

# **RECENT DEVELOPMENTS AND BUILDING LOCAL CONTENT IN EQUATORIAL GUINEA**

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Industry and Energy



# MAJOR INVESTORS IN EQUATORIAL GUINEA

## Upstream Producers

- **ExxonMobil** Devon Energy
- **Amerada Hess** Energy Africa
- **Marathon** Samedan (Noble Energy)

## Upstream Explorers

- **ExxonMobil** Repsol
- **Marathon** SK Corporation
- **ChevronTexaco** Hess, Sasol
- **Petronas** Devon Energy
- **RocOil** Pioneer, Atlas
- **Atlas**
- **Fruitex**
- **Devon** Petronas, DNO, Atlas
- **Noble** Glencore, GEPetrol
- **PetroSA** GEPetrol
- **Ophir Energy** GEPetrol
- **CNOOC** GEPetrol

## Downstream

### LPG – Alba LLC

Marathon, Samedan, Sonagas

### Methanol - Ampco

Marathon, Samedan, Sonagas

### LNG – EGLNG

Marathon, Sonagas

### Retail - Total

**Estimated Capital Investment 2002-2005 ~ \$8 billion**

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# RECENT PRODUCTION SHARING CONTRACTS

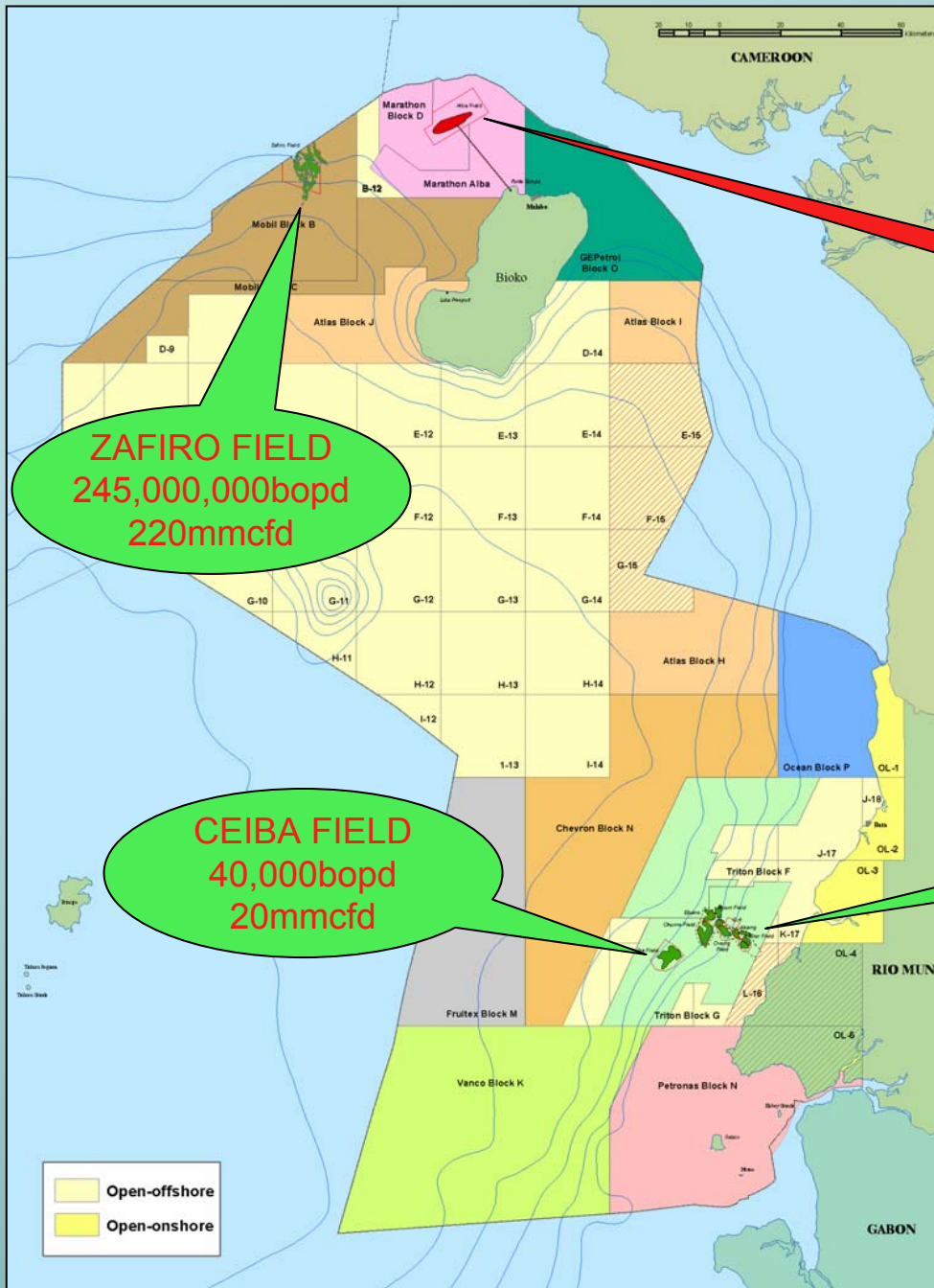


**BLOCK R: OPHIR ENERGY**



**BLOCK S: CNOOC**

# PRODUCTION SITUATION 2006



**ZAFIRO FIELD**  
245,000,000bopd  
220mmcf

**CEIBA FIELD**  
40,000bopd  
20mmcf

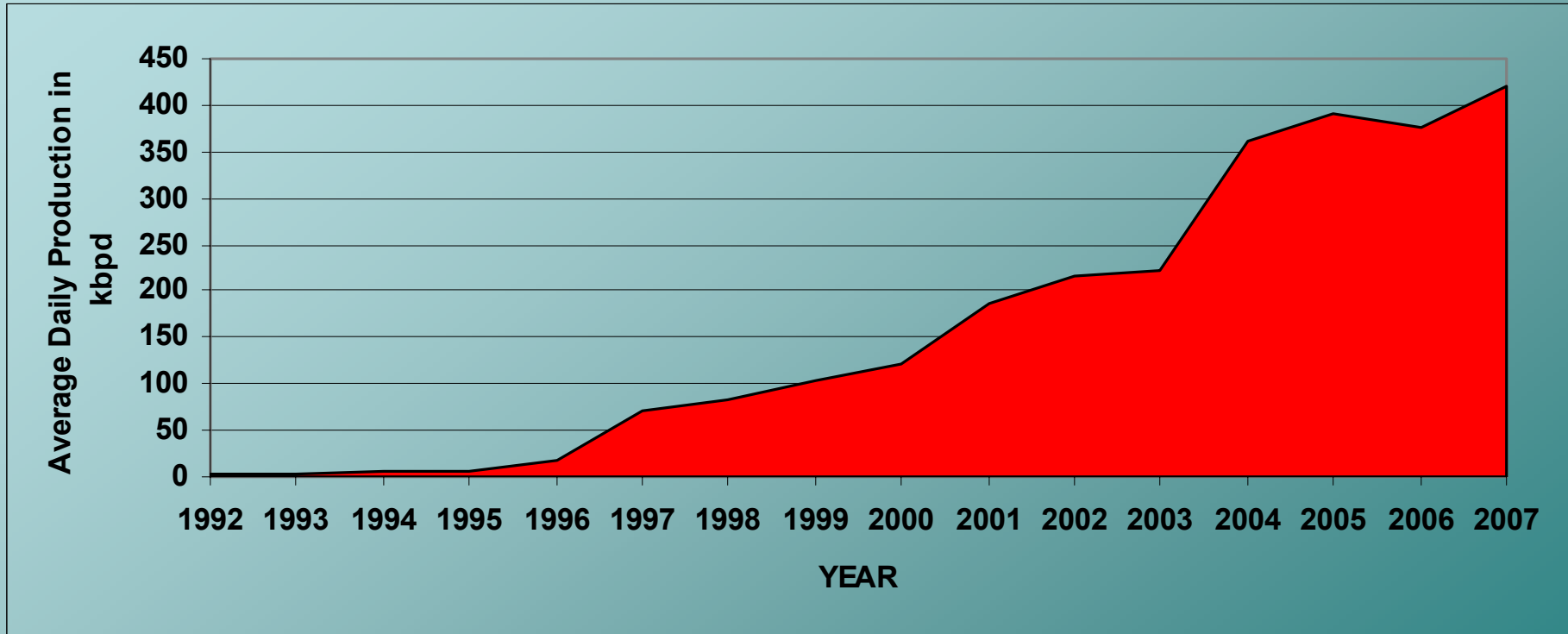
**ALBA FIELD**  
Up to 900 mmcf  
Up to 68,000 bcpd

