



TAIYO OIL CO., LTD.

Energy for this planet and its people.

Corporate Brochure

SOLATO will
continue to challenge itself
to create the future.



Our thoughts behind the brand

We imagined the sun traveling across the sky and heading for tomorrow and created and announced the new brand name SOLATO in 2008, in association with the new challenges of Taiyo Oil. The design of the logo symbolizes the sun, the earth, and roads leading to tomorrow.

Our slogan is “Energy for this planet and its people.” We cherish the world’s people more than anything else, wishing for everlasting “co-existence and co-prosperity” on this planet where we live. The word “energy” expresses our wish to convey a “sense of justice” as an integrated energy company.

We believe that if people become more energetic, the world will become more fun, stronger and more beautiful and tomorrow will become more comfortable.

SOLATO will continue to challenge itself to create the future. With unique ideas and a challenging spirit free from industry customs and practices and conventional wisdom, we will move toward the next 100 years.

We, at Taiyo Oil will, continue to make continuous efforts as an “integrated energy company” with thoughts of this new brand in mind.

* SOLATO is a coined word combining “solar” and “tomorrow.”

Each employee shares the same feeling.

Taiyo Oil has established its “corporate philosophy” based on its corporate mission and sense of values shared by all employees in accordance with the spirit of the “company credo,” which is the basis for management.

Furthermore, we have also established a “corporate course of action” for performing corporate activities to realize our “corporate philosophy.”

Company Credo

Independence and self-respect
Enterprising spirit and aggressiveness
Co-existence and co-prosperity

Corporate Philosophy

Like the beaming sun,

We at Taiyo Oil, an integrated energy company, will attempt to harmonize with the global environment and provide security and safety so as to contribute to the creation of an enriched society.

We will attempt to promote harmony with all members of society through our business activities and to create new value through an aggressive and bold approach that strives toward building a company with sustainable growth potential.

Corporate Course of Action

Taiyo Oil acts in good faith in accordance with the following guidelines:

Safe operation

We will give top priority to workplace and regional safety and will strive for safe and stable operation.

Environmental preservation

We will attempt to reduce environmental burdens and save resources and energy and make efforts to preserve the global environment.

Regional contribution

As a good corporate citizen, we will contribute toward regional development.

Customer satisfaction

We will provide high-quality products stably in order to win customer satisfaction and trust.

Respect for the individual

We will respect each of our employees and provide a rewarding workplace.

Compliance

We will comply with laws and regulations, abide by the norms of society and the company and conduct ourselves according to our conscience.

Transparency

We will attempt to communicate widely with society and to enhance the transparency of our business activities.

We aim for sustainable growth by establishing an integrated operating system.

Taiyo Oil aims to become a company that can achieve sustainable management with the establishment of an “integrated operating system” ranging from importing oil to manufacturing and sales of petroleum products and petrochemical products.

Imports



We mainly import environmentally friendly low-sulfur crude oil.

Japan imports nearly all of its oil which is indispensable to our daily lives and industrial activities by large tankers from oil-producing countries in the Middle East, Southeast Asia, etc. We at Taiyo Oil have been importing oil, centering on environmentally-friendly low-sulfur crude oil, from various oil-producing countries, such as Saudi Arabia, the United Arab Emirates, the United States, Malaysia, Brunei, and Indonesia, and have been safely transporting this to Shikoku Operations.

Refining and Manufacturing



High-quality, environmentally friendly products

In order to respond to various demands for oil, Taiyo Oil makes continuous efforts to constantly produce high-quality, environmentally friendly petroleum and petrochemical products as well as to ensure a safe and stable supply of products. Shikoku Operations has acquired ISO 9001 (quality management systems) and ISO 14001 (environmental management systems), and works hard to ensure and maintain quality and carry out operations that are environmentally friendly.

Supply



Our mission is to provide a safe and stable supply.

Taiyo Oil stably supplies earth-friendly products to meet various customer needs. In order to ensure that our petroleum products which are widely used not only in our daily lives but also for industrial activities are delivered to our customers safely and reliably we actively work to strengthen and streamline our production facilities and expand our distribution facilities in an effort to secure a stable supply.

