MITSUI OIL EXPLORATION CO., LTD.

Hibiya Central Bldg., 2-9 Nishi-Shimbashi 1-chome, Minato-ku, Tokyo 105-0003, Japan TEL:+81-3-3502-5786 FAX:+81-3-3502-7686

www.moeco.co.jp/en/

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Overseas	Offices			24. 24.
Thailand	Bangkok Office 31F, Q House Lumpini Bldg., 1 South Sathorn Road, Tungmahame Sathorn, Bangkok 10120, Thailand TEL:+66-2-677-7520 FAX:+66-2-677-7527	k.		
	Siam Moeco Ltd. (SML) 31F, Q House Lumpini Bldg., 1 South Sathorn Road, Tungmahame Sathorn, Bangkok 10120, Thailand TEL:+66-2-677-7530 FAX:+66-2-677-7532	k.		
Vietnam	Ho Chi Minh City Office Unit 2&3, Level 13, Saigon Centre, 65 Le Loi Boulevard, District 1, Ho Chi Minh City, Vietnam TEL:+84-8-3821-2693/2694 FAX:+84-8-3821-2661			
	Hanoi Office Suite 1001, 10th Floor, Hanoi Central Office Building, 44B Ly Thuc Kiet Street, Hanoi, Vietnam TEL:+84-4-3936-9095/9096 FAX:+84-4-3936-9097	ng	AN SE	
Indonesia	Jakarta Office Menara BCA 51st Floor, Grand, Jl. M. H. Thamrin No.1, Jakarta 10310 TEL:+62-21-2358-6180 FAX:+62-21-2358-6183			
USA	MOEX USA Corporation 9 Greenway Plaza, Suite 1220, Houston, Texas 77046, USA TEL:+1-713-532-8887/8891 FAX:+1-713-532-8510			
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# NDECO

## CORPORATE

## GUIDE





## **Contribution to the Future**

## Seeking, developing, and delivering tomorrow's energy resources together with global partners

Mitsui Oil Exploration Co., Ltd. (MOECO) is expanding our passion for resource development from our core area of Southeast Asia to North America, the Middle East, North Africa, and across the globe under the philosophy of contributing to society through the stable supply of oil and natural gas. While giving consideration to the global environment, we take a long-term approach to develop tomorrow's oil and natural gas. What we develop is the future.

## •:• Corporate Vision

As a global oil and gas exploration and production company, we have a strong commitment to health, safety, and the environment. We conduct highly transparent business management with full compliance and a strong internal controls system. By achieving sustained growth, we reward our shareholders, employees, and all other stakeholders while contributing to the public through the development and supply of oil and natural gas.

Core Area Business Southeast Asia

cond Core Area Business Middle East/ North Africa

**Operator Project** 

# MAECO

三件石油開発株式会社 MITSUI OIL EXPLORATION CO., LTD.

**MOECO** aims to become an "Excellent Company" of E&P that is highly regarded by all of our stakeholders.

Yoshiyuki Kagawa 2 Kapa

President and Chief Executive Officer Mitsui Oil Exploration Co., Ltd.

## MOECO's mission is the stable supply of oil and natural gas as an E&P* company.

Ever since its founding in 1969, MOECO has worked for the stable provision of oil and natural gas as one of the core energy sector companies of the Mitsui Group. Our mission is to contribute to society through exploration, development, and production of oil and natural gas as an E&P company.

*E&P: Exploration and Production

### We are expanding our business mainly in Southeast Asia and internationally to diversify our business portfolio.

MOECO presently possesses a total of 1,039 million barrels of oil equivalent (BOE) of reserves around the world, including in Southeast Asia, primarily Thailand, and in the Middle East, North Africa, North America, and Japan. Our production is currently 92,000 BOE/day. As a global E&P company, it is essential for MOECO's growth to hold high quality assets over the world based on our portfolio strategy and steadily expand our reserves and production volume. By 2015, MOECO aims to increase reserves to 1,150 million BOE and production to 155,000 BOE/day. To achieve these goals, MOECO develops strong

partnerships with the

governments of oil-producing countries, national oil companies, and the global E&P companies. One of MOECO's key strategies is to be trusted by stakeholders worldwide, and to be highly respected so that such partners are eager to collaborate with us.

## MOECO believes that the requirement to be an "Excellent Company" is to take a long-term perspective and have a strategy for growth.

