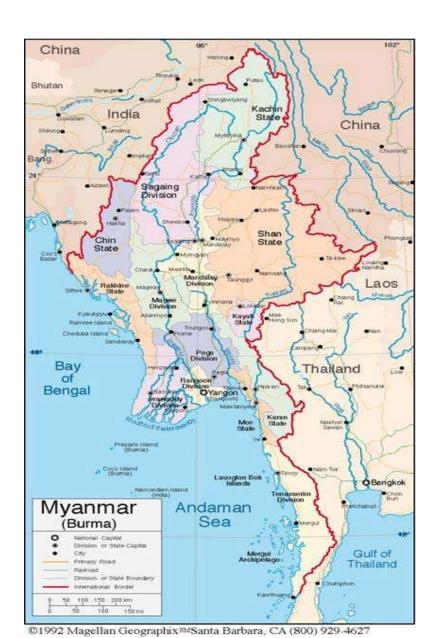
## Impacts of Oil & Gas Projects in Burma

Arakan Oil Watch (Burma)



Oil Watch Southeast Asia Regional Meeting

## **Geography of Burma**



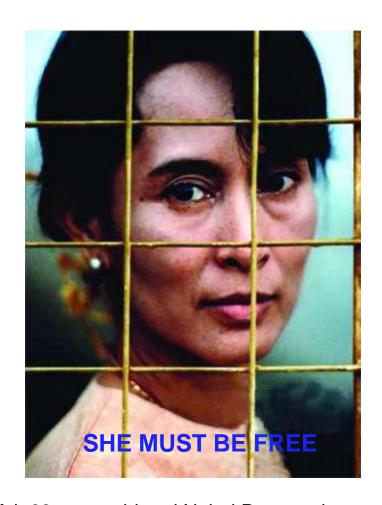
#### Arakan Map



- -Area is 36,762 km<sup>2</sup>
- -Estimated population is 3 million
- -Capital city is Sittway

## Burma's political situation in brief

- Burma has been under military rule since 1962
- National uprising in 1988.
- National election in 1990: National League for Democracy (NLD), led by Aung San Suu Kyi, won a landslide victory with 82% of parliamentary seats
- Instead of transferring power to NLD, the military arrested and tortured many MPs.
- Saffron Revolution in 2007
- Election law announced by SPDC
- NLD not participating in 2010 election



- Pro-democracy leader Aung San Suu Kyi, 63 years old and Nobel Peace prize winner, has spent more than 12of the past 18 years in detention.
- Over 2,100 political prisoners are still held in Burmese prisons.

# Burma is a poor country under current brutal regime

- At independence, Burma was one of Asia's richest countries. Now it is among the poorest.
- Most of the people live under 1US\$ per day.
- IDP 540,000 by war or human rights abuses.
- Estimated 155,000 people live in refugee camps along the Thai-Burma border.
- The economy is mismanaged. People cannot afford even basic needs due to chronic inflation in the hundreds of percent.
- An estimated 35% of children under 5 years old suffer from malnutrition.
- Junta and cronies are very, very rich, even though 57 million people are facing poverty.



## Burma Crisis: Aug-Sep, 2007





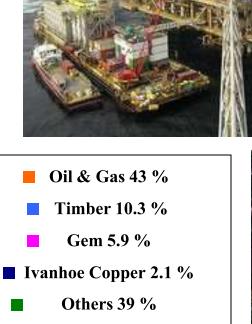




### Burma is resource rich

- Oil & Gas
- Gems
- Ruby & Jade
- Timber
- Hydropower

Oil&Gas









# Oil and Gas: Largest source of revenue for Than Shwe's regime

- 2.16 billion US\$ from gas exports to Thailand by inland pipeline, (accounting for 43% of total exports in 2007)
- Doubled from the last year 1.08 billion US\$



