

# Ghana

Joseph Essandoh-Yeddu, Energy Commission



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

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# 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)  
[IMF World Economic Outlook \(WEO\)](#)  
Major primary economic resources: **Gold and cocoa**
- Sports: **soccer**

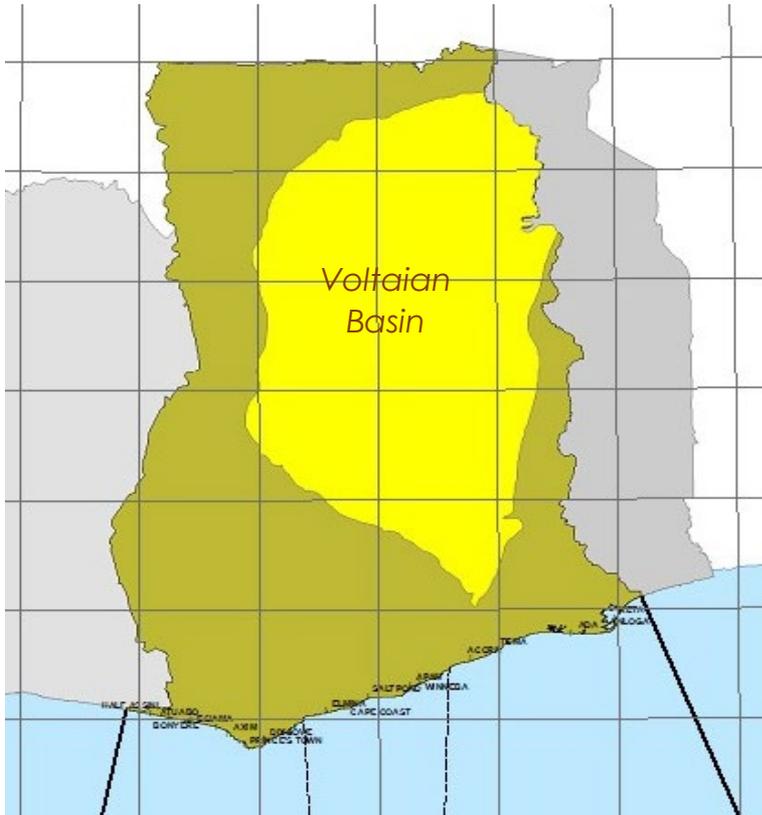
# Ghana's exploration activities

## Four sedimentary basins

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

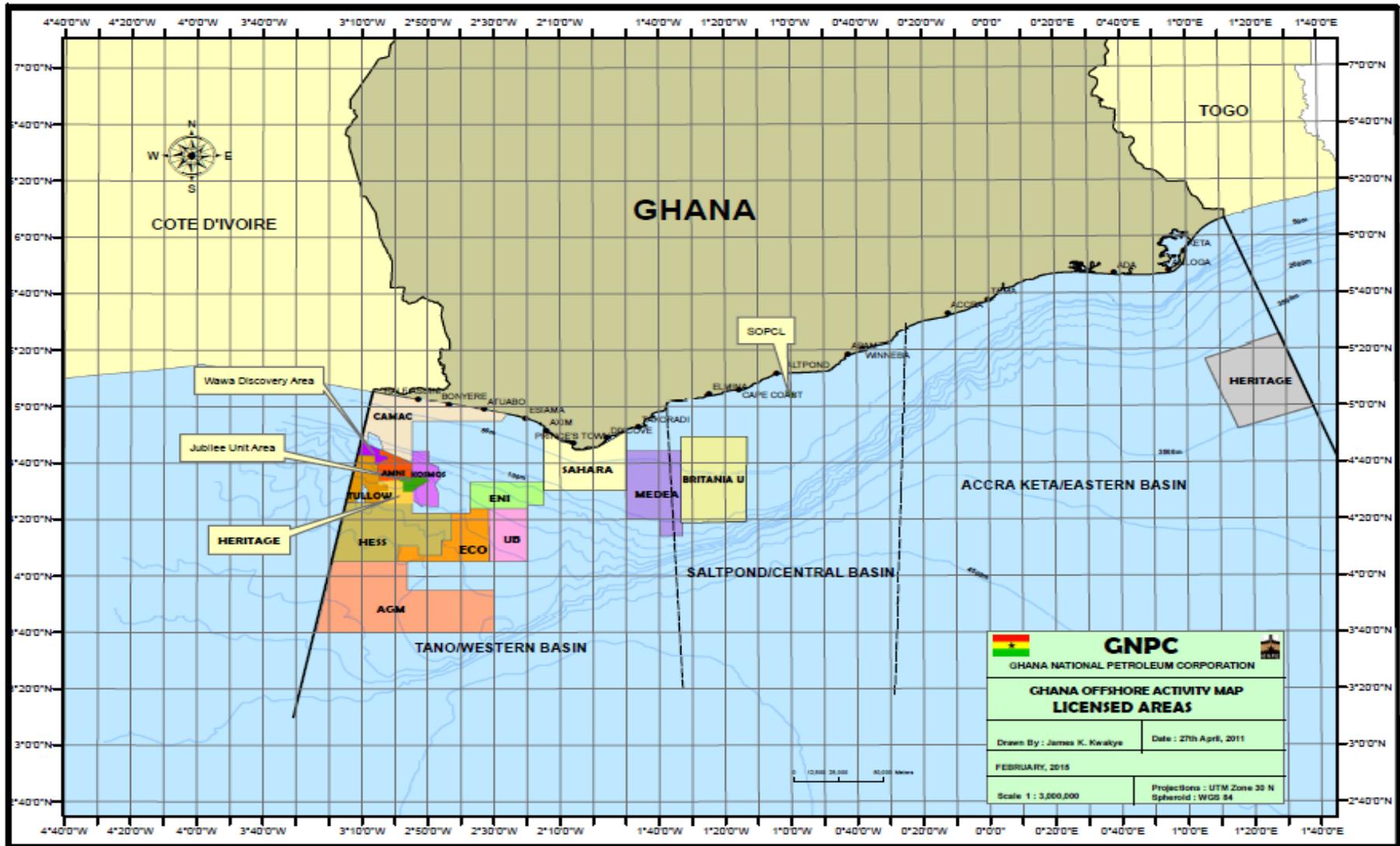
The overall **goal** of the **Methane activities** is to make Ghana's petroleum industry sustainable for the benefit of present and future generations.

