

LOCAL CONTENT

Etude de Cas : Le Ghana

Extrait des deux journées conférences Convergence les 8&9 Novembre 2022

Des solutions à ces différents sujets d'amélioration des formations existantes et de développement des entreprises ont été explorées avec la Minerals Commission, des échanges ont eu lieu avec la Banque Mondiale et l'AFD (Dir. Afrique, filiale Ghana).

 Convergence  **In-Country Value**


In-Country Value versus **Local Content**: looking for the **future needs of the country** :

Industrialisation to absorb part of extra labor force (6M/30M Ghanaian 15-24 years)

Two targets : HR & Entreprises

- Human Resources Development
- Entreprise Capacity Deployment

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 **In-Country Value**

Industrialisation to absorb part of Δ (extra) Labor force in 2050 (ie 6 M new jobs required)

- Current Population 32 M , 60% in working age ie 19 M, in **Labor force 9,5 M** ,
- Unemployment 9% (850.000)
- Employed 91% (only 25% ie **2 M of workers are wage employed**)
- Population **growth 2050**: 52 M Δ Pop 20 M, Δ in working age 60% ie 12 M, Δ in **Labor force + 6 M**,

Data from : "Preserving the future: rising to the youth employment challenge in Ghana" World Bank June 2022

HR Development

-**Oil & Gas**, Upstream jobs (direct, indirect, induced) cumulated at **40.000** including service companies (#800)

-**Mining** (direct, indirect) employment (operators & service #300) for the 14 Large companies **35.000**; for the Small companies **1 M** (mainly informal)

-**Renewable** (solar) vision employment **40.000** tech/cycle of manufacturing
By 2030 the creation of **220.000** jobs including farmers / solar irrigation projects and cultivate

-Suggested areas of **Training improvement with Digital**

1/ Pursue the **improvement of TVET**

2/ UVED (**Virtual University Environment & Sustainable Dvt**) & **Massive Open Online Course**)

3/ Promote the incorporation of **Informal apprenticeship within a postprimary TVET**

99% of workers with no formal education are in informal sector.

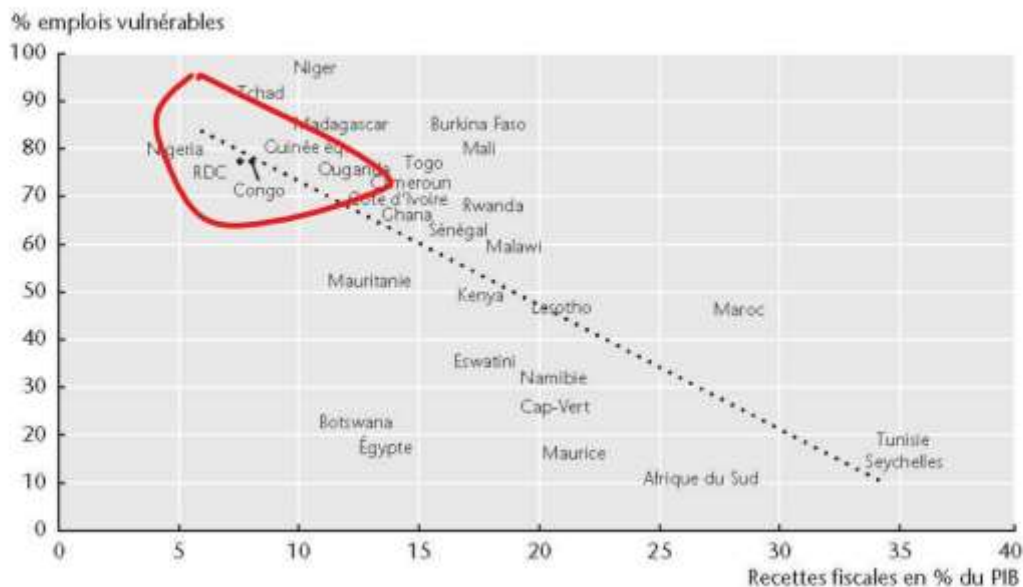
Data from : -Petroleum & Mineral Commission

Ce qui met bien en évidence l'attente insatisfaite de la population pour un emploi important dans les projets Oil & Gas et des larges compagnies minières.

Les centaines de petites exploitations minières font travailler un nombre significatif de Ghanéens (1M) mais pour des emplois en majorité informels (artisans, service...) souvent même dans des mines illégales.

De plus le pays souffre d'un manque de formation d'une partie de la population en particulier les jeunes exclus du système scolaire primaire/secondaire qui sont envoyés, souvent par leurs parents, vers un apprentissage informel qui les exclura d'un emploi formel

Graphique 3. Recettes fiscales et emplois vulnérables en Afrique, 2019



Sources : OCDE, ATAF et CUA [2021] ; CUA et OCDE [2022] ; calculs des auteurs.

