AFRICAN GAS & OIL COMPANY LIMITED
(‘AGOL’)
OUR COMPANY

- Private company incorporated on 18th November 2004, by Ezra J. Pakter

- Mission to plan, design, construct, own, operate & maintain a modern Common-User LPG Import/Export Terminal in & adjacent to the Port of Mombasa.

- Supported by the Ministry of Energy, Ministry of Finance, Ministry of Transport & Kenya Ports Authority.
AGOL will serve as a link between the upstream market (importers of LPG) & the downstream market (retailers and users of LPG).

Final investment is presently estimated to be USD 125 million for a Terminal with a nominal storage capacity of 28,000MT LPG in 16 bullet shaped mounded LPG tanks of 1,750MT each, accommodating 25,000 MT LPG cargoes in LPG tankers of 28,000 DWT max.
AGOL TERMINAL LOCATION
LPG DEMAND

- LPG consumption in the East African Region is very low – Senegal

- LPG consumption in Kenya has been low due to:
  a) Insufficient supply sources
  b) Small tankers used for importation
  c) Inadequate bulk storage and offloading facilities
  d) Off loading of tankers limited to daylight hours
  e) Traffic problems in Shimanzi & Changamwe

- All costs are passed on to consumers
## SALES VOLUMES
### 2003 – 2011

<table>
<thead>
<tr>
<th>Year</th>
<th>Kenya Inland Sales</th>
<th>Transit Cargo</th>
<th>Total</th>
<th>% Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>40,929</td>
<td>1,842</td>
<td>42,771</td>
<td>-</td>
</tr>
<tr>
<td>2004</td>
<td>41,884</td>
<td>3,540</td>
<td>45,424</td>
<td>6.2</td>
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<tr>
<td>2005</td>
<td>48,827</td>
<td>3,183</td>
<td>52,010</td>
<td>14.5</td>
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<tr>
<td>2006</td>
<td>64,639</td>
<td>2,980</td>
<td>67,619</td>
<td>30.0</td>
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<tr>
<td>2007</td>
<td>74,017</td>
<td>3,890</td>
<td>77,907</td>
<td>15.0</td>
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<tr>
<td>2008</td>
<td>84,385</td>
<td>4,000</td>
<td>88,385</td>
<td>13.4</td>
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<tr>
<td>2009</td>
<td>93,667</td>
<td>4,440</td>
<td>98,107</td>
<td>11.0</td>
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<tr>
<td>2010</td>
<td>103,889</td>
<td>5,010</td>
<td>108,899</td>
<td>12.2</td>
</tr>
<tr>
<td>2011 (Est)</td>
<td>115,077</td>
<td>5,800</td>
<td>120,877</td>
<td>11.0</td>
</tr>
</tbody>
</table>

* All values in MT
OUR FACILITIES

AGOL will not be the owner of the LPG handled through its facilities, but will provide a service to receive, store and re-deliver LPG owned/imported by licenced LPG importers.

The Project can be divided into three main sections:

- Marine Terminal & Transfer Pipeline
- Storage Terminal
- Distribution Terminal & Cylinder Filling Plant
GENERAL LAYOUT OF AGOL FACILITY
MARINE TERMINAL

- Multi-buoy anchorage which will initially accommodate 2,000-16,000 DWT LPG tankers.
- Anchorage situated in 11.3m water at LAT.
- Present approach channel limited to 8m draught, which will be increased to 15m once dredged by KPA.
- Can be developed to accommodate 28,000 DWT max LPG tankers.
- Storage tanker of 12,000 – 14,000 DWT for off loading of LPG from Importers’ tankers into temporary storage, before being pumped through 5,000m 12” pipeline to 4 day tanks in the Distribution Terminal.
STORAGE TERMINAL

- 4x125MT Day Tanks with a total storage capacity 500MT LPG.
- Once all phases of construction are completed 16 tanks of 1,750 MT LPG each; total storage capacity of 25,000 MT LPG.
- Temporary storage based on floating storage in 14,000 DWT LPG tanker.
DISTRIBUTION TERMINAL

- Distributes LPG by:
  - Loading 4 LPG Road tankers simultaneously in 4 loading gantries (about 500 MT per day in one shift).
  - Loading LPG onto railway Block Trains consisting of 12-15 tank wagons (about 300 MT LPG per day).
  - Filling LPG cylinders at the initial rate of 10 MT LPG per day (1 shift).
  - State of the art sweet water fire fighting facilities, administration & maintenance facilities.
CONSTRUCTION

1. Engineering – gas piping, firefighting, electrical in hand

2. Licence Agreement with KPA – obtained.

3. NEMA Licences – obtained.


5. Distribution Terminal – Civil Works on Site has commenced; to be completed by fourth quarter 2011.
SERVICES OFFERED

- Off Loading & storage of imported bulk LPG to be re-delivered, via road &/or rail tankers.

- Distribution via 4 loading gantries with a total capacity to load 90 tonnes LPG per hour.

- Cylinder Filling Plant for retail consumption in the Coast Area; capacity 10 MT LPG/hour, about 20,000 MT/year in one shift.
SERVICES OFFERED

- No demurrage.

- Cargoes of 2,000-12,000 MT can be offloaded in 30-35 hours.

- AGOL to operate in line with demand – up to 24 hrs a day, 7 days a week.

- Operational by 4th quarter 2011.
CONSULTANTS

- **Lead Consultant:**
  Trident Engineering Consultants Ltd.
  Gatehouse Offices,
  Westway, Porterfield Road,
  Renfrew, PA4 BDJ,
  Scotland,
  UNITED KINGDOM
  
  Tel: +44 (0)14 15 61 22 02
  E-mail: trident@trident-engineering-consultants.co.uk

- **Civil Works Consultant:**
  Utmost Consultants Ltd.
  P.O. Box 83660-80100
  MOMBASA
  
  Tel: +254 (0)41 2229926
  E-mail: utmost@swiftmombasa.co.ke

- **Mechanical & Electrical Consultant:**
  Kurrent Technologies Ltd.
  P.O. Box 16989-00620
  NAIROBI
  
  Tel: +254 (0)20 2730308/310, 2733222
  E-mail: info@kurrent.co.ke
For more details, please contact us on:

African Gas & Oil Company Ltd.,
Beira Road, Shimanzi,
P.O. Box 34065-80118,
MOMBASA.

Tel: 0733 636 536/ 0722 726 696 969

E-mail: info@agol.co.ke
BASIS FOR COMMON USER MANIFOLD
PIPELINE READY FOR THE TRENCH
PIPELINE LEADING TO THE MARINE TERMINAL
PIPES READY FOR LAUNCHING
FREQUENTLY ASKED QUESTIONS

1. When will AGOL be operational? ➢ 4th Quarter 2011.


3. Will the cost of LPG in Kenya decrease? ➢ Yes. The savings by importers on the ocean transport of LPG in sizeable cargoes and elimination of demurrage will be substantial.
THANK YOU