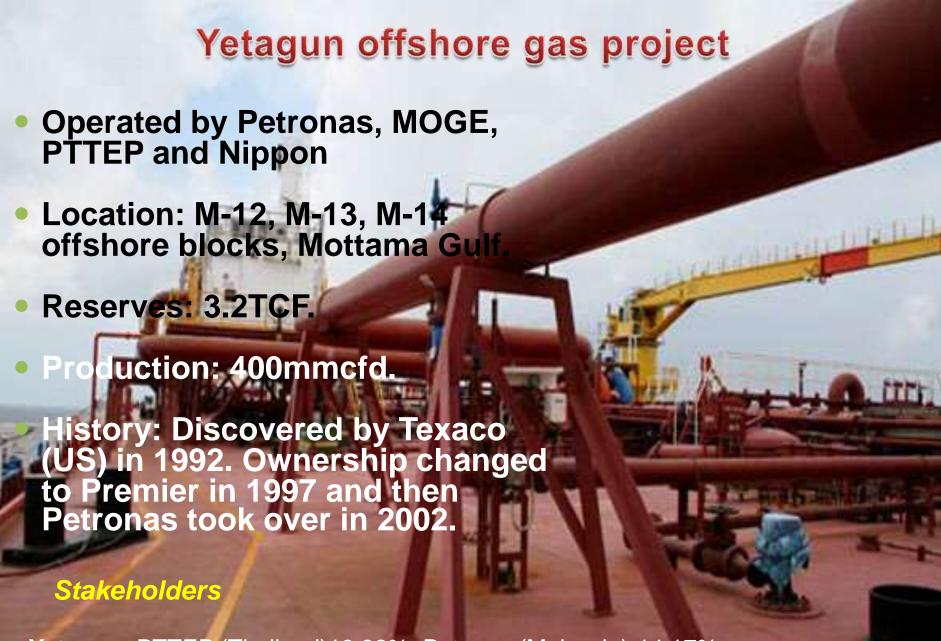
# Yadana and Yetagon Gas Projects (9.7 tcf)

- Yadana offshore project
- Operated by Total, Myanmar Unocal, PTTEP, MOGE.
- Location: The Yadana project incorporates the M-5 and M-6 offshore blocks in the Mottama Gulf.
- Reserves: 6.5TCF.
- Production: The project exports 600 million cubic feet of gas per day (mmcfd) to Thailand, while another 125mmcfd is diverted for domestic use.
- History: MOGE discovered the Yadana gas field, which provides a large chunk of the nation's energy needs, in 1982. Gas exports from the field to Thailand, via a pipeline, started in 1998.



#### Stakeholders

**Yadana:** Total (France)-31%, Chevron (formerly UNOCAL, USA)-28%, PTTEP (Thailand)-26% MOGE (Burmese military)-15%

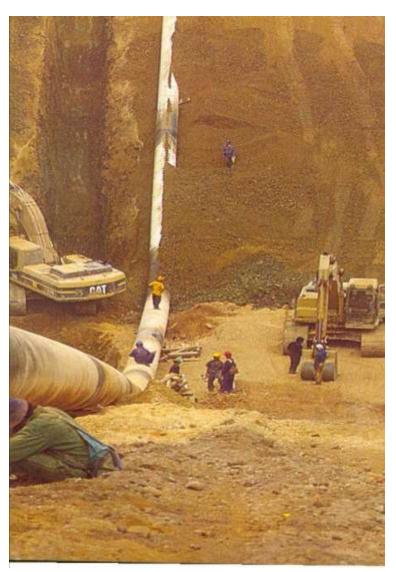


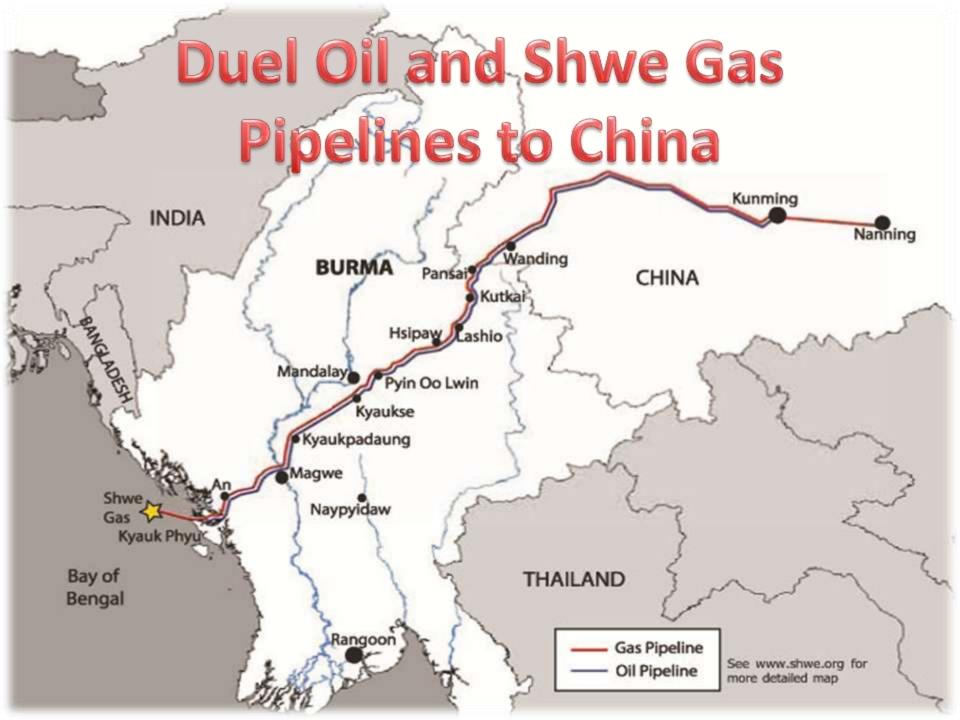
Yetagun: PTTEP (Thailand)19.32%, Petronas(Malaysia)-14.17%, Nippon oil exploration-14.17%, MOGE (Myanmar)-15%