**NBG DEVELOPMENT**  
60,000bopd, 2007

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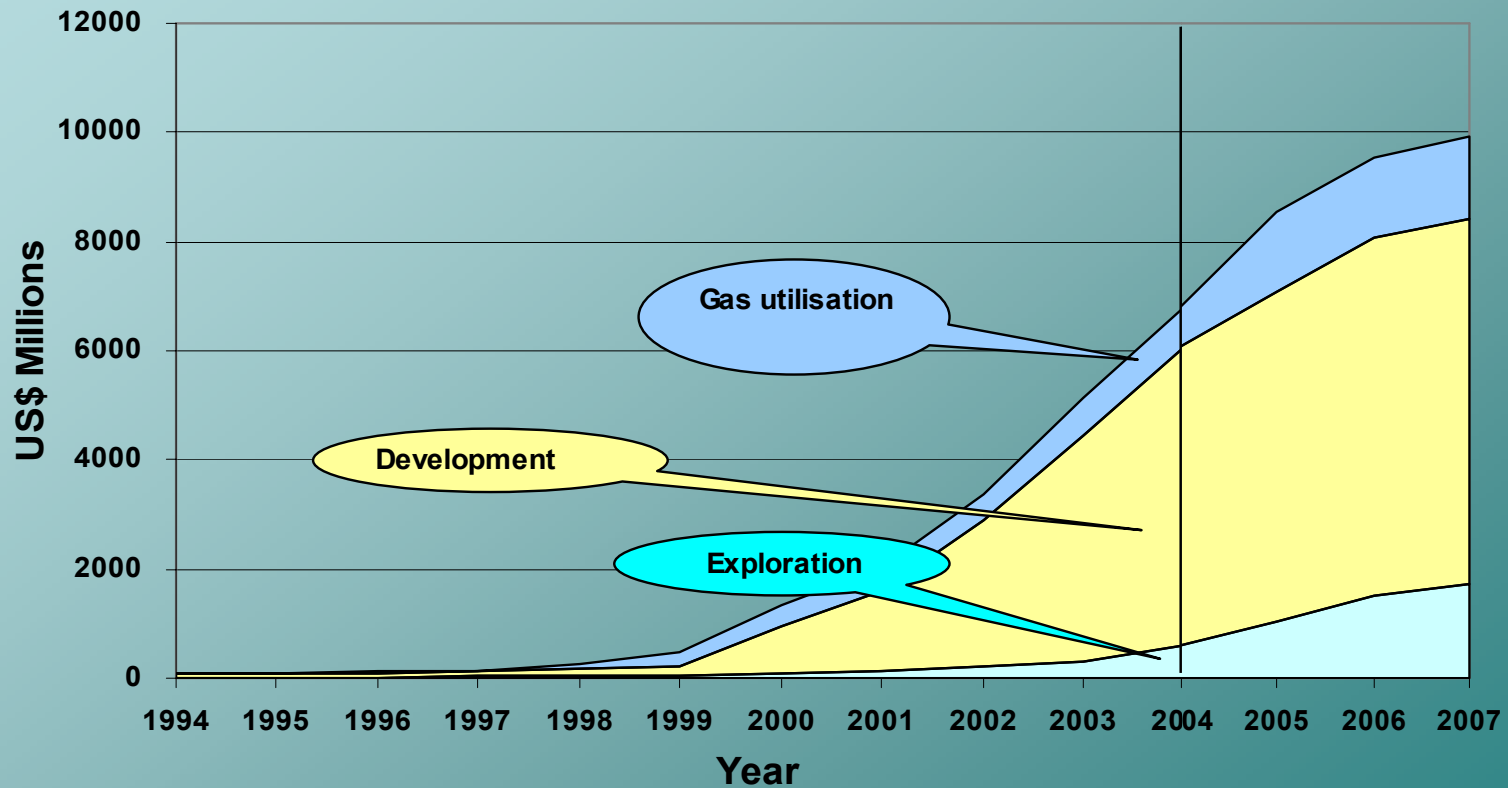


