

# Outline of the Showa Shell Group

## Crude-Oil Procurement



## Manufacturing and Supply

The Showa Shell Group supplies petroleum products from its three oil refineries—the Yokkaichi Oil Refinery of Showa Yokkaichi Sekiyu Co., Ltd., the Keihin Oil Refinery of Toa Oil Co., Ltd., and the Yamaguchi Oil Refinery of Seibu Oil Co., Ltd. In addition, the group has a business alliance with the Sodegaura Oil Refinery of Fuji Oil Co., Ltd., through Showa Shell's capital investment in AOC Holdings, Inc., the parent company of Fuji Oil.



## Distribution

Transport efficiency has been increased by the advent of computer-planned shipping, the Super Smart Vehicle System (an automatic lorry dispatch system), and larger tank lorries, which enable high-volume shipments. In addition, tank lorry tracking systems employing mobile phones and global positioning system technology have further heightened efficiency and reduced environmental impact.



## Showa Shell Sekiyu

### The Petroleum Product Marketing Business of Service Stations

Via the approximately 4,800 service stations across Japan, including affiliated dealers, Showa Shell is engaged in the marketing of gasoline, diesel oil, kerosene, automotive lubricating oil, and a range of services.

### LPG Business

In addition to cooking stoves, water heaters, and climate control systems, LPG has a broad range of commercial, automotive, and industrial applications.

### Jet and Marine Fuel Business

Showa Shell markets fuel and lubricating oils for aircrafts and ships. The Shell Group's lubricating oil is sold under the same brand name the world over.

### Industrial Energy Business

Showa Shell supplies industrial fuel oil to transportation, electricity, agriculture, forestry, and fisheries businesses, as well as government organizations.

### Lubricating Oil and Grease Business

In cooperation with the Shell Group, Showa Shell meets the needs of its customers with a lineup of over 1,000 superior lubricating oil and grease products.

### Asphalt Business

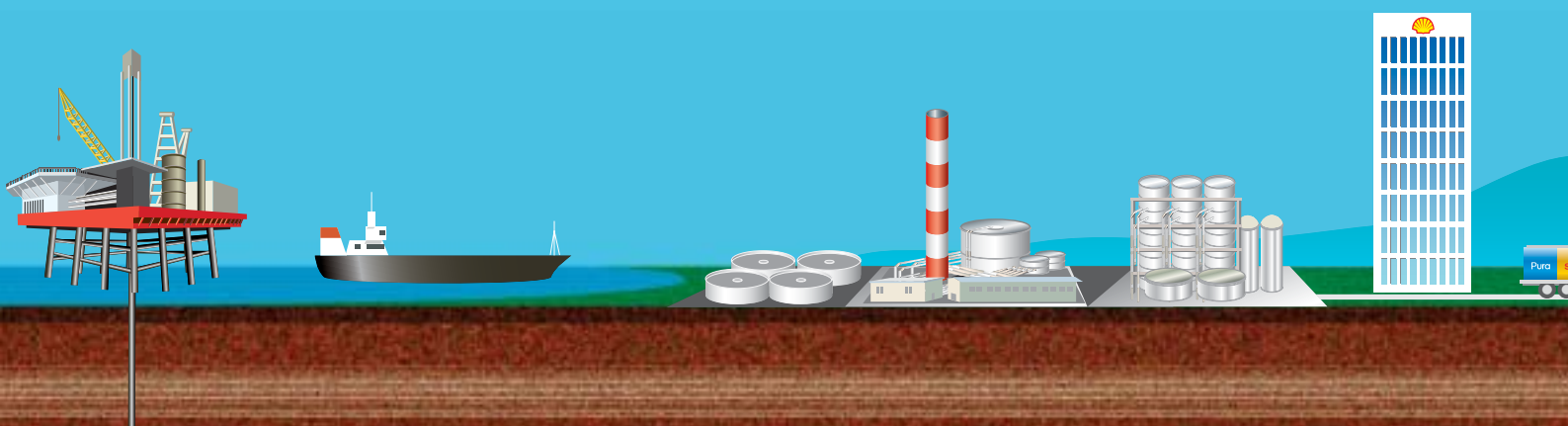
Showa Shell contributes to the welfare of local communities by providing low environmental impact asphalt for roads and other applications.

### Electricity Business

Dispersed power source business: Showa Shell contributes toward the reduction of CO<sub>2</sub> emissions through its supply of cogeneration systems to customers. Electricity generation from natural gas: Tokyo Gas Co., Ltd., and Ohgishima Power Co., Ltd., have commenced the joint construction of an electric power plant to be fueled by natural gas, scheduled for completion in 2009. Natural gas was selected because it is a clean energy source and because the proximity of the source to the consuming region confers economic advantages.

### Research and Development

In the field of copper indium selenide (CIS) thin film, the CIS solar batteries developed by Showa Shell hold the world's record for energy conversion efficiency. The company has developed a clean-energy gas-to-liquid fuel that is synthesized from natural gas and contains virtually no sulfur or aromatic chemicals. Showa Shell's Central Research Laboratory is currently developing hydrogen fuel, which shows promise as the ultimate clean energy source.



**Scope:**

This report covers information on Showa Shell Sekiyu and those of the below-named group companies that have implemented HSSE-MS (as of April 2006).

### The Companies of the Group

**Petroleum Refining**

Showa Yokkaichi Sekiyu Co., Ltd.      Toa Oil Co., Ltd.  
Seibu Oil Co., Ltd.

**Distribution, Storage, and Handling**

Showa Shell Sempaku K.K.      Heiwa Kisen Kaisha, Ltd.  
East Ogishima Oil Terminal K.K.      Niigata Joint Oil Stockpiling Co., Ltd.  
Japan Oil Network Co., Ltd.

**Marketing of Petroleum Products**

Petro Star Kansai Co., Ltd.	Chuo Shell Sekiyu Hanbai K.K.
Kanto Koyu Energy K.K.	Nakagawa Oil Co., Ltd
Tokyo Shell Pack K.K.	Petro Star Kanto Co., Ltd.
K.K. Sun Road	K.K. Shinyo Sekiyu
Marushin K.K.	K.K. Shell Sekiyu Osaka Hatsubaisho
DiaShokeki Co., Ltd.	Toyota Tsusho K.K.
Nissho Koyu K.K.	Central Energy K.K.
Mie Seki Shoji K.K.	Shell Tokuhatsu K.K.
Hayashi Bussan K.K.	K.K. Hayawa
CHUSEKI OIL Co., Ltd	Kyokuyo Co., Ltd.
K.K. Iwamura Bussan	Oita Kaijirushi Sekiyu K.K.

**LPG**

Shoseki Gas K.K.      K.K. Shoseki Home Gas

**Lubricating Oil**

Nippon Grease Co., Ltd.

**Asphalt**

Shoseki Kako K.K.      Rekisei Kagaku K.K.

**Other Businesses**

Solar Power	Showa Shell Solar K.K.
Facilities construction	Shoseki Engineering & Construction Co., Ltd.
Automotive products	K.K.Rising Sun
Testing and analysis	K.K. SVC Tokyo

Users