# Impacts from Thai-Burma pipeline construction

#### Abuses:

- Land confiscation
- Force relocation
- Force labor
- Rape case
- Torture
- Law sue the companies

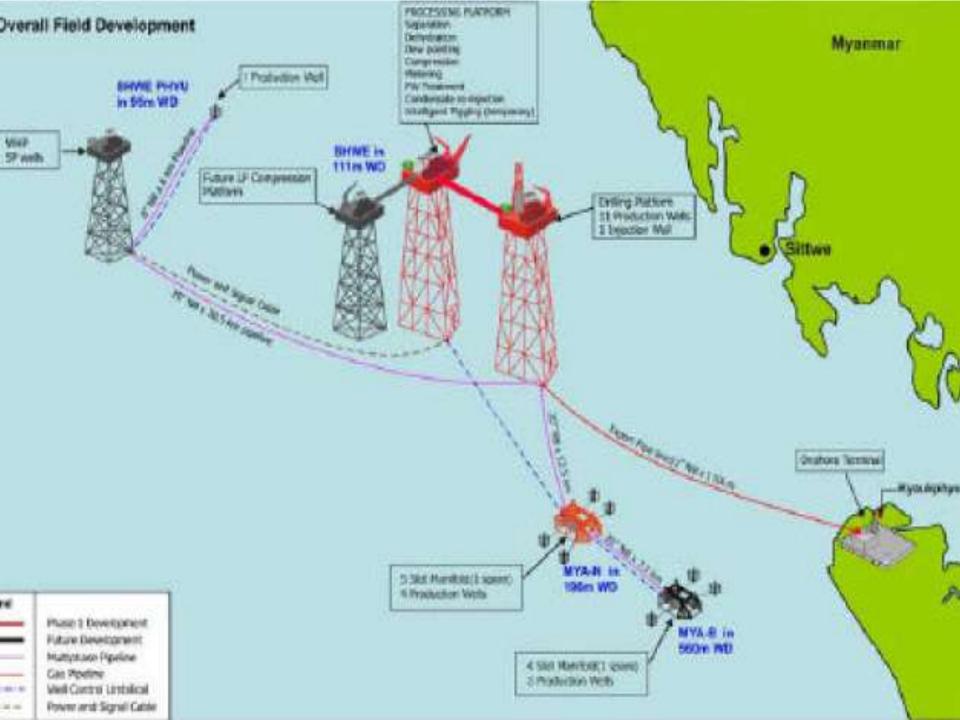




# Duel Oil and Shwe Gas pipelines has started since 2009

- Oil and Gas pipeline construction start late 2009 and will complete in 2013
- Abuses start since beginning of pipelines construction
- Oil and Gas pipeline threaten human rights and Env abuses





## Burma's the largest (SHWE) gas field

- Shwe Gas The A-1 and A-3 offshore fields have proven reserves of 5.7 to 10 trillion cubic feet (tcf) with up to 8.6 tcf recoverable, according to U.S.-based international certification agency GCA.
- Reserves: The fields hold confirmed reserves of up to 9.1 trillion cubic feet (tcf) of natural gas, of which 4.5 to 7.7 tcf is recoverable.
- Production: Production from both gas fields is expected to begin in 2013.
- History: The A-1 block was discovered in January 2004, by Daewoo. The block A-3 was located in January 2006.
- Stake holder,
- Operator Daewoo International of S.Korea 's Daewoo, KOGAS, ONGC, Gail, MOGE
- Production are planned in 2013, CNPC is gas buyer.