Sales



We provide high-quality services.

Taiyo Oil actively works to create SOLATO service stations that achieve customer satisfaction by cultivating human resources who can perform value-added services from the customer's perspective in every scene so that customers choose us and customer satisfaction is always ensured.

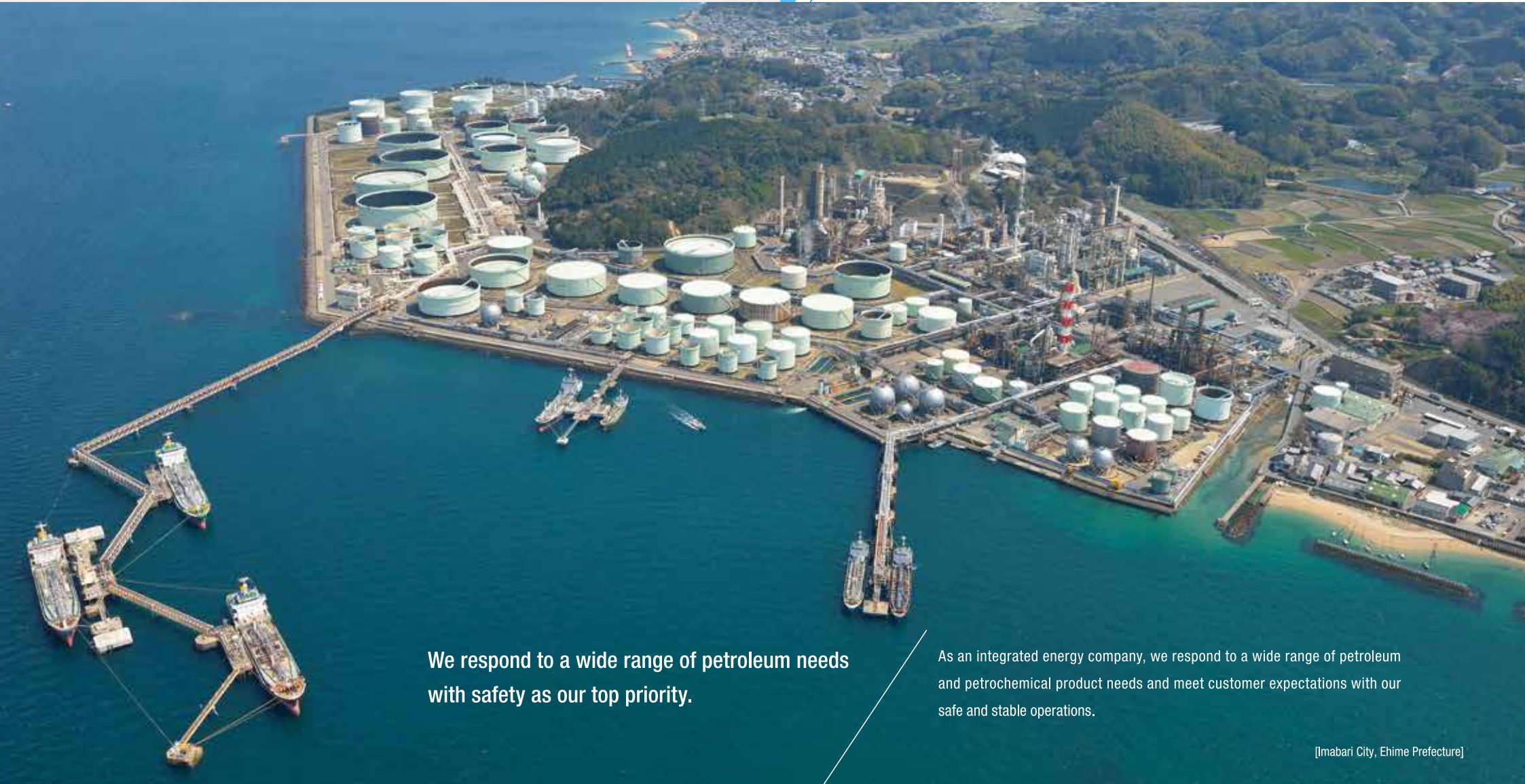
Taiyo Oil transports “peace of mind.”