Oil and natural gas will likely remain core energy sources over the long term. To achieve continuous growth under those conditions, MOECO secures assets, both conventional and unconventional, through exploration activities and asset acquisitions. MOECO is also taking on the challenges of acquiring and developing operator projects and shale gas projects.

company is not determined solely by the scale of its production and reserves. An "Excellent Company" must have a multifaceted vision encompassing finances, human resources, and working environments, as well as a solid growth strategy.

MOECO aims to be an "Excellent Company," and we are working at further development in collaboration with our global partners.

## Message from President & CEO

- The value of an oil and gas E&P

### HSE* management for protecting the health and safety of our employees and the global environment is our another important issue.

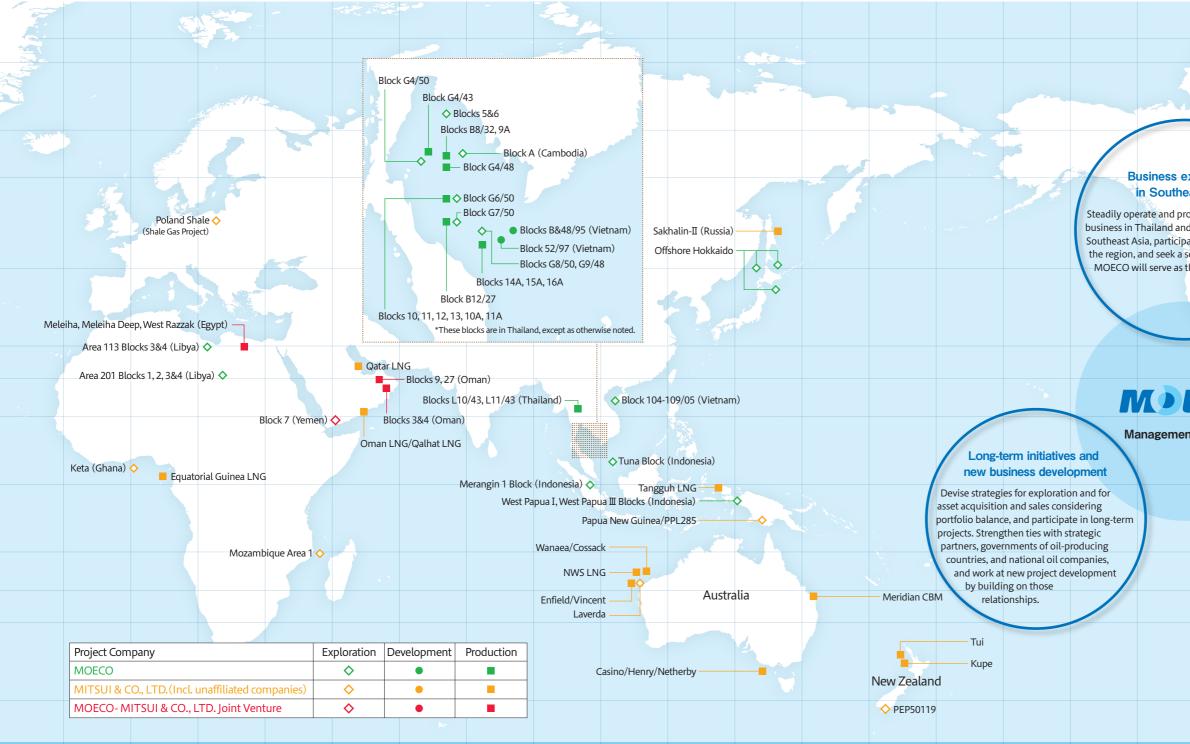
Emphasizing employee health and safety and conducting business in harmony with the global environment are also important to MOECO as an E&P company. MOECO is one of the companies to receive both ISO14001 and OHSAS18001 international standards certifications. We follow an HSE management system based on our HSE philosophy.

While conducting business with consideration for people and the global environment, MOECO continues to embrace the challenge of discovering our future energy.

*HSE: Health (employee health), Safety (operations safety), Environment (the global environment)

## **HSE** Philosophy

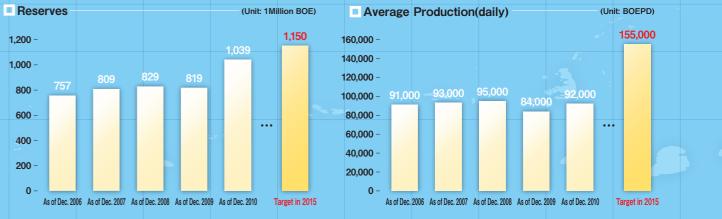
We place the health and safety of people and protection of the environment as a key focus of our business. Our philosophy is to be an E&P company with a reputation for meeting or exceeding accepted legal, regulatory, and ethical HSE standards. We will set and maintain our HSE management system to the highest levels possible in order to protect people and the environment while promoting sustainable global development.