Shwe Gas field

27-Jul-10 14

### Revenue for Military regime?

- Annual transit free: \$ 150 million per year for 30 years for a total of \$ 4.5 billion
- Estimated revenues from the sale of the natural gas: \$ 29.2 billion
- The sale of the Shwe Gas will provide the junta with an additional \$ 970 million annually. This does not include signature bonuses and other unofficial payments that would be part of the Shwe Gas

## Where is gas revenue?



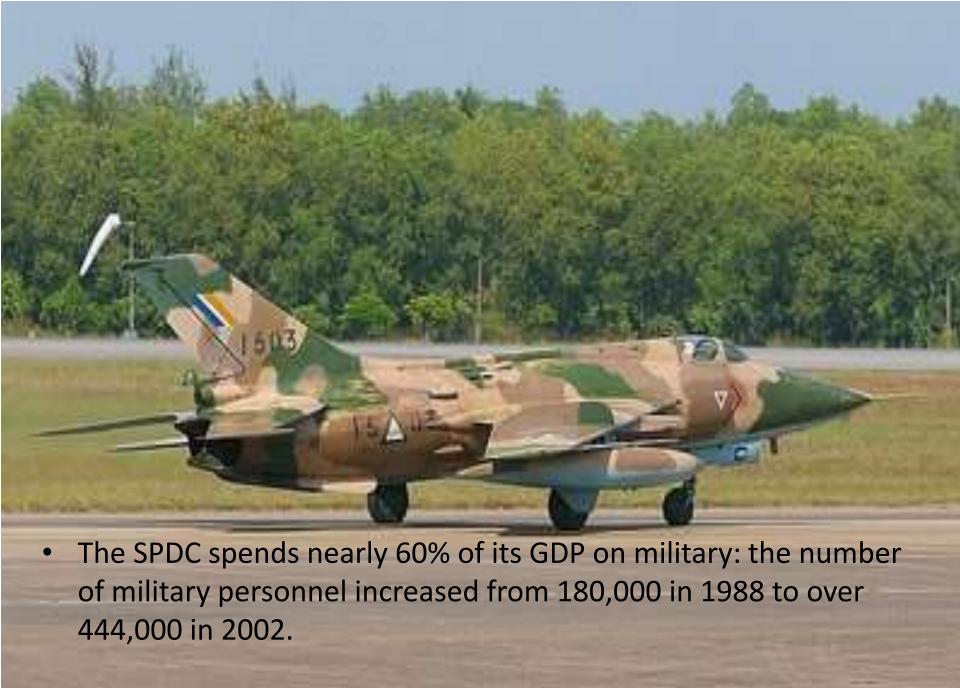


Grphic shows detail of Burma's nuclear program (Bangkok Post, 2 August).

