Increased oil recovery every single day

**LEADING**
in seismic imaging and interpretation

- Become a leading exploration company
- Contribute to adding quality prospects in areas with complex geology

**Pushing reservoir characterisation and recovery to the NEXT LEVEL**

- Enable faster maturation of resources and reserves
- Contribute to adding 1.5 billion boe to reserves within 2020

**STEP CHANGE**
in well construction efficiency

- 30 per cent reduction in well construction time by 2020
- 15 per cent reduction in well construction cost by 2020

Taking subsea

**LONGER, DEEPER, COLDER**

- Subsea gas compression by 2015
- Subsea factory by 2020

2,000,000,000 barrels of oil with recovery rates up to 70%

www.statol.com
RESPONSIBLE CARE

Social responsibility, environmental protection and operational excellence are the sine qua non of ADMA-OPCO.

History, People and Innovation... Driving Our Future

Abu Dhabi National Oil Company (ADNOC) was established in 1971, to operate in all areas of the oil and gas industry and since then has steadily broadened its activity establishing companies and subsidiaries and creating an integrated oil and gas industry in the fields of exploration and production, support services, oil refining and gas processing, chemical and petrochemical, maritime transportation and refined products distribution.

The Supreme Petroleum Council (SPC), chaired by H.H. Sheikh Khalifa Bin Zayed Al Nahyan, President of the UAE, formulates and oversees the implementation of Abu Dhabi petroleum strategies and policies.

ADNOC’s efforts in the exploration and production field have concentrated on assessing undiscovered reserves and optimizing hydrocarbon recovery by improving the reservoir management.

Giving top priority to education, ADNOC established a number of institutions that train and develop a qualified UAE cadre for energy sector. Glebe College, the Petroleum Institute, the ADNOC Technical Institute, the Achievers’ Oasis and other scholarship programs are but a few examples of ADNOC’s educational projects.

Abu Dhabi National Oil Company (ADNOC)
www.adnoc.ae
ADGAS is a low - emissions energy producer with a firmly established philosophy on environmental awareness and concern. Protecting the environment and marine ecology, and mitigating the impact of flaring and pollution are the top priorities at ADGAS.

With our processes, products and business culture we are creating an environmentally conscious modus operandi

ADGAS employees and their families participate in several activities that address environmental and sustainability issues which are now embedded principles in the daily life and lifestyles of our ADGAS family.

www.adgas.com
Our first consideration is conservation with a renewed commitment to preserve the marine life and cleanliness.
GASCO is committed to being a responsible employer, a reliable business partner and a forward-thinking, environmentally conscious operator.

With Value-added products, efficient processes, and highly trained and motivated people, GASCO is preparing for a bright future for the UAE’s energy industry by focusing on local content, providing an excellent work-place for our employees and preserving the resources for the generations of tomorrow.
Oil, natural gas and solar energy – 100,000 women and men

COMMITTED TO BETTER ENERGY
The UAE is diversifying its economy to address surging energy demand. Through downstream diversification, more efficient hydrocarbons extraction and processing and cleaner, more sustainable electric generation, the country hopes to add value to its hydrocarbons resources. Possessing nearly 6 percent of global oil reserves and 3 percent of the world’s gas supplies allowed it to weather the global financial crisis.
Be strong. 
Be first.

It takes bold strides to get to the top. At FGB, we help you seize opportunities to expand your business into new markets. Our expertise and strong network helps us bring together insights to guide you as you lead the way in global markets.

Transaction banking - Financing - Advisory - Global Markets - Islamic Solutions
Business Banking - Personal Banking Solutions - Global Wealth Management

UAE - QATAR - INDIA - SINGAPORE - HONG KONG - SOUTH KOREA - UNITED KINGDOM - LIBYA
www.fgb.ae
Abu Dhabi is in need of oilfield services companies able to locate and develop new hydrocarbons pockets for its numerous large-scale projects. To achieve these goals, services firms are offering advanced technology, such as seismic surveying and extended-reach drilling, that target hard-to-reach deposits. Abu Dhabi is also investing heavily in enhancing the number of rigs available for upstream operations.
Oil dependence will require the expansion of renewable energy resources and heavy industries, as well as the integration of plants and facilities.
Navigating Complexity
Unlocking Potential

Turning complex and challenging fields into commercial successes has been the cornerstone of Maersk Oil’s business since 1962.

Using innovative technologies to overcome challenges is what we do best. Maersk Oil’s horizontal well technology has opened up the tight reservoirs of the Danish North Sea and Qatar’s Al Shaheen field, with over 1.4 billion barrels of oil produced to date, and contributing one third of the country’s daily oil production.

