



# AFRICA IN THE GLOBAL VACCINE MANUFACTURING LANDSCAPE: ADVANCEMENTS



## **ASPIRx Vax**

Freetown, Sierra Leone

Prof. William Ampofo

24-25 September 2018



### **Company Mission**

ASPIRx Vax aspires to make healthcare more accessible through the manufacture and distribution of locally-produced vaccines. To achieve its mission, ASPIRx Vax has the following objectives:

- Develop GMP-certified vaccine and sterile pharmaceuticals facilities
- Develop a cold-chain distribution network that supports the transport and storage of medical products



### Why?

To lessen barriers of entry for global vaccine manufacturing on the continent in order to reduce the dependency on foreign entities for vaccines. We're developing not to supply solely to Africa, but to create niches and/or partner with other global manufacturers to establish a competitive advantage.



- ASPIRx Vax is a business segment under ASPIRx Group
- ASPIRx Group is a limited holding company built upon four integrated and complementary business segments that focus on healthcare, infrastructure, real estate development, and renewables.
- Planned approach in terms of phases, capacities and capabilities are under development – premature to address at this time

Projects/Programs RELEVANT to ADVANCING VACCINE DEVELOPMENT & MANUFACTURE IN AFRICA



#### **Project Progress**

In progress: the development of Ghana's first GMP-certified vaccine manufacturing facility, one of the first in sub-Saharan Africa

- Dec 2017: MOU signed with Merck
- August 2018: MOU signed with Bosch
- Both signings solidify Merck and Bosch as suppliers and technical advisers in the development of the facility

#### Impact

With our partners, developing state-of-the-art technology for the manufacture and distribution of vaccines





Dec. 2017 - Dr. Fritz Sacher of Merck and Andrew Clocanas of ASPIRx, after signing the MoU. With from left: Brigitte Zypries, Germany's Minister for Economic Affairs and Energy; Dr. Mahamadu Bawumia, the Vice President of Ghana; and Ghana's Deputy Health Minister, Kingsley Aboagye-Gyedu 6





August 2018 – MOU signing between ASPIRx and Robert Bosch Packaging Technology. From left: Mr. Touban of Bosch; German Chancellor, Dr. Angela Merkel; Ghana Vice President Dr. Mahamudu Bawumia; and Mr. Andrew Clocanas, Chairman of ASPIRx Group

# African Vaccine Manufacturing Initiative



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