We mainly import environmentally friendly low-sulfur crude oil.



We at Taiyo Oil have been importing oil, centering on environmentally-friendly low-sulfur crude oil, from various oil-producing countries, such as Saudi Arabia, the United Arab Emirates, the United States, Malaysia, Brunei, and Indonesia, and have been taking great care to transport this efficiently and safely.

Shikoku Operations/Oil Refining Facilities

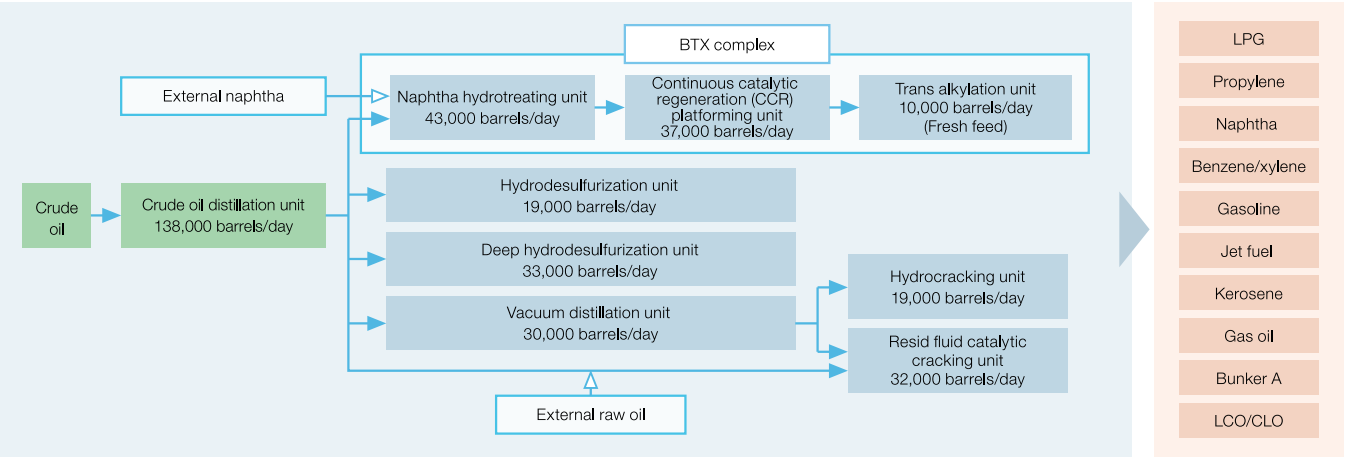


We respond to a wide range of petroleum needs with safety as our top priority.

As an integrated energy company, we respond to a wide range of petroleum and petrochemical product needs and meet customer expectations with our safe and stable operations.

[Imabari City, Ehime Prefecture]

Refining flow diagram



Crude oil distillation unit

Crude oil is distilled and fractionated into LPG, naphtha, kerosene, gas oil and residual oil.



Hydrocracking unit

This unit produces high-quality naphtha, kerosene and gas oil by mixing vacuum gas oil which is distilled from residual oil in the vacuum distillation unit with hydrogen gas and reacting it with a catalyst in a high-temperature and high-pressure atmosphere.



Resid fluid catalytic cracking unit

This unit produces propylene, LPG and gasoline fractions by decomposing heavy oil which is the raw material by contacting with a catalyst in a high-temperature and low-pressure atmosphere.



BTX complex

Benzene and xylene are produced by hydro-treating and catalytically reforming naphtha which is the raw material and then distilling, extracting and transalkylating the resulting reformate.

Shikoku Operations Refining and production capacity

Number of tank units and oil storage capacity		
Crude oil storage tanks	9 units	638,406kl
Product and semi-processed product tanks	65 units	486,972kl
Tanks for petrochemical products	4 units	37,563kl
Slop tanks	4 units	18,691kl
Home fuel tanks	3 units	2,150kl
LPG tanks	13 units	11,862t
Molten sulfur tanks	2 units	2,340,000kg
Total	100 units	1,183,782kl
		11,862t
		2,340,000kg