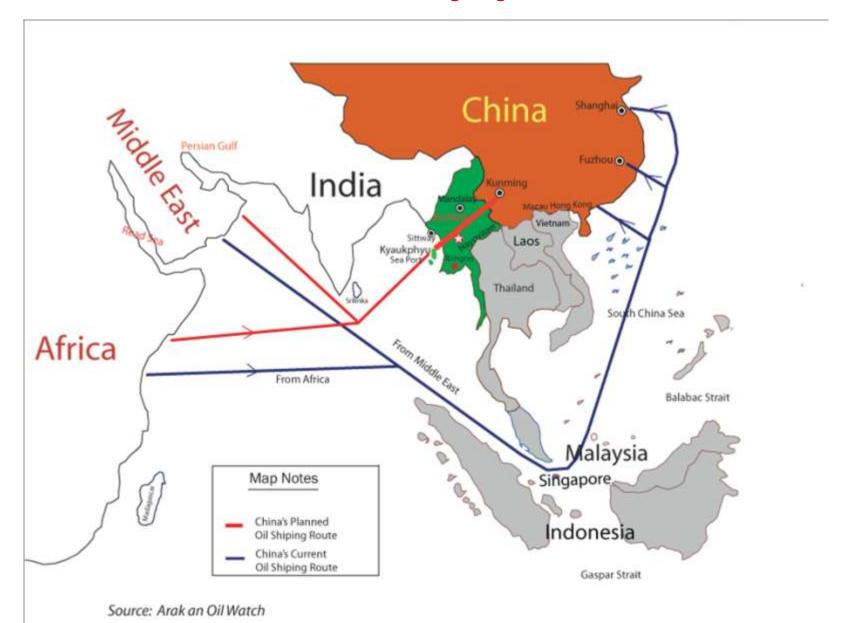
Under ground tunnel

### New Capita city (Naypyitaw)



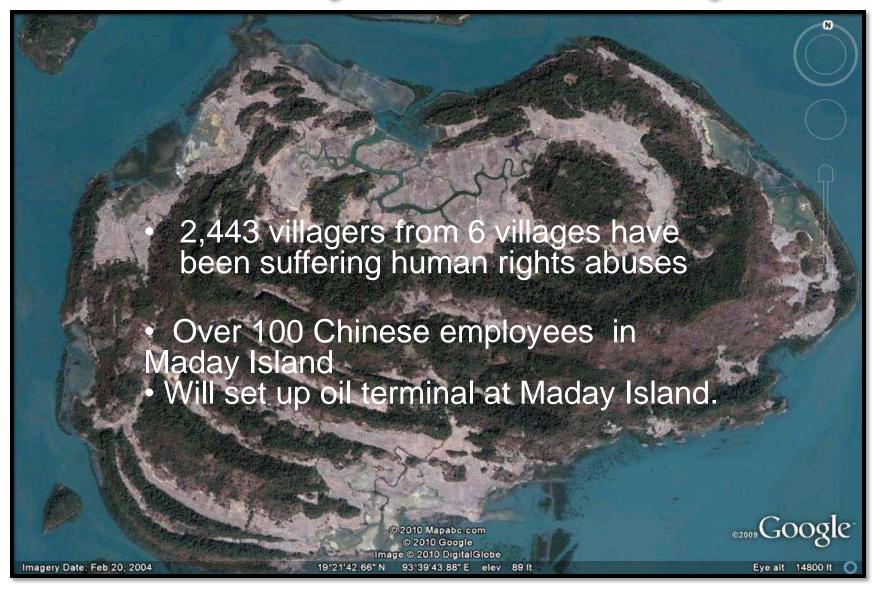


### China's new Oil pipeline route





## Maday Island map

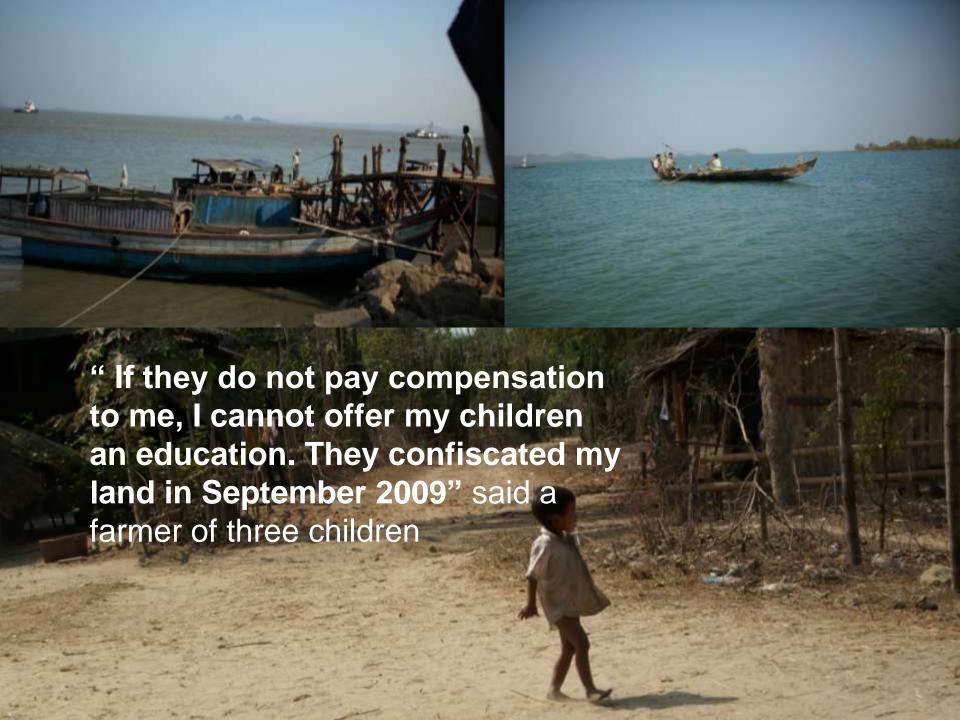


 "I have a big problem because I lost my farm land. I was a farmer but all my farm land had been confiscated by the Chinese company. I do have not any other job or skills except being a farmer" said a villager