# Annual Oil Production Growth



# Equatorial Guinea Investment by Category.....

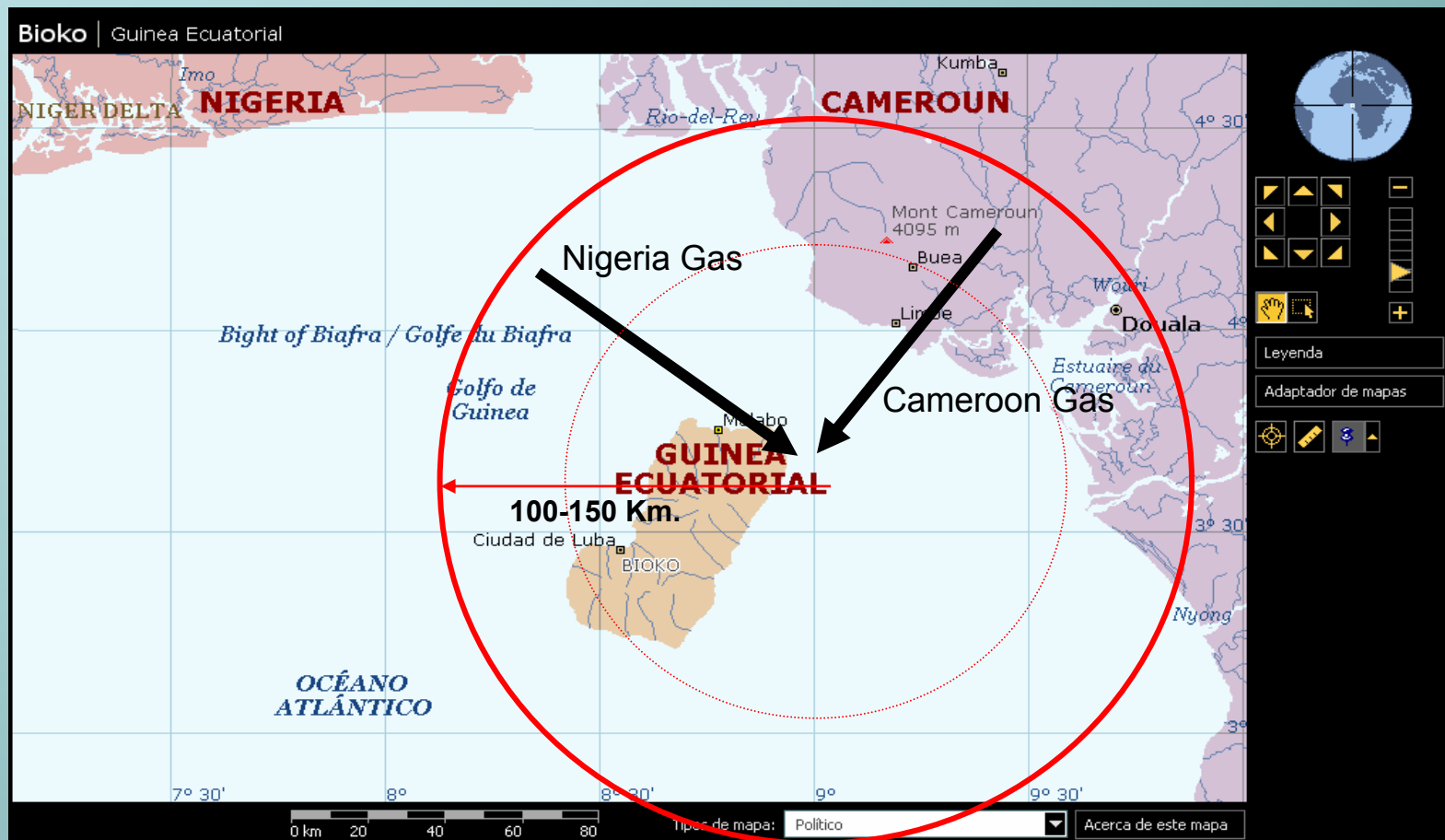
EQUATORIAL GUINEA INVESTMENT BY CATEGORY