Refining capacity 138,000 barrels (21,942kl)/day		
No. 1 Crude oil distillation unit	1 unit	106,000 barrels (16,854kl)/day
No. 2 Crude oil distillation unit	1 unit	32,000 barrels (5,088kl)/day
Vacuum distillation unit	1 unit	30,000 barrels (4,770kl)/day
Hydrocracking unit	1 unit	19,000 barrels (3,021kl)/day
Hydrogen recovery unit	1 unit	1,036,800Nm ³ /day
Hydrosulfurization unit	1 unit	19,000 barrels (3,021kl)/day
Deep hydrosulfurization unit	1 unit	33,000 barrels (5,247kl)/day

BTX complex		
Naphtha hydrotreating unit	1 unit	43,000 barrels (6,837kl)/day
Continuous catalytic regeneration (CCR) platforming unit	1 unit	37,000 barrels (5,883kl)/day
		(including 19,000 barrels/day for petrochemicals)
Aromatics fractionation unit	1 unit	34,500 barrels (5,486kl)/day
Aromatics extraction unit	1 unit	11,000 barrels (1,749kl)/day
Hydrogen recovery unit	1 unit	2,054,400Nm ³ /day
Trans alkylation unit	1 unit	10,000 barrels (1,590kl)/day
		(Fresh feed)
No. 2 Aromatics fractionation unit	1 unit	19,000 barrels (3,021kl)/day

RFCC complex		
Reid fluid catalytic cracking unit	1 unit	32,000 barrels(5,088kl)/day
Propylene splitter unit	1 unit	7,100 barrels(1,129kl)/day
Alkylation unit	1 unit	7,200 barrels(1,145kl)/day
FCC gasoline hydrosulfurization unit	1 unit	17,000 barrels(2,703kl)/day

We firmly support “society” as an integrated energy company.

Taiyo Oil markets its products not only in Japan but also overseas in response to customer needs.



Shikoku Operations Dolphin Berth 122,000DWT

Taiyo Oil stably supplies earth-friendly products to meet various customer needs. In order to ensure that our petroleum products which are widely used not only in our daily lives but also for industrial activities are delivered to our customers safely and reliably, we actively work on streamlining production facilities and expanding distribution facilities in an effort to secure a stable supply.



Shikoku Operations Lorry loading facilities



Shikoku Operations Drum distribution facilities

In the event of a large-scale disaster, we will supply petroleum products in cooperation with the Japan Ground Self-Defense Force.



Shikoku Operations Lab Center

We conduct product testing and analysis, quality control, product quality improvements, removal of harmful substances, environmental and energy-related technical R & D, etc.



Nansei Sekiyu K.K. (Nishihara-cho, Okinawa)
Supplies petroleum products within Okinawa Prefecture via the Company's terminal.

We deepen bonds with customers to develop new value.

We actively work to create service stations that are chosen and supported by customers.

Whether its full service or self-service, service station staff is the key to customer service. In order to earn high marks from customers and maintain customer satisfaction, providing high-quality service and a wide range of proposals are required. We aim to create SOLATO service stations that can provide value-added service from the customer's perspective to achieve customer satisfaction.



We strive to create service stations that achieve customer satisfaction by developing human resources through various workshops and seminars for service station staff, as well as providing sales support for affiliated service stations through sales promotion activities.



We contribute to the achievement of the SDGs through initiatives targeting key ESG issues.

Our company has formulated a basic policy regarding ESG and the SDGs, and is aiming to contribute to the resolution of environmental problems and various social issues.

Our basic policy regarding ESG and the SDGs

Our company shall contribute to the achievement of the “SDGs” through initiatives targeting key issues related to ESG, while realizing and continuing “coexistence and co-prosperity with society and stakeholders.”



< SDGs regarding which we are contributing >



Promoting green refinery business



As Japan's first green refinery business that makes use of forest resources, we have been examining the building of a supply chain that consists of the following series of processes: gathering unused forest resources mainly from within Shikoku, manufacturing bio-based crude oil through making woody biomass into cracked petroleum, and manufacturing bio-based products using bio-based crude oil as raw materials.

