Human Resource and **infrastructure** Needs and Development of **Inclusive, scalable** and **sustainable** Health Innovations

ellis owusu-dabo, knust, kumasi

Some definitions

- **Inclusive**

'not excluding any section of society or any party involved in something'

- **Scalable**

'able to be changed in size or scale'

- **Sustainable**

'able to be maintained, upheld or defended at a certain rate or level'

SDG-9: Industry, Innovation and Infrastructure

BUILD RESILIENT INFRASTRUCTURE, PROMOTE INCLUSIVE AND SUSTAINABLE INDUSTRILISATION AND FORSTER INNOVATION

TARGETS

9.1. Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

9.2. Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries

9.3. Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets

9.4. By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities

9.5. Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending

9.a. Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States

9.b. Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities

9.c. Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020

Priority areas to be addressed

- Build Capacity
- Take measures to promote innovation and technological development
- Build incubators
- Change the focus of biomedical training to meet industry needs
- Proactive universities
- Develop technologies at affordable prices
- Private public partnerships (PPP)
- Establish regulatory mechanisms for all stakeholders
- 'Sell' research to governments
- Create network of laboratories
- Build strategic alliances with industry
- Create opportunities for growing science