## **Business expansion** in Southeast Asia Steadily operate and promote existing business in Thailand and elsewhere in Southeast Asia, participate in new projects in the region, and seek a second project where United States of America MOECO will serve as the operator. Marcellus Shale (Shale Gas Project) Eagle Ford Shale (Shale Gas Project) Μ)ΕСО Management Strategy **Business base establishment** in the Middle East. North Africa, and North America To strengthen management foundations both mid-term and long-term, secure core businesses outside the Gulf of Thailand region by establishing business foundations in the Middle East, North Africa, and North America. As of Dec. 2011 Building up Superior Assets for Steady Growth (Unit: 1Million BOE) Average Production(daily) (Unit: BOEPD)

## Building our energy future— MOECO keeps expanding worldwide

MOECO is maintaining and expanding reserves and production as a company which contributes to global society. At MOECO, we advance our business with three management strategies to establish a stable corporate foundation into the future. We are engaged in exploration, development, and production in 10 countries, mainly in Southeast Asia, and are expanding the range of resources we handle from conventional oil and natural gas to include unconventional shale gas.





# Thailand

Contributing to the economic development of Thailand by supplying oil and natural gas over many years

Minoru Fukuda Director General Manager of Bangkok Office

#### MOECO's largest overseas base, with a history of over 40 years

MOECO has positioned Thailand and the rest of Southeast Asia as our core area and has been engaged in the exploration, development, and production of oil and natural gas in this region for many years. MOECO has contributed to the economic development of Thailand through oil and natural gas supply, earning a high reputation in that country. MOECO's business in Thailand began from June 1970, when we received an interest in Blocks 10 and 11 from Mitsui Mining Co., Ltd. We have built up our business foundation in Thailand by steadily expanding our operational areas and increasing gas sales contracts. The Bangkok Office opened in 1972 is our largest overseas base with approximately 80 employees.

MOECO's first production project. celebrated 30 years of production in 2011

Platong Gas II is a project to increase production by 330 million cubic feet of natural gas plus condensate per day. To respond to Thailand's robust energy demand, this project included the installation of new production and processing facilities adjacent to the original Platong facilities, with additional platforms and production wells. Platong Gas II began supplying gas from October 2011.

#### MOECO's first operator project, based on long years of performance

MOECO is also carrying out our first operator project onshore in northern Thailand. We acquired exploration interest of Blocks L10/43 and L11/43 by a tender in January 2004, and the project is being implemented by our subsidiary SML together with GS Caltex of South Korea, as a partner. Our many years of business experience in Thailand led to the realization of an operator project, which was one of our targets. Preparatory works for development are now advancing, with full-scale oil production expected to begin around the middle of 2012.

MOECO will continue to make use of our experience in Thailand and other parts of Southeast Asia with an aim toward further business expansion and development, including a second operator project.

*MOECO subsidian

### ♦ History

1970 June MOECO acquired an interest in Blocks 10 and 11 (offshore) from Mitsui Mining 1979 Mar. MOECO acquired an interest in Blocks 12 and 13 (offshore) via the purchase of shares in South East Asia Petroleum Exploration 1982 May Concluded second gas sales contract offshore Thailand. 1989 Oct. Concluded third gas sales contract offshore Thailand. 1990 Apr. Moeco Thai Oil Development* acquired an interest in Block B12/27 (offshore).

1999 June Moeco Thailand* acquired an interest in Blocks 14A, 15A, and 16A (offshore). 2004 Jan. SML* acquired an interest in Blocks

L10/43 and L11/43 (onshore). 2004 Sept. MOECO acquired an interest in Block G4/43 (offshore).

2005 Aug. MOECO International* acquired an interest in Blocks 8/32 and 9A (offshore)

2007 Dec. MOECO acquired an interest in Blocks G4/50, G6/50, G7/50, and G8/50 (offshore). 2009 July MOECO acquired an interest in Block G4/48 (offshore). 2009 Nov. MOECO acquired an interest in Block G9/48 (offshore).