Initiatives aimed at popularizing and spreading domestically-produced SAF



We have joined “ACT FOR SKY,” a voluntary organization that is working to commercialize, popularize, and spread domestically-produced sustainable aviation fuel (SAF). Together with the Utilization of Carbon Dioxide Institute Co., Ltd., our company has been conducting research on the manufacturing of bio-jet fuel, using woody biomass, hydrogen, and carbon dioxide as raw materials.

Joint research on chemical recycling of waste tires



Based on integrating the technologies of Environment Energy Co., Ltd. for turning waste plastic into cracked petroleum, and our company's knowledge regarding petroleum refining, we have been aiming to realize the chemical recycling of waste products, such as waste tires, which had been difficult to reuse in ways other than thermal recycling. This chemical recycling makes it possible to once again utilize the waste products as basic petrochemical raw materials and so on.

Participation in large-scale solar power generation project



We have established the joint venture company “SDT Solar Power Co., Ltd.,” and through this, have been working on popularizing renewable energy. We have established the SDT Solar Power Yamaguchi Power Plant on the premises of Yamaguchi Operations, and this generates approximately 20 million kWh per year (equivalent to the annual consumption volume of 3,880 general households).

Pursuit of environmentally-friendly mobility



Our Self Airport Service Station (Matsuyama City, Ehime Prefecture) is essential entirely powered by renewable energy, as the result of using solar panels and electric power that has non-fossil fuel certificates. Furthermore, Shikoku Operations has established off-grid solar carports, and has thus been carrying out demonstrations aimed at the EV sharing business.

Research & development regarding insect feed for aquaculture



Insects have been garnering attention as sources for the sustainable production of food and feed. In order to save humanity from future food crises caused by explosive population growth and so on, our company has been working with Ehime University and fishery companies within Ehime Prefecture to conduct research aimed at the development and social implementation of feed for aquaculture that can help make aquaculture sustainable.

Regional contribution activities related to environmental conservation



We have been participating in the “Project for Forest Development in Cooperation with Environmentally Advanced Companies,” which has been proposed by Kochi Prefecture, and “Activities for Forest Development by Companies,” which has been proposed by Ehime Prefecture. We carry out volunteer activities in Ino-cho, Kochi Prefecture and Imabari City, Ehime Prefecture called “Sun (Taiyo)-nurtured Forest” activities, and these include supporting maintenance projects in participating forests, and having employee volunteers engage in the planting of trees.

Regional contribution activities related to cultivating human resources who will shoulder next generation



We have established the “Taiyo Oil Scholarship” at Ehime University. With benefit-type scholarship money that does not require repayment, we ease the financial burden of students, and thereby support the creation of environments in which students can dedicate themselves to their studies and research. In Ehime Prefecture where there are many manufacturing industries, we especially aim to contribute to human resource development in technology-related fields.

Strengthening of initiatives for compliance and risk management



Taiyo Oil convenes a Compliance and Risk Committee that is chaired by our president, and thereby strives to appropriately manage risk and supervise compliance in business activities. Furthermore, we set a month for the strengthening of compliance each year, and have thus been strengthening our efforts in areas such as education for raising awareness regarding compliance.

Our challenge of supporting the daily lives of people throughout society has continued for more than 110 years and will continue further as a new future unfolds.

As a company that handles petroleum and petrochemical products that are indispensable to maintaining social infrastructure functions, we assume great responsibility in supporting the lives of people. At the same time, we recognize that society keeps a watchful eye on our operations with respect to safety and environmental matters. While upholding our corporate social responsibility as a maintainer of business activities and infrastructure in the supply of energy, we aim to become a company that is supported by various stakeholders based on our corporate philosophy.

