions of 80 to 90 per cent in greenhouse gas emissions compared with fossil fuels.

Alongside increased energy efficiency, developed and sustainably produced liquid biofuels are, in fact, the fastest and most cost-effective way to reduce emissions from road traffic: they are compatible with today’s car stock and distribution system. In Finland all traffic fuels being distributed contain a varying degree of bio components.

Finland – pioneer in biofuels
In Finland biofuel production relies heavily on processes of traditional fields of industry. An innovative field of production has been established on this foundation, promoting cooperation between different fields of industry. Finland has good starting points for the manufacture of developed biofuels: high quality technology and technological know-how, as well as an extensive raw materials base.

Finland’s versatile energy system
Finland has a dispersed energy system based on numerous sources of energy. Oil-based products play an important role, as they meet nearly a quarter of the need for energy. More than 50 per cent of oil products are used in transport and about 7 per cent go to the heating of buildings. Oil products are also used as reserve fuel for other fuels, such as natural gas, in possible interruptions in the energy supply.

In 2015, total Finnish energy consumption was 1,3 million terajoules (TJ). Oil based products play an important role in the Finnish energy system.

In 2015, total domestic petroleum product sales were 7,7 million tonnes. In addition to liquid fuels, the figure includes bitumen and lubricants as well as raw materials for the petrochemical industry.
Finnish Petroleum and Biofuels Association

Towards a sustainable energy future
Finnish Petroleum Petroleum and Biofuels Association is a collective industry association that represents the interests of its members. While fostering a favourable operating environment for profitable industry operations, the Association’s mission is to actively promote responsible use of liquid fuels and to contribute to a sustainable energy future. As an independent, non-party organization, the Association does not involve itself in issues related to competition between its member companies or in labour market issues. The Association members’ share of the Finnish oil products market amounts to approximately 95 per cent.

Industry representative
The Association speaks for its members and acts as an industry expert in energy, climate, environment and traffic and transport policy issues. Moreover, the Association actively disseminates information and news. The focus of its international activities lies on the preparation of EU legislation.

In the service station sector, the Association is in charge of concerted industry-level development work relating to quality of contracting, to safety and environment and to the industry’s operational preconditions. In the heating sector, the Association puts into action projects aimed at enhancing energy efficiency in oil heating. The Association also organizes seminars and training courses.

Energy Efficiency Agreement
Finland is involved in international agreements that combat climate change. In the national Climate and Energy Strategy the voluntary Energy Efficiency Agreements are one tangible method to cut down emissions.

The sector has an Energy Efficiency Agreement The Höylä III with the government for the period 2008–2016. The next multiannual agreement, The Höylä IV, will continue to promote energy efficiency from the year 2017 onward. Through these agreements, the energy efficiency objectives are promoted by providing consumers information about how, through their own actions, they can save energy especially in heating. Good results in improving energy efficiency have been reached during the Höylä agreements.

Statistics
Finnish Petroleum and Biofuels Association has statistics cooperation agreement with Statistics Finland. The Association collects and compiles energy statistics for the use of its members and Finnish and foreign authorities. Beside Statistics Finland, the statistical data is used by the National Emergency Supply Agency and by various state and municipal authorities.

Standardisation
The Association is an affiliate of the Finnish Standards Association SFS, and it is in that capacity responsible for standardisation across the Finnish oil and natural gas sectors. The Association is responsible for monitoring 29 European committees of CEN and 10 international ISO committees.

Security of supply planning
According to the agreement concluded with the National Emergency Supply Agency, the Association is responsible for the Finnish security of supply planning for the oil and natural gas sectors. Finland’s security of supply is primarily funded through a system of strategic stockpile fees levied on energy products, mainly on oil products.

Consumption of oil products by consumer group 2014

In Finland over half of the oil products are used in the traffic sector. All traffic fuels being distributed contain a varying degree of bio components.

Source: Statistics Finland, Finnish Petroleum and Biofuels Association
Contacts
firstname.lastname@oil.fi

Helena Vänskä, Managing Director
• General management
• Energy and climate policies
• Traffic and transport policy
Tel: +358 (0)40 581 6786

Jorma Venäläinen, Emergency Supply Manager
• Oil and natural gas supply security and preparedness
• Statistics
• LPG training courses
Tel: +358 (0)400 478 926

Pekka Huttula, Deputy Managing Director
• Environment and safety
• Liability issues
• Soil remediation programmes
• Service stations
• Managing Director of OISC Ltd
Tel: +358 (0)40 503 9465

Janne Huhtimo, Senior Specialist
• Accounts
• Price statistics
Tel: +358 (0)40 773 2094

Sanna Hämäläinen, Management Assistant
• Training courses and events
Tel: +358 (0)40 703 0899

Tina Sammi, Senior Specialist
• Equipment and safety technology
• Standardisation
• Transport of dangerous goods
• Representative of Finnish Oil and Gas Technology Association
Tel: +358 (0)40 501 2738

Mervi Tepponen, Communications Manager
• Communications, publications
Tel: +358 (0)40 562 1060

Virpi Nummisalo, Senior Specialist
• Standardisation
• Chemicals safety legislation and product safety
• Service station waste waters, detergent authorisation
Tel: +358 (0)40 516 5874

Eero Otronen, Senior Specialist
• Heating and energy efficiency
• Höylä III Energy Efficiency Agreement
• Editor in Chief of the periodical Lämmölää
Tel: +358 (0)40 861 8481

Kirsí Jeskanen, Office Secretary
• LPG training courses
Tel: +358 (0)50 516 0756

Finnish Petroleum and Biofuels Association
Oil Industry Service Centre Ltd
Unioninkatu 22, FI-00130 Helsinki
P.O. Box 1405, FI-00101 Helsinki
Tel: +358 (0)20 766 9930
firstname.lastname@oil.fi
office@oil.fi

Members
Neste Corporation
Tel: +358 (0)10 45 811
www.neste.com

Suomen Osuuskauppojen Kesuskunta SOK
Tel: +358 (0)10 768 011
www.sok.fi

Neste Markkinointi Oy
Tel: +358 (0)10 45 811
www.neste.fi

Oy Teboil Ab
Tel: +358 (0)20 47 001
www.teboil.fi

St1 Oy
Tel: +358 (0)10 55 711
www.st1.fi

Finnish Oil and Gas Technology Association
Tel: +358 (0)20 766 9930
www.oktry.fi