# The Equatorial Guinea Solution: Gas Utilisation

- **Zafiro:** → **EGLNG**
- **Ceiba / Okume Complex:** → **Power Generation**
- **Block O** → **EGLNG**
- **Block P** → **LPG / Power Generation**
- **Government policy is to eliminate flaring within the next three years**

# FLARING IN THE GULF OF GUINEA OPPORTUNITY FOR FLARING REDUCTION



## MAIN FLARE CENTERS:

 NIGERIA	700 BCF/Y
 CAMEROON	45 BCF/Y
 EQUATORIAL GUINEA	70 BCF/Y

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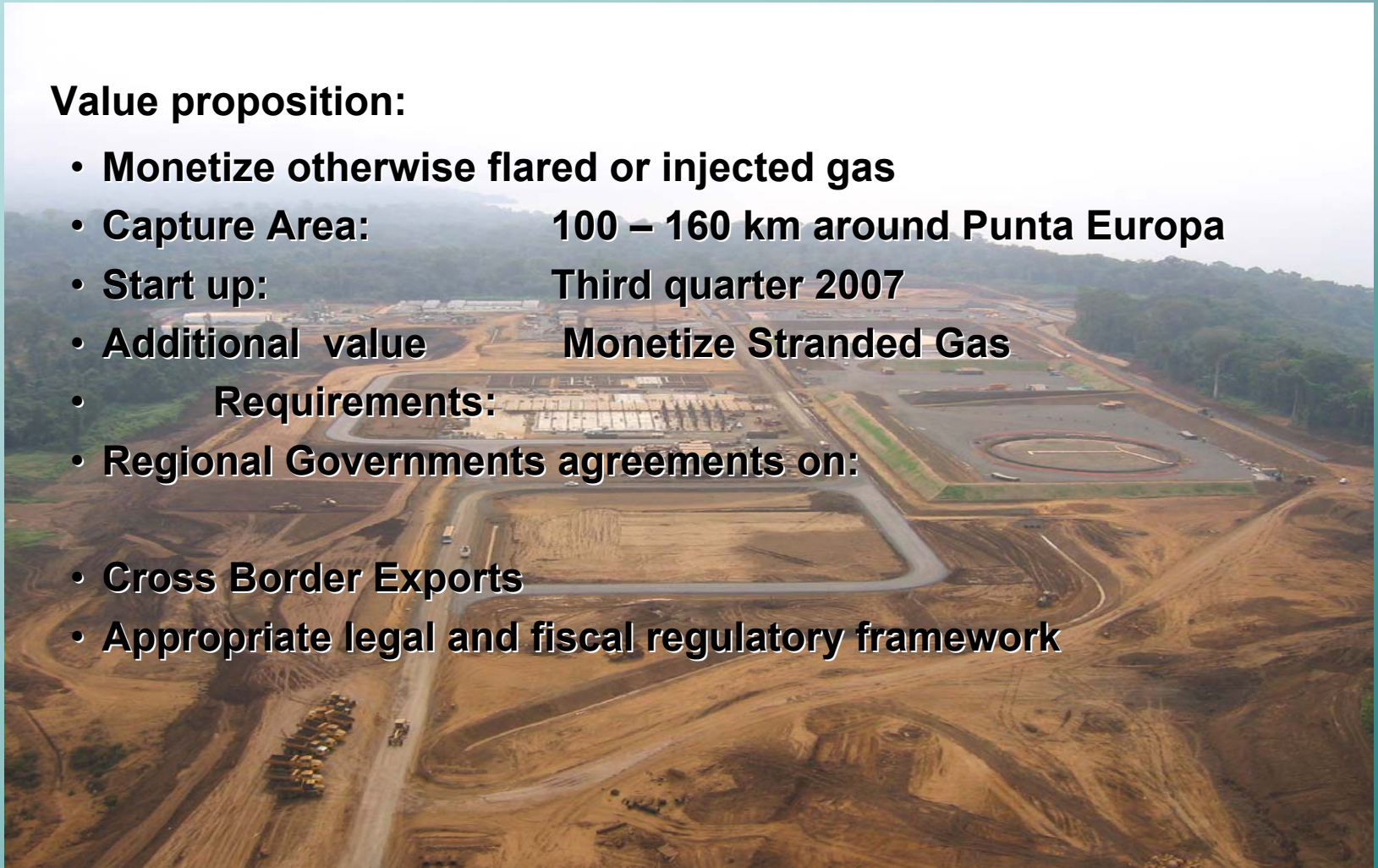