Part 2 Enterprise Capacity Deployment

 **Convergence**  **In-Country Value**

Two targets : HR & Entreprises

2 Enterprise Capacity Deployment

- Looking for local supply (goods & services) of the short term needs
- Putting priority on the long term potential demand
- Assess capacity of local SME's (registered in Mineral Register and Petroleum to complete the offer), and train/coach accordingly

 **Convergence**  **In-Country Value**

Local supply

Petroleum Commission
Supply of petroleum products / Basic fabrication & construction / Supply of drinking & industrial water / **Construction & civil works** Including general cleaning and gardening / Financial, banking & legal services / Manpower services / Vehicle leasing & rentals **Waste management**/ Supply of low-voltage cables / Scaffolding / Community relations & social investment **Fabric maintenance (painting)** Insurance & reinsurance services / Standard chemicals... 15,000 tons of steel have been fabricated in Ghana for the oil and gas industry

Mineral Commission
Grinding Media / Bolts and Nuts / Heavy Duty **Electrical Cables** / Crucibles / HDPE-PVC **Pipes** / Plastic Sample Bags / General Lubricants / Calico Bags / Quick-Hydrated Lime / Bullion Boxes / Tyre Retreading / Chain Link Fencing-Wire or Netting-Barbed / Explosives (Emulsion) / **Conveyor Rollers** / Cement & Cement Products / Metal - PCV Core Trays / Overalls and Work Clothes / **Haulage Services** / **Catering Services**

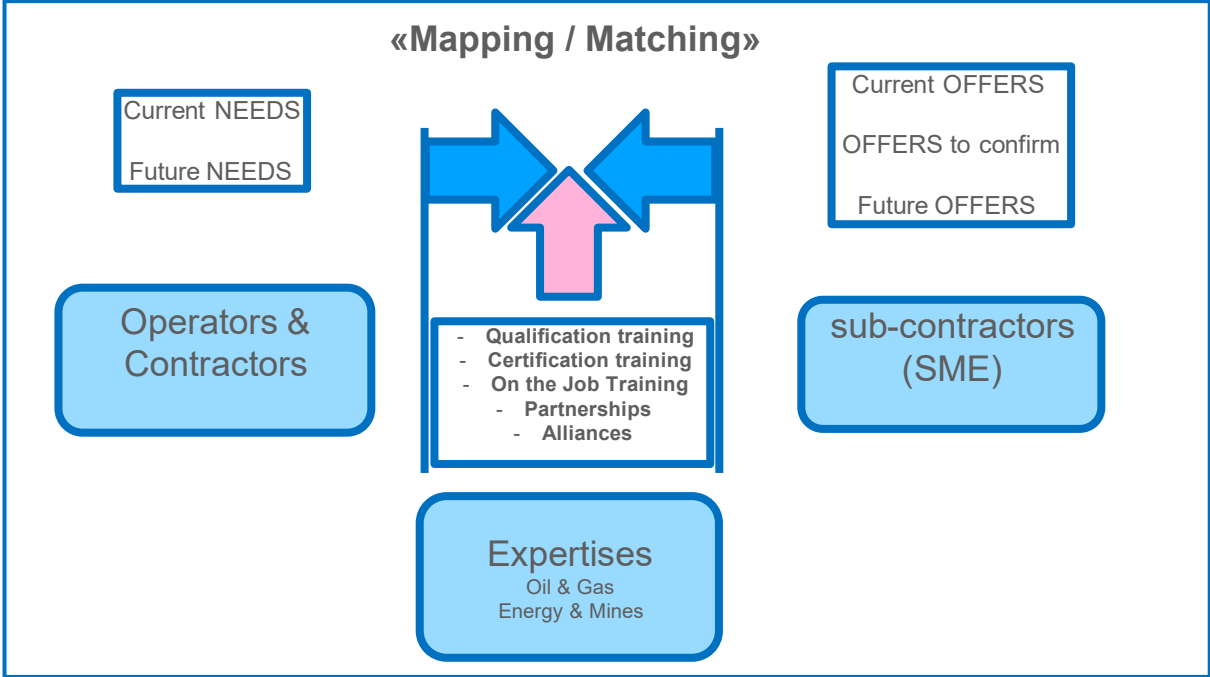
It is clear that the Ghanaian organization has done a lot in the last 20 years in Local Content development both in Petroleum and in Mining

For example 800 petroleum companies and 300 mine companies are registered as goods or service suppliers in the Petroleum or Minerals Commission.

The same Minerals Commission has identified a list of 41 goods or service items.

It seems nevertheless that not specific attention has been paid to prioritize the items to be delivered and fabricated locally based on the significance of such supply for the long term development of the national industry.

