2019 Update of Methane capture in light of Oil & Gas production in Ghana

Joseph Essandoh-Yeddu, PhD
Director – Strategic Planning and Policy
Energy Commission, Ghana

GMI Oil & Gas subcommittee meeting, 25-27 March, 2019
Ghana

more information available at [www.ghanaweb.com](http://www.ghanaweb.com)

- Location: West Africa
- Climate: Tropic-2 seasons;
  - Dry and rainy
- Official language: English
- Population: ~29 million (24.2 million in 2010 census)
- Total area: 92,500 square miles/ 237,000 square km
- 2017 Nominal GDP per capita (US$, PPP): 4,750 (3,100 in 2010)
- Major primary economic resources: Gold and cocoa
- Sports: soccer
Ghana’s exploration activities

Four sedimentary basins

- Three offshore namely: the Tano-Cape Three Points, Saltpond, Accra-Keta Basins
- One onshore which is the Voltaian Basin.

- The off-shore basins are fairly well explored with Saltpond as the country’s first commercial oil production field commencing in 1978.
- The onshore - Voltaian Basin is the least explored.

The overall goal of the Methane activities is to make Ghana’s petroleum industry sustainable for the benefit of present and future generations.
Voltaian Basin Project

- A huge inland sedimentary basin constituting almost 40% of Ghana’s land mass and covering an area of 103,600 sq.km. *No oil find yet.*
- The main project objective is to determine the presence of a petroleum system of the basin.
- Key contracts have been signed (seismic survey, data acquisition), Commenced mobilisation for acquisition and processing of seismic and geochemistry data.
  
  *Interested investors invited.*

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Key issues with the Gas sector

i. High capital intensive and uncertainties associated with investment in gas exploration and development.

ii. Inability of most local companies to meet their minimum contract obligations.

iii. Inadequate capitalisation of the (NOC) to perform its institutional mandate.

iv. Potential international boundary disputes could affect cross-border discoveries.

v. Insufficient data covering Voltaian (on-shore) Basin.
Policy Objectives of the Government

i. Explore & develop the indigenous gas resources of the country.

ii. Create favourable environment for investment in the exploration, production and supply of methane resources.

iii. Strengthen and enforce regulatory and fiscal framework of existing legislative instruments.

iv. Ensure adequate capitalisation of the national oil company, to enable it to perform its institutional mandate.

v. Minimise the possibility of international boundary disputes with neighbouring countries.

vi. Promote Ghanaian content and participation in Ghana’s methane activities.
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<th>Areas of Cooperation and Investment – E &amp; P</th>
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<td><strong>Onshore</strong> - <em>the Inland Voltaian basin</em></td>
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<td><strong>Shelf</strong> (offshore) - Tano &amp; Cape Three Points Areas</td>
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<td><strong>Saltpond field</strong> - in the adjoining areas and south of the Saltpond field</td>
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<td>- In the relinquished areas, Open acreages</td>
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<td><strong>Existing discoveries</strong> - Deep water Tano/Cape Three Points</td>
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AREAS OF CO-OPERATION AND INVESTMENT

Exploration
Development & Production
Transportation & Disposal

Technology Transfer
Capacity Building

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Thank you for your attention

website: www.energycom.gov.gh

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Contact details:

Joseph Essandoh-Yeddu, PhD

Email: essandohyj@energycom.gov.gh; jeyeddu@gmail.com

Tel: +233 208187199; +233 275810977