Maersk Oil is the natural upstream oil and gas partner for the Middle East. In addition to Qatar, the company is engaged in exploration and production activities in Kurdistan and Algeria and has had a permanent presence in Abu Dhabi since 2011. The company operates or is a partner in upstream operations in eleven countries worldwide.

Explore more at maersk Oil and maersk oil trigen.com
Maersk Oil is a wholly owned subsidiary of the Maersk Group, a global conglomerate with interests in shipping, energy and logistics. Maersk Group generated a 2013 profit of US$ 3.8 billion on revenues of US$ 47.4 billion.
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H.E. Suhail Mohamed Faraj AL MAZROUEI  
Minister of Energy

16  Global connection  
H.E. Abdulla Nasser AL SUWAIDI  
Director General  
ABU DHABI NATIONAL OIL COMPANY
A sustainable future

The UAE’s Ministry of Energy works with the Abu Dhabi National Oil Company (ADNOC) and Abu Dhabi’s Supreme Petroleum Council to meet production and distribution targets. Minister of Energy H.E. Suhail Mohamed Faraj Al Mazrouei talks to TOGY about developing new oil, gas and alternative resources to ensure long-term sustainability and reinforce the country’s energy security.

What is driving the decision to increase crude production capacity to 3.5 million barrels of oil per day (bopd) by 2017?

Our growing economy requires more resources year after year. Abu Dhabi has made the decision to increase its hydrocarbons output in response to growing demand from the UAE. Part of that increase will be made by the ongoing expansion of the UAE’s refining capacity, from 500,000 barrels of oil equivalent per day (boe) up to 920,000 boe.

We decided to develop some of our new fields and ADNOC has signed exploration agreements at new concessions with the China National Petroleum Corporation and the Korea National Oil Company. In addition to developing more resources, ADNOC is targeting production of 1.8 million bopd from onshore fields, an increase from the current 1.6 million bopd.

Our offshore production is also being increased. One of our offshore operators, the Abu Dhabi Marine Operating Company, is raising its production target to 1 million boe. The other, the Zakum Development Company, is close to its targeted 750,000 bopd. With these increases, we hope to attain a production capacity of 3.5 million bopd by 2017. We believe that this capacity will be needed, though not necessarily by 2017.

The International Energy Agency has forecasted that demand for crude from OPEC members will not exceed 30 million bopd before 2017. However, Abu Dhabi is expecting requests from its trading partners to increase their oil allocations by 2020. We envision increased demand for our crude from both our trading partners and the UAE, and that is why these production targets have been set.

What additional resources are available for Abu Dhabi to use in order to meet the UAE’s increasing electricity demand?

The UAE imports almost half of the natural gas it requires for power generation in the form of LNG. This is because most of the gas produced from our own reserves is reinjected into our fields to maintain pressure.

In order to secure more gas for generation feedstock, we, along with ADNOC and its partners, have moved ahead with plans to further develop additional resources, including sour and tight gas, which will also result in the additional production of condensates.

In addition to this, we are engaging with international oil companies that possess a high level of technological proficiency in order to find ways of reducing or replacing the reinjected gas and freeing it for power generation, consumption and alternative uses, such as carbon capture and underground storage and gaseous nitrogen capture.

Even though these projects will enhance Abu Dhabi’s gas supply chain, the UAE is still expecting to import more natural gas in the future to meet domestic demand. EmiratesLNG, which is a joint venture developing a regasification facility in Fujairah, will import close to 9 million tonnes per year of LNG for power generation and regasification. The more we develop our domestic gas resources, the cheaper LNG imports will become, so it is economic for us to do this despite the large capital expenditure it requires.

How much progress has Abu Dhabi made in the replacement of associated gas for reinjection into mature reservoirs?

We commissioned a nitrogen plant at Mirfa, which is operated by the ADNOC Linde Industrial Gases Company. This company supplies nitrogen to the Habshan onshore processing complex for compression and injection into the nearby Thammama gas reservoirs.

The ministry has also sanctioned a joint venture between ADNOC and the Abu Dhabi Future Energy Company to capture carbon dioxide from the steel plant operated by state-owned Emirates Steel Industries and inject it into the Thammama reservoirs via Habshan.

We expect to commission more of these kinds of projects in the future to boost gas production, but we are looking for the best reservoirs to target for injection.

How does the ministry’s relations with ADNOC complement its role in retaining market stability and supply security?

Managing market dynamics is best achieved by sharing all the information received from the various bodies upon which the Ministry