## Core Area **Business**

# Southeast Asia

Developing projects in the growing Southeast Asian countries, including our gas business in Vietnam



igning ceremony for a Heads of Agreement (HOA) on Front End Engineering and Design (FEED) works for Vietnam Blocks B&48/95 and Block 52/97

In our core area of Southeast Asia, in addition to our primary operations in Thailand, MOECO is developing businesses in Vietnam, Indonesia, and Cambodia. We maintain overseas offices in Hanoi and Ho Chi Minh City in Vietnam, and in Jakarta, Indonesia and are working to further expand business in this region.

#### From natural gas E&P through to supply—our gas business contributes to the economic growth of Vietnam

In Vietnam, MOECO is participating in two offshore projects in the northeast and the southwest. It has already been confirmed that Blocks B&48/95 and the adjacent Block 52/97 in the southwest hold substantial volumes of natural gas and condensate, and preparatory works are now under way toward development.

These efforts are being advanced as a unified project from upstream through downstream, including natural gas development and production, the laying of pipeline, and gas-fired electricity generation. MOECO is involved in the upstream natural gas development and production works, and also in the midstream pipeline works. Once production begins, the

plan is to provide stable supply of several hundred million cubic feet of natural gas per day for over 20 years, and transport it through pipelines for sales to electric power plants. This project is expected to make a great contribution to economic growth and electricity supply in Vietnam where there are concerns over future electricity shortages.

#### New E&P Projects in Indonesia and Cambodia

In Indonesia, MOECO is advancing exploration works in four blocks: the Merangin I Block onshore in southern Sumatra, the Tuna Block in the Natuna Sea, and the West Papua I Block and III Block in West Irian Jaya.

In Cambodia, MOECO acquired Block A based on our business experience in offshore Thailand, expanding our core area. The subsequent exploration works have confirmed the existence of oil and natural gas. Preparatory works for development and production are now moving forward so that Cambodia will achieve its cherished desire of producing its "first oil." Our subsidiary Moeco Cambodia Oil & Gas Co., Ltd. is now conducting an onshore geological and geophysical survey as a contractor

## Thailand Average Daily Production in 2011 (MOECO Net) Natural gas: 303.8 MMcf/d Oil: 24.247 bbl/d

Steadily advancing multiple projects such as Erawan, which is now operating 30 years

Central processing platform of Arthit Proje

Major items in our Thai business in recent years include the start of production from Arthit, the 30th anniversary of Erawan Project, the initiation of Platong Gas II Project, and the achievement of our first operator business by Siam Moeco Ltd. (SML). Arthit is a gas production project in Blocks 14A, 15A, and 16A in the southeastern Gulf of Thailand. MOECO and Chevron Corporation joined this project in June 1999, and it has been producing natural gas condensate since March 2008.

The Erawan Project, which was

Southeast Asia

Yusuke Kuwauchi General Manager for Vietnam & Chief Representative Ho Chi Minh City Office

Tomonari Minezaki Chief Representative Jakarta Office





under the basic agreement between Japan Oil, Gas and Metals National Corporation (JOGMEC) and Cambodian National Petroleum Authority. The survey can lead to future acquisition of the interest in Cambodia.

●History			*MOECO subsidiary
1996	May	Moeco Vietnam Petrol an interest in Block B c	
1999	Oct.	Moeco Southwest Vietnam an interest in Block 52/97	
2002	Mar.	Moeco Cambodia* ac interest in Block A off	
2005	July	Moeco Merangin* a interest in Merangin onshore in southern	I Block
2007	Mar.	Moeco Tuna E&P acq in the Tuna Block offs	
2008	Feb.	Moeco (Song Hong) interest in Block 104 offshore northeast \	4-109/05
2008	Sept.	MOECO opened its	Jakarta Office.
2008	Nov.	MOECO opened its	Hanoi Office.
2010	May	Moeco West Papua 1* Papua 3* acquired inte Papua I Block and the Block onshore and offs	rests in the West West Papua III
2010	Dec.	MOECO opened its Ho C	hi Minh City Office.



## North America

Developing shale gas, a global focused unconventional energy resource

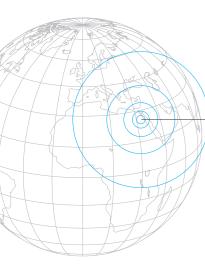


Yoji Murachi Director General Manager of New Ventures & Asset Management Division

MOECO is advancing business in the United States, Oman, Yemen, Egypt, and Libya to develop North America, the Middle East, and North Africa as a second core area following Southeast Asia.

