# **Overview of Cosmo Oil Group Businesses**

### **Business Segments**

Oil Exploration and **Production** 



The Cosmo Oil Group purchases crude oil from oil-producing countries, promotes independent development of crude oil in cooperation with these countries, and transports crude oil to refineries in Japan.

### **Business operations**

Crude oil procurement, exploration and production



Procuring crude oil through independent development and from oil-producing countries

# Marine transport

Tanker transport of crude oil from procurement sources, and development and transport of imported petroleum products based on supply and demand

Refining and Sales



The Group produces gasoline, kerosene, and other petroleum products and sells/delivers these products to service stations, oil depots, and users across Japan.

#### Refining and manufacturing



Producing gasoline, diesel, kerosene, and raw materials for petrochemical products to meet market needs

**Petrochemicals** 



The Group also manufactures and sells petrochemical products, including xylene and other raw materials used in such everyday household goods as clothing and PET bottles.

#### Petrochemicals manufacturing



Maintaining a production system in and outside of Japan and meeting increased demand



In addition to undertaking wind and solar power generation, the Group is focusing on the production of ALA (5-aminolevulinic acid) in the plants and agriculture field.

# Renewable energy



Operating wind and solar power generation facilities across Japan

Realizing mass production and lower costs for ALA, an important amino acid for promoting plant growth

#### Cosmo Oil Group Companies

#### Legend:

●···Consolidated subsidiary

O···Equity-method

affiliated company \* · · · Indicates the 25 group companies covered by the CSR Initiative Policy

As of June 30, 2014

#### Oil Exploration and Production

## Crude oil procurement, exploration

- and production

   Cosmo Energy Exploration & Production
- Co., Ltd.\*

  Abu Dhabi Oil Co., Ltd. (Japan)\*

  Qatar Petroleum Development Co., Ltd. (Japan)\*

  ● Cosmo Oil Ashmore Co., Ltd.
- United Petroleum Development Co., Ltd. (Japan)

## Import/export of crude oil and

- petroleum products

   Cosmo Oil (U.K.) Plc.\*
- Cosmo Oil International Pte. Ltd.\* Cosmo Oil of U.S.A. Inc.

Storage

Okinawa CTS Corp.

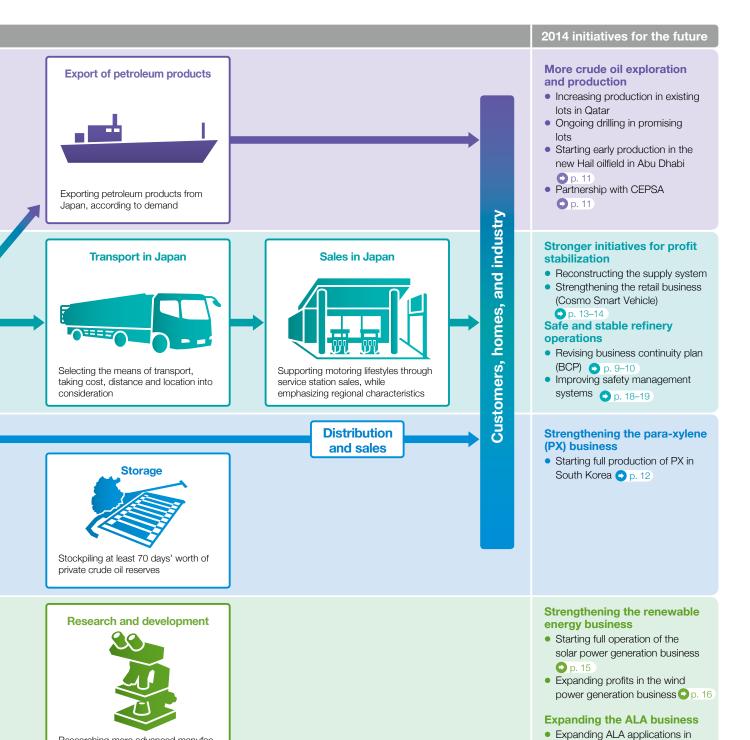
#### **Refining and Sales**

#### Refining and manufacturing Cosmo Oil Co., Ltd.\*

- Cosmo Oil Lubricants Co., Ltd.\* Transport in Japan
  O Tozai Oil Terminal Co., Ltd.
- Hokuto Kogyo Co., Ltd.\*
- Cosmo Delivery Service Co., Ltd.\*
- Cosmo Petro Service Co., Ltd.\*
- Cosmo Techno Yokkaichi Co.,
- Kansai Cosmo Logistics Co., Ltd.<sup>⋆</sup>
- Sakaide Cosmo Kosan Co., Ltd.
- O Chiba Cosmo Koun Co., Ltd.
- O Cosmo Lubricants Services Co., Ltd.
- Yokkaichi LPG Terminal Co., Ltd.

#### Sales in Japan

- Cosmo Oil Sales Corp.
- Sogo Energy Corp.\*
- Cosmo Property Service Corp.
- O Sakurabashisangyo Co., Ltd.
- O TOCOS Car Support Co., Ltd.
- O Cosmo Reform Co., Ltd.
- O Amtecs Co., Ltd.



## Petrochemicals

# Petrochemicals manufacturing ● Cosmo Matsuyama Oil Co., Ltd.\*

Researching more advanced manufac-

turing technologies and developing environmentally friendly products

- O Maruzen Petrochemical Co., Ltd.
- O Hyundai Cosmo Petrochem Co., Ltd.

#### Environment

#### Wind power generation

- Hazaki Wind Farm Co., Ltd.
- Choshi Wind Farm Co., Ltd.
- Dangamine Wind Farm Co.,
- Ltd.
- O Ikata Eco Park Co., Ltd.
- O Wakkanai Wind Power Co., Ltd.
- Tachikawa Wind Power
- Laboratory Co., Ltd. Eco World Kuzumaki Wind Power Co., Ltd.
- O Akita Wind Power Laboratory Co., Ltd.
- O GotoKishiku Wind Power Laboratory Co., Ltd.

#### ALA business

# Other Businesses

- Cosmo Business Associates Co.,
- O Cosmo Computer Center Co.,
- Cosmo Research Institute\*
- O Cosmo Sea Farming Inc.
- O TOCOS Enterprise Co., Ltd.
- O Kitagas Fureasuto Hakodate Minami Co., Ltd.
- O Senshinsya Co., Ltd.

O Summit Trading Co., L.L.C.

the healthcare, cosmetics, and

health food fields

- O Musashi International Co. W.L.L.
- O Abu Dhabi Enterprises (Japan)
- O A.D. Marine Inc.
- O Cosmo Oil (Shanghai) Co., Ltd.
- Cosmo Oil Europe B.V.