# Opportunity for Flaring Reduction in the Gulf of Guinea EG LNG

## Value proposition:

- Monetize otherwise flared or injected gas
- Capture Area: 100 – 160 km around Punta Europa
- Start up: Third quarter 2007
- Additional value Monetize Stranded Gas
- Requirements:
- Regional Governments agreements on:
  - Cross Border Exports
  - Appropriate legal and fiscal regulatory framework



# INVESTMENT OPPORTUNITIES

- **EGLNG TRAIN 2**
- **ENERGY SECTOR**
- **MINERALS SECTOR**



# *State investment in infrastructure.....*



## **LUBA PORT DEVELOPMENT**

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# *State investment in infrastructure.....*



# *State investment in infrastructure.....*

## **NEW BATA-MONGOMO ROAD**



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# *State investment in infrastructure.....*

**2002**



**New Malabo Air  
Terminal 2003**

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## **NEW BATA AIR TERMINAL 2004**

2002



2004



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## OFFICE AND APARTMENTS CONSTRUCTION



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## HOTEL CONSTRUCTION



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## **SOCIAL HOUSING CONSTRUCTION**



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# GOVERNMENT ACTION



## **Government Action:**

- **Social Sector Reforms**
- **Health Sector Investment**
- **Education and Training**



# BUILDING LOCAL CONTENT

## SEPTEMBER 2004: FIRST FORUM ON NATIONAL CONTENT IN THE PETROLEUM INDUSTRY OF EQUATORIAL GUINEA

### Recommendations:

Transfer of Technology to State Companies  
(GEPetrol and SONAGAS)