#### North America—Participating in the shale gas business which will lead to MOECO's continued growth

In North America, in February 2010, MOECO joined a shale gas project operated by Anadarko Petroleum Corporation in the state of Pennsylvania via Mitsui E&P USA LLC (MEPUSA), a joint



The Middle East and North Africa-

increasing reserves

onshore Block 7.

Blocks 1, 2, 3, and 4.

♦ History

Advancing exploration works toward

MOECO is conducting exploration and

Oman, oil and natural gas are being

production works in Oman and Yemen in the Middle East, and in Egypt in North Africa, via

Mitsui E&P Middle East B.V. (MEPME), a joint venture of MOECO and Mitsui & Co., Ltd. In

produced from onshore Blocks 9 and 27 in

the east, and from Blocks 3 and 4. In Yemen,

we are also engaged in exploratory works in

production volumes since acquiring interests

in the three onshore blocks Meleiha, Meleiha

Deep, and West Razzak. Oil and natural gas

is being produced from blocks in Oman and

Egypt while conducting further exploration in

In Libya, our subsidiary Moeco Libya Co.,

2002 Feb. MOEX USA opened its office in Houston, Texas.

2002 June MEPME acquired an interest in Block 9

2002 Oct. MEPME acquired an interest in Block 27 onshore in Oman.

2006 Dec. Moeco Libya* acquired interests in Area 113 Blocks 3 and 4 and Area 201

Blocks 1, 2, 3, and 4 in Libva. 2009 Nov. MEMPME acquired an interest in Block 7 onshore in Yemen.

2010 Feb. MEPUSA acquired an interest in a shale gas project in Pennsylvania, U.S.

2010 May MEPME acquired interests in Blocks 3 and 4 onshore in Oman.

2010 June MEPME acquired interests in three

blocks onshore in Egypt.

onshore in Oman.

*MOECO subsidian

Ltd. is conducting exploration activities in

Area 113: Blocks 3 and 4 and Area 201:

these blocks to expand reserves.

In Egypt, we have maintained stable

North America

Average Daily Production in 2011 (MOECO Net) Natural gas: 25.6 MMcf/d

Drilling site for Marcellus Shale ga

venture of MOECO and Mitsui & Co., Ltd. This is MOECO's first development of unconventional resources, and adding the shale gas business to our conventional oil and natural gas operations will strengthen the company's business portfolio. MEPUSA is working to further expand our unconventional resource development efforts from its office in Houston. Texas. The Marcellus Shale layer, from which

the gas is being produced, is distributed in four northeastern states in the United States including Pennsylvania. It is said to be the largest natural gas reserve in the country, and is also expected to become the most important natural gas supply source in the northeast. At its peak, the project is planned to produce 360-460 million cubic feet per day (MEPUSA's interest), with an exceptionally long production period of about 60 years, facilitating MOECO's continued growth. This project will greatly contribute to MOECO's future revenues.

#### Middle East & North Africa

Average Daily Production in 2011 (MOECO Net)

> Natural gas: 13.2 MMcf/d Oil: 13,186 bbl/d

Middle East & North Africa



Corporate Profile

Company Name	Mit
Head Office	Hib Tok TEL
Date of Establishment	July
Representative	Yos
Paid-in Capital	33
Net Sales	97,
Number of Employees	14(
Average Age	42
Business Activities	∙Ex na ∙In\

Financial data

	2009/03	2010/03	2011/03
Net Sales	98,988	73,059	97,221
Ordinary Income	77,048	45,018	71,551
Net Income	40,970	18,661	-66,907
Earnings per share (Yen)	618 Yen	282 Yen	-1,009 Yen
Total Assets	367,598	379,365	404,103
Equity	268,918	281,442	202,588

*Financial highlights (consolidated)



tsui Oil Exploration Co., Ltd.

biya Central Bldg., 2-9 Nishi-Shimbashi 1-chome, Minato-ku, kyo 105-0003, Japan

L:+81-3-3502-5786 FAX:+81-3-3502-7686

v 19. 1969

shiyuki Kagawa, President and Chief Executive Officer

3,133.4 million Yen

221 million Yen (as of March 31, 2011)

0 (as of March 31, 2011)

years old (as of March 31, 2011)

ploration, development, production and sales of crude oil, atural gas and other hydrocarbon resources vestment in oil & gas exploration projects and companies

(Unit: Million Yen)