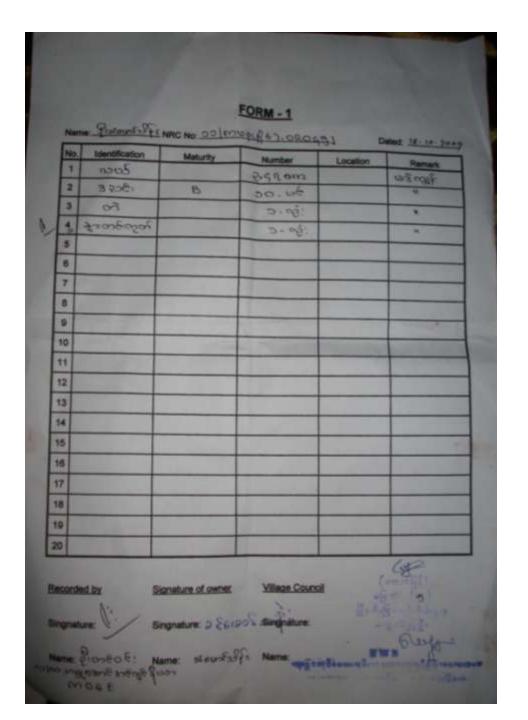






#### **Document paper**

" I had to sign a document in front of the police. They came to me and asked some questions after they confiscated my land because they were worried that I would create problems with the Chinese. The police warmed me to not create any problems with the Chinese workers" said a villager who lost land



## Fishing and Local Market

"the residents will face many problems in the future, such as no free fishing in the sea and in the river. Maday Island has over 300 fishermen and they will face grave problems in the future if they cannot catch fish freely" said a fisherman



### **Destruction of Burma's mangrove forest**





## Local life at sea port area





#### Awareness and Mobilizing

#### **BLOCKING FREEDOM:**

A Case Study of China's Oil and Gas Investment in Burma



ARAKAN OIL WATCH October 2008



#### ရစိုင်လယ်တာတာများသည် ရစိုင်နိုင်ညီ ဟိုဗာက်ရေးအတွက်ခြစ်ရသည်

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#### China Tie Economic with Burma's Military Regime Including Energy Sector

During the visit of Chinese Vice President Xi Jinping to Burms in Dec 2009, the two countries signed five agreements on the development of trade, economy, transport infrastructure, technological cooperation and purchase of machinery; seven financial agreements, three agreements on hydroelectric power; and one agreement on the energy sector and the oil and natural gas pipelines. Among the MeUs signed during the visit was an agreement to allow China National Petroleum Corporation (CNPC) exclusive rights to build and operate a Myanmar-China Crude Oil Pipeline.

China's trade with Burma is on the rise concomitant with their deepening energy ties. According to Chinese official statistics, from January to December in 2008, bilateral trade between the two nations accounted for US\$ 2.626 billion, a rise of 26.4 percent from the corresponding period in 2007. China has become the No.4 foreign investor in Myanmar as against its No.6 rank in the past.

#### CNPC Starts Work on \$1.5 Billion Oil Pipeline and Oil Terminal in Autumn

Dec 2009 (SGB)

China's CNPC will start building the \$1.5 billion oil pipeline in autums of this year and ecostruction of the oil terminal as early as October 31 in Kyank Playa City of Western Burma's Arakan State, according to OilVoice news.

The China-Burma Crude Oil Pipeline travels from the small Island of Maday at Kyuuk Phys., running 771 kilometers through Rakhine, Magway, Mandalay and Shan State, and unters into China from Ruili in Yunnan Province.

The pipeline initially will carry 12 million tens of crude oil per year and ultimately, it will be able to carry 22 million tons genually

CNPC holds a majority 50.9% stake and state-owned Myanmar Oli & Gas Emerprise (MOGE) owns the remaining



Chinese Vice President Xi. Jinping (Juff) and Flurma's disotor Then Slove (right) during but year's visit



Published by the Arakan Oil Watch, a core member of the Shwe Gas Movement

## THANK YOU!