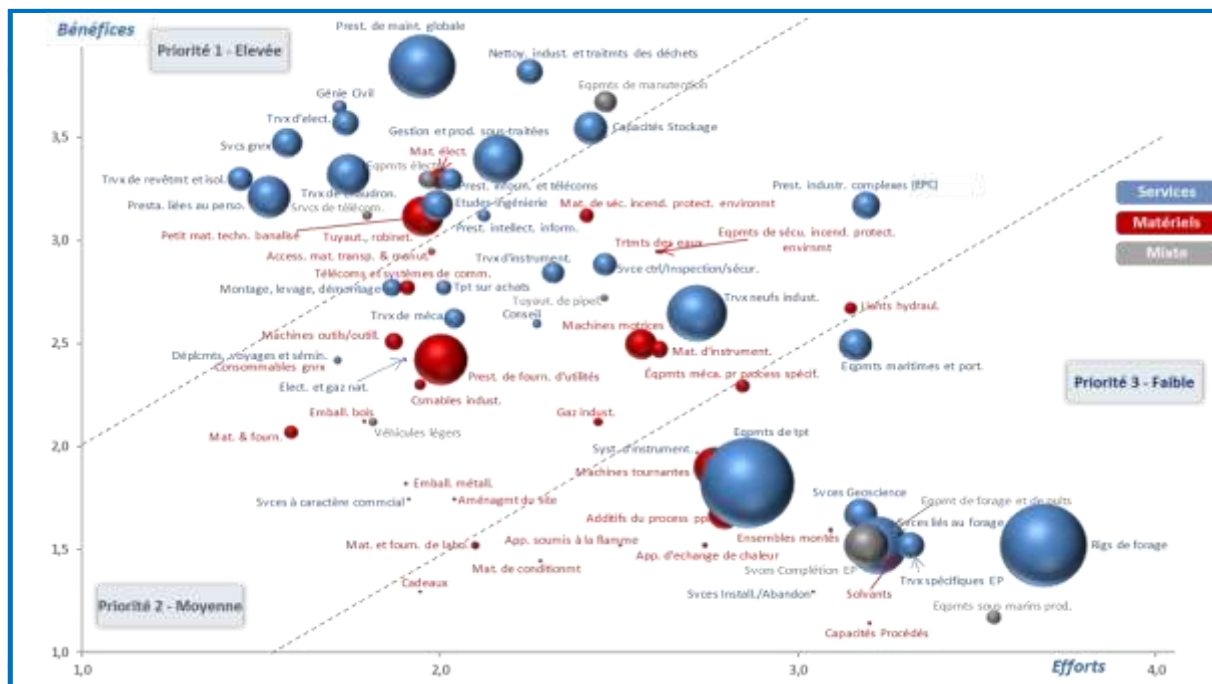
The benefit for the country (In-Country Value) will be optimized if a priority is given to each item of the local supply list, to be eventually completed if such extension seems necessary.



A Mapping project should be implemented, the first phase being an inquiry towards the 300 or 300+800 listed companies (in Mineral/petroleum Commission) to assess the level of support needed by each of them to enhance their capacity to deliver the listed goods & services.

The next step will be the distribution of the Local Content items over a graph showing the In Country Value (y), the global difficulty to supply such item (x) and the volume of expected business (size of the ball blue for service and red for goods).

This working tool will allow the Mineral Commission to select the items with maximum In-Country Value and minimum effort from local companies (the top left corner of the graph below) and give the maximum support to the companies involved in the items in this corner. This will be the last phase of the program.



Nouvelle perspective apportée par la conférence AFD sur « AngloGold Ashanti mine »

La présentation faite le 7 décembre aux journées AFD par Mme Akuba Bezaba Yalley « AGA Obuasi **illegal mining** : **environmental degradation**, **safety & security impacts**, **social impacts**, economic impacts concluding to the need of a sustainable method to solve the illegal mining menace»

MOI ACP Energies

Nous pensons que la **décarbonation** de l'énergie utilisée, dans les **mines et leur communauté** associée, pourrait être réalisée par des centrales **solaires décentralisées** (type des solutions mises en place par **Electriciens sans Frontière** dans plusieurs pays africains). De tels projets de solarisation ont été accompagnés par la création de sociétés chargées de la distribution (commercialisation, opération, maintenance) de l'énergie.

De la même façon la solarisation des mines au Ghana pourrait être accompagnée par **la création sociétés de distribution de l'électricité** et aussi de coordination avec la Minerals Commission des concessions minières incluant **l'application des obligations environnementales et sécuritaires**.

La réinsertion des jeunes, en échec scolaire, dans un système professionnel post primaire pourrait aussi être étudiée