# 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.***

# GHANA'S OFFSHORE ACTIVITY MAP – LICENSED AREAS



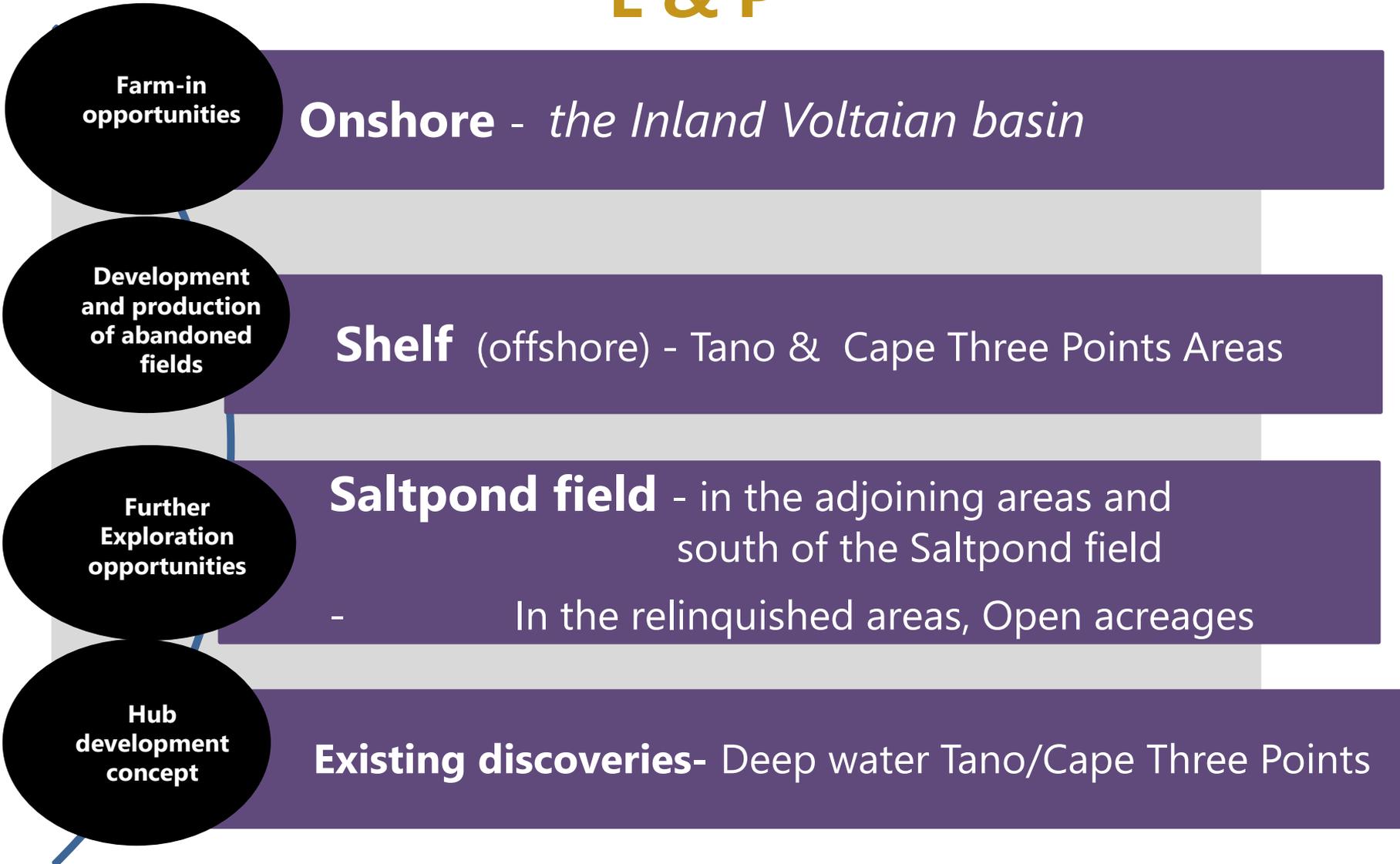
# Key issues with the Gas sector

- 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.

# AREAS OF COOPERATION AND INVESTMENT – E & P



# AREAS OF CO-OPERATION AND INVESTMENT

## Exploration



## Development & Production



## Transportation & Disposal



## Technology Transfer



## Capacity Building



**Thank you for your attention  
website:**

**[www.energycom.gov.gh](http://www.energycom.gov.gh)**

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