Earliest Days			1908-1943	
From the establishment of Aoki Sekiyu, our predecessor, until the establishment of Taiyo Oil				
1908 (Meiji 41)	September	Shigekichi Aoki, the founder, established Aoki Sekiyu in Takaoka-gun, Kochi Prefecture (currently Tosa City).		
1915 (Taisho 4)	February	Relocated to Yawatahama City in Ehime Prefecture.		
1918 (Taisho 7)	January	Kerosene production was started from the materials supplied by Rising Sun's Kyushu-Saitozaki Oil Refinery.		
1923 (Taisho 12)	August	Started to refine oil in a Hickman Distillation (Method) Unit.		
1930 (Showa 5)	May	Renamed as Aoki Sekiyu Co., Ltd. Capital of JPY 20 thousand.		
1938 (Showa 13)	October	Plant relocated to Kameoka Village in Ochi-gun, Ehime Prefecture (the current site of Shikoku Operations).		
1941 (Showa 16)	February	Refinery sections of Aoki Sekiyu, Mikado Seiyu and Matsuoka Sekiyu were integrated into Taiyo Oil Co., Ltd. Head office was established in Mita-toyooka-cho, Shiba-ku, Tokyo. Capital of JPY 1 million.		
1943 (Showa 18)	July	Head office was relocated to Yawatahama City in Ehime Prefecture. Capital increased to JPY 4 million.		
Postwar Recovery Period			1949-1964	
Full-scale independent production activities began during this period.				
1949 (Showa 24)	December	Permission granted by GHQ to reopen refineries on the Pacific Coast. Construction of facilities for crude oil distillation was started.		
1951 (Showa 26)	February	Permission granted to refine petroleum. An order from Shell Sekiyu was received and a refinery with an output of 500 barrels/day was started.		
1953 (Showa 28)	July	Capital increased to JPY 48 million. Taiyo Oil started to operate its own refinery.		



First President Shigekichi Aoki



Second President Ryosaku Aoki

Growth Period			1965-1991	
Upgrading of refining operations on a full-scale basis began during this period.				
1958 (Showa 33)	October	Soviet crude oil was imported to Japan for the first time.		
1964 (Showa 39)	June	Ryosaku Aoki became the second president. Capital increased to JPY 52 million.		
	September	Romanian crude oil was imported to Japan for the first time.		
	November	Capacity of the crude oil distillation unit was confirmed to be 59,000 barrels/day.		
1965 (Showa 40)	September	Shigeyoshi Aoki became the third president.		
1967 (Showa 42)	July	Capital increased to JPY 100 million.		
1969 (Showa 44)	April	Taiyo Oil became a member of the Petroleum Association of Japan.		
1970 (Showa 45)	December	Capital increased to JPY 400 million.		
1974 (Showa 49)	September	Capacity of the crude oil distillation unit was augmented to 69,000 barrels/day.		
1975 (Showa 50)	July	Kikuma Refinery (currently Shikoku Operations) received JIS (Japanese Industrial Standards) accreditation.		
1976 (Showa 51)	July	Established a 90-day petroleum stockpiling system.		
1977 (Showa 52)	January	Taiyo Oil became the first Japanese corporation to conduct DD crude oil trading with the Malaysian national petroleum corporation (PETRONAS).		
1979 (Showa 54)	October	Local Singapore subsidiary Taiyo International Private Limited was established.		
1981 (Showa 56)	November	Head office was relocated to the current location (Chiyoda-ku, Tokyo).		



Third President Shigeyoshi Aoki

Period of Development			1996-2019	
Expansion of operations with the abolition of the Provisional Measures Law on the Importation of Specific Petroleum Refined Products				
1982 (Showa 57)	March	An underground oil stockpiling demonstration plant was completed on the premises of Taiyo's Kikuma Refinery. Taiyo Oil took charge of demonstration operations.		
1983 (Showa 58)	September	Reduced capacity of the crude oil distillation unit by 4,000 barrels/day to 65,000 barrels/day.		
1986 (Showa 61)	March	Made investments in the oil development project in Angola's offshore oil fields.		
	November	Joined the oil development project in Malaysia's offshore oil fields.		
1991 (Heisei 3)	June	The crude oil tanker "Taiyoh I" (88,543 DWT) was put into service. With the completion of the BTX production facilities and the launch of the operation thereat, Taiyo Oil forayed into petrochemicals.		
	December	The petroleum product tanker "Taiyoh II" (58,950 DWT) was put into service.		
1996 (Heisei 8)	July	With partial transfer of the functions of the head office, Kikuma Refinery was renamed Shikoku Operations.		
1998 (Heisei 10)	October	Participated in the Tokyo Commodity Exchange as a primary member of the oil futures market.		
	December	Shikoku Operations received ISO9002 certification.		
1999 (Heisei 11)	October	Kunishi Kawai became the fourth president.		
2002 (Heisei 14)	March	Shikoku Operations received ISO14001 certification.		
	July	Subsidiaries were integrated into Taiyo Techno Service Co., Ltd.		
2003 (Heisei 15)	August	Capacity of the crude oil distillation unit was augmented to 120,000 barrels/day.		
	October	Taiyo Petrochemical Co., Ltd., was established.		
	December	Acquired from Mitsui Chemicals, Inc., a styrene monomer plant in Yamaguchi.		
2004 (Heisei 16)	January	Yamaguchi Operations opened.		
	December	Subsidiaries were integrated into Taiyo Oil Sales Co., Ltd.		
2006 (Heisei 18)	June	Yutaka Oka became the fifth president.		
2008 (Heisei 20)	March	A new office and new onshore shipping facilities on the premises of Shikoku Operations were completed.		
	September	100th Anniversary of the company's foundation		

