

Cosmo Oil Group Businesses

Maintaining safety as priority No. 1, the Cosmo Oil Group fulfills its social responsibility of ensuring a stable energy supply, operating petroleum businesses ranging from the independent development of crude oil (upstream business) to the manufacture, transportation and sale of oil products (downstream businesses). The Group is also working to develop new technologies and new businesses that meet the needs of future generations.



Crude Oil Procurement, Exploration and Production

The Cosmo Oil Group imports crude oil mainly from Middle Eastern countries. The Group is also actively pursuing oil exploration and production in cooperation with oil-producing countries. Independent development and production by the Group is currently underway in the United Arab Emirates (UAE) and Qatar, with the amount of independently developed crude oil accounting for approximately 5% of total imports by the Group to Japan.

Marine Transportation

The Cosmo Oil Group takes measures, such as the use of double-hull tankers, to prevent accidents that may occur during the extensive 20-day transport of crude oil from the Middle East to Japan. The Group is also increasing the efficiency of its crude oil transportation with joint plying and large-sized tankers.

Oil Refining

Safe operations are the highest priority at Cosmo Oil Group refineries and plants. These facilities are making progress through various initiatives to protect the local environment in the production of oil products, including the promotion of efficient energy use, industrial waste reduction, and the prevention of air and water pollution.

LPG

Gasoline/Naphtha

Kerosene/Jet fuel

Diesel fuel

Heavy fuel oil

Asphalt

Lubricant

Petrochemicals

The Cosmo Oil Group manufactures petrochemical products that include xylene and other raw materials used in everyday items such as clothing and PET resin. Demand for these products is expected to rise in China and other countries in Asia.

Storage

In order to ensure that energy supplies remain stable even in emergency situations, Cosmo Oil stockpiles at least 70 days worth of private crude oil reserves. Cosmo Oil is also a key participant in Japan's crude oil storage terminal managed by Shirashima Oil Storage Co., Ltd.



Shirashima National Oil Storage Barges

Research and Development

In addition to its focus on developing environmentally friendly petroleum products and more advanced manufacturing technologies, the Cosmo Oil Group is also engaged in the development of new energies and environmental technologies and in the creation of new businesses.

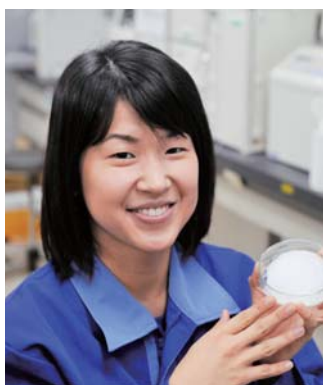


Research & Development Center

Related information: Consolidated Balance Sheets (pdf file)
http://www.cosmo-oil.co.jp/ir/annual/annual2010e/pdf/annual2010e_22.pdf

Related information: Notes to Consolidated Financial Statements (pdf file)
http://www.cosmo-oil.co.jp/ir/annual/annual2010e/pdf/annual2010e_26.pdf

Detailed information: Industrial associations and advocacy organizations with membership
<http://www.cosmo-oil.co.jp/eng/oilbusiness/>



Transportation in Japan

Petroleum products produced at Cosmo Oil refineries are delivered to service stations, oil depots and users across Japan by coastal tanker, tanker truck, railroad tank car and pipelines. The safest and most efficient means of transportation is selected for each trip, taking cost, distance and location into consideration.

Sales in Japan

The Cosmo Oil Group sells directly to large-scale users, delivers wholesale to dealers, and sells to customers at service stations. The Group gives consideration to regional differences in marketing campaigns at Cosmo Oil service stations, providing support for customers and their automotive needs through its "Filling Up Your Hearts, Too" Declaration activities.

Sales Outside of Japan

Although demand for petroleum products in Japan has fallen, global demand is on the rise and expected to remain strong in the future. Anticipating demand outside of Japan, the Cosmo Oil Group is focused on developing sales in North America, South America and Oceania where customers value high-quality products that meet strict environmental regulations.

New and Other Businesses

The Cosmo Oil Group is expanding into new businesses outside of the oil sector. The Group is focused intently on its ALA (5-aminolevulinic acid) business and is also involved in constructing, leasing, and insuring oil-related facilities.

For more information on ALA, see page 31.



Cosmo Oil Group Companies Implementing Consolidated Medium-Term CSR Management Plan (23 in total)

Oil Exploration and Production

Abu Dhabi Oil Co., Ltd. (Japan)
Qatar Petroleum Development Co., Ltd. (Japan)

Petroleum Product Manufacturing and Sales

Cosmo Oil Lubricants Co., Ltd.
Cosmo Matsuyama Oil Co., Ltd.

Sales

Cosmo Petroleum Gas Co., Ltd.
Cosmo Oil Sales Corp.

Distribution

Hokuto Kogyo Co., Ltd.
Cosmo Kaiun Co., Ltd.
Cosmo Delivery Service Co., Ltd.
Cosmo Petro Service Co., Ltd.
Cosmo Techno Yokkaichi Co., Ltd.
Kansai Cosmo Logistics Co., Ltd.
Sakaide Cosmo Kosan Co., Ltd.

Other Businesses

Cosmo Engineering Co., Ltd.
Cosmo Trade & Service Co., Ltd.
Cosmo Business Support Co., Ltd.
Cosmo Research Institute
Cosmo Computer Center Co., Ltd.
Eco Power Co., Ltd.

Outside of Japan

Cosmo Oil (U.K.) Plc.
Cosmo Oil International Pte., Ltd.
Cosmo Oil of U.S.A. Inc.

Cosmo Oil Co., Ltd.