Formation of National Institute of Technology



SEPTEMBER 2004: DECREE LAW 116/2004

CREATION OF THE NATIONAL INSTITUTE OF  
TECHNOLOGY



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# TRAINING FOR THE FUTURE



**ExxonMobil**

*devon*

**M**  
MARATHON  
**Marathon  
Oil Company**

**ne**

**HESS**

**EA**  
**ENERGY AFRICA**

**PETRONAS**



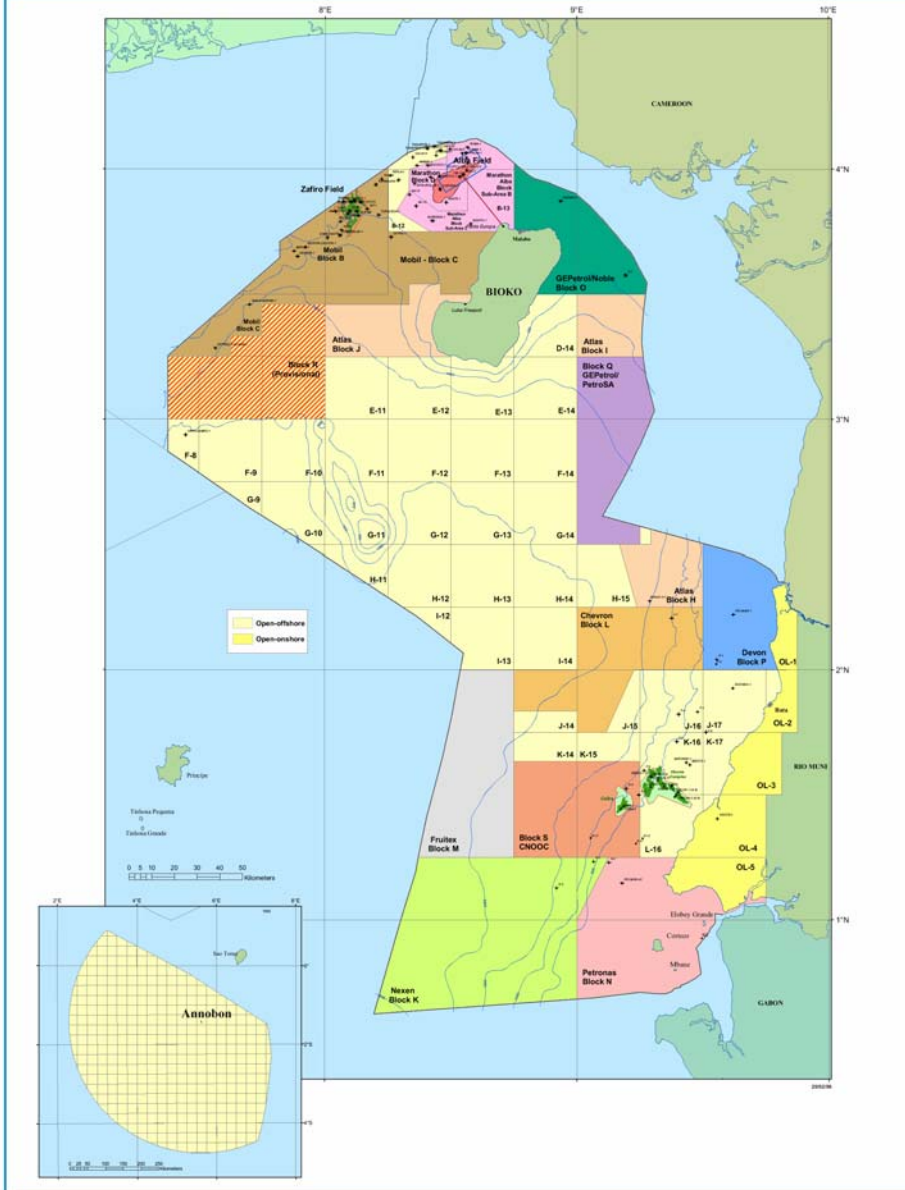
**Schlumberger**

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# EQUATORIAL GUINEA

Licence Map showing exploration wells, February 2006



## 2006 LICENSING ROUND

## ALL OPEN ACREAGE AVAILIABLE

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# THANK YOU FOR YOUR ATTENTION



[www.equatorialoil.com](http://www.equatorialoil.com)

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GEPetrol

# Recommendations

1. Doors are open for all Oil Companies with the good intention to invest in Equatorial Guinea and, of course, GEPetrol is willing to work together helping in great amount for the success of those Companies.
2. I would like to conclude this report inviting all companies in order to participate in our Licensing Round at the end of this year, 2006.



**Thank you very  
Much for your  
attention**