2008 (Heisei 20)	September	A new brand "SOLATO" and a new company's logo were introduced. Every item sold or installed at SS was redesigned.		
	December	New ground loading facilities were completed.		
2009 (Heisei 21)	March	Capital increased to JPY 900 million.		
	September	Capital increased to JPY 2.65 billion.		
	December	Capital increased to JPY 4.65 billion.		
2010 (Heisei 22)	March	Capital increased to JPY 5.6 billion.		
	November	Completion of the construction and startup of Resid Fluid Catalytic Cracking Unit with a capacity of 25,000 barrels/day.		
2014 (Heisei 26)	March	Merged with Taiyo Petrochemical Co., Ltd. Reduced capacity of the crude oil distillation unit to 118,000 barrels/day.		
	August	Capacity of the Resid Fluid Catalytic Cracking Unit was augmented to 29,000 barrels/day.		
	November	Completion of the construction and startup of Trans alkylation unit with a capacity of 10,000 barrels/day.		
2016 (Heisei 28)	December	All shares of Nansei Sekiyu K.K. acquired.		
2017 (Heisei 29)	March	Capacity of the crude oil distillation unit was augmented to 138,000 barrels/day. Capacity of the Resid Fluid Catalytic Cracking Unit was augmented to 32,000 barrels/day.		
	April	Okinawa Sales Office (currently Okinawa Sales & Marketing Office), which is Taiyo Oil's first office in Okinawa Prefecture, was newly established.		
2018 (Heisei 30)	September	Capacity of the deep hydrodesulfurization unit was augmented to 33,000 barrels/day.		
2019 (Heisei 31)	March	Capital was reduced to JPY 400 million.		



Members of the Board	
Representative director	Yutaka Oka
Member of the board	Shinji Nakayama
Representative director	Teruaki Sasaki
Member of the board	Takahiro Yamamoto
Audit & Supervisory Board Members	Kiyofumi Ogawa
Audit & Supervisory Board Members	Azuma Bitou
Audit & Supervisory Board Members	Yutaka Wakaki
Executive Officers President & CEO	Yutaka Oka

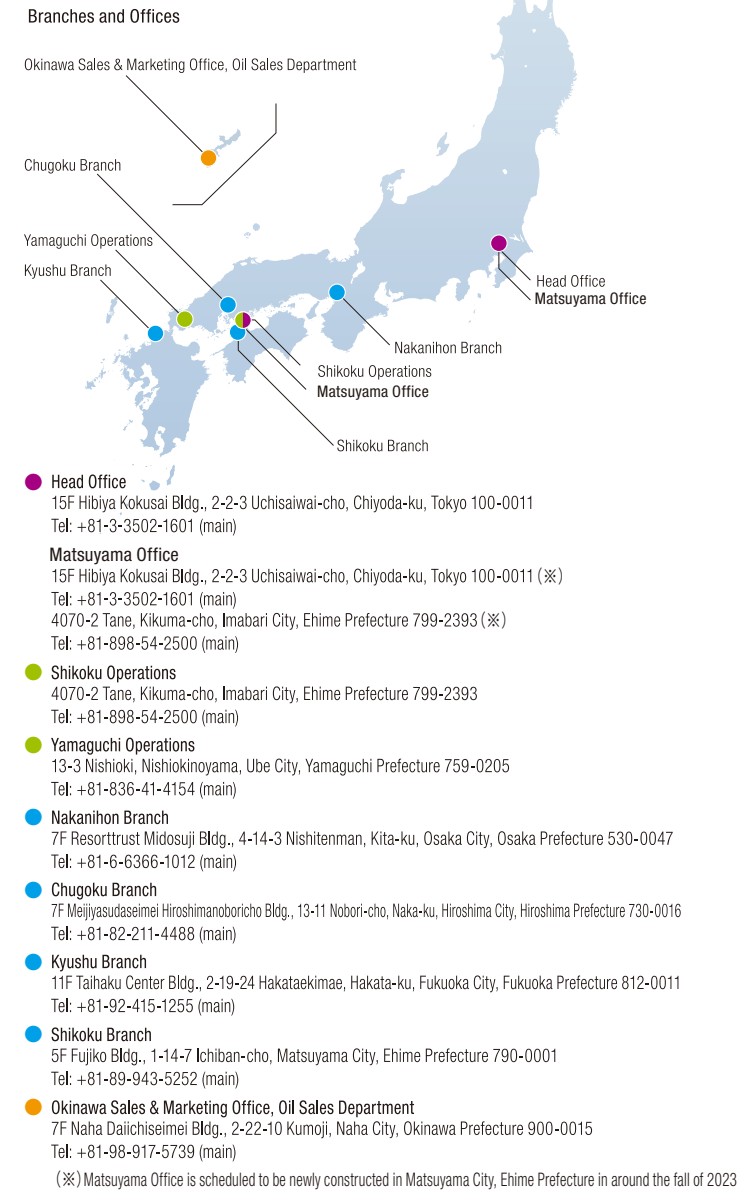
Capital
JPY 400 million (as of March 31, 2023)

Business Lines

- Import, export, refining and sales of petroleum
- Manufacturing, processing and sales of petrochemical-based products such as benzene and xylene

Saudi Aramco (Saudi Arabia)	Mitsubishi Corporation
Brunei Shell Petroleum Company Sdn Bhd (Brunei)	Mitsui & Co., Ltd.
Petronas (Malaysia)	Mitsui Chemicals, Inc.
Japan Petroleum Exploration Co., Ltd.	LOTTE Chemical Corporation
INPEX CORPORATION	Tosoh Corporation
Kanematsu Corporation	Sumitomo Chemical Co., Ltd.
Hanwa Co., Ltd.	

Development Bank of Japan Inc.	MUFG Bank, Ltd.
Sumitomo Mitsui Banking Corporation	Mizuho Trust & Banking Co., Ltd.
Mizuho Bank, Ltd.	Sumitomo Mitsui Trust Bank, Limited



Affiliated Companies

Taiyo Techno Service Co., Ltd.	
Head Office:	4070-2 Tane, Kikuma-cho, Imabari City, Ehime Prefecture
Establishment:	August 1960
Capital:	JPY 95 million
Business Lines:	Land and sea transportation, receiving and delivering of oil, contracting for construction projects
Tel:	+81-898-54-4800 (main)

Head Office:	6F Matsuyama Ekimae Bldg., 186-4 Miyata-cho, Matsuyama City, Ehime Prefecture
Establishment:	February 1970
Capital:	JPY 85 million
Business Lines:	Sales of petroleum products, maintenance of automobiles, damage insurance agency business
Tel:	+81-89-904-9200 (main)

Head Office:	858 Onaha, Nishihara-cho, Nakagami-gun, Okinawa Prefecture
Establishment:	May 1968
Capital:	JPY 105 million
Business Lines:	Receiving and delivering of oil, operation and management of oil terminals
Tel:	+81-98-882-9555 (main)

Taiyo International Private Limited.	
Head Office:	20 Anson Road, #09-03 Twenty Anson Singapore 079912
Establishment:	October 1979
Capital:	S\$ 1.5 million
Business Lines:	Sales and import/export of crude oil and petroleum products
Tel:	+65-6222-2912 (main)

Corporate Brochure

Investment Stake in Affiliated Companies

