



5th ANDI Stakeholders Meeting:

Partnerships & Financing for Sustainable Health Innovation in Africa

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23 November 2015, Nairobi, Kenya

3rd ANDI Stakeholders meeting Nairobi, 2010



ANDI Mission and Vision



Mission

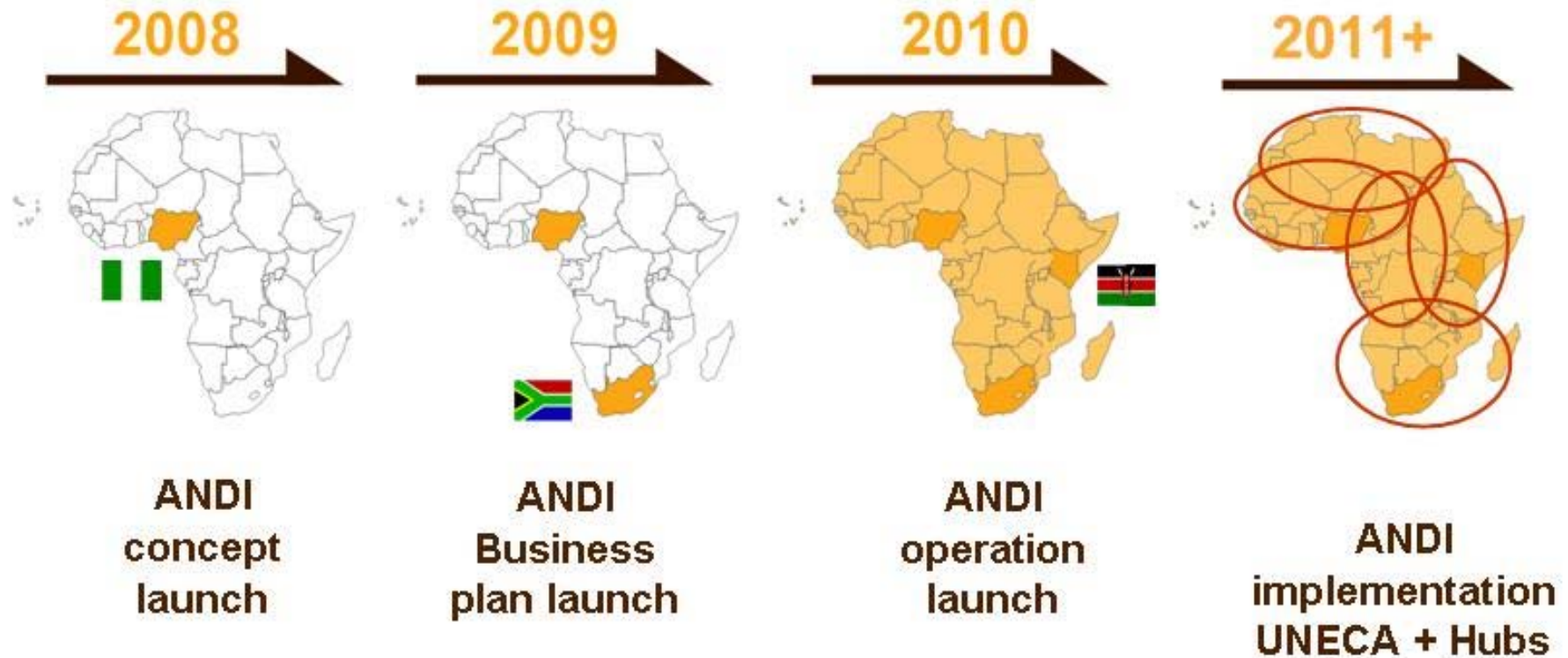
To promote **African-led health product innovation** through the assembly of **collaborative networks**, and building of capacity to support **public health and development**



Vision

Creating a **sustainable** platform for **health innovation** in Africa to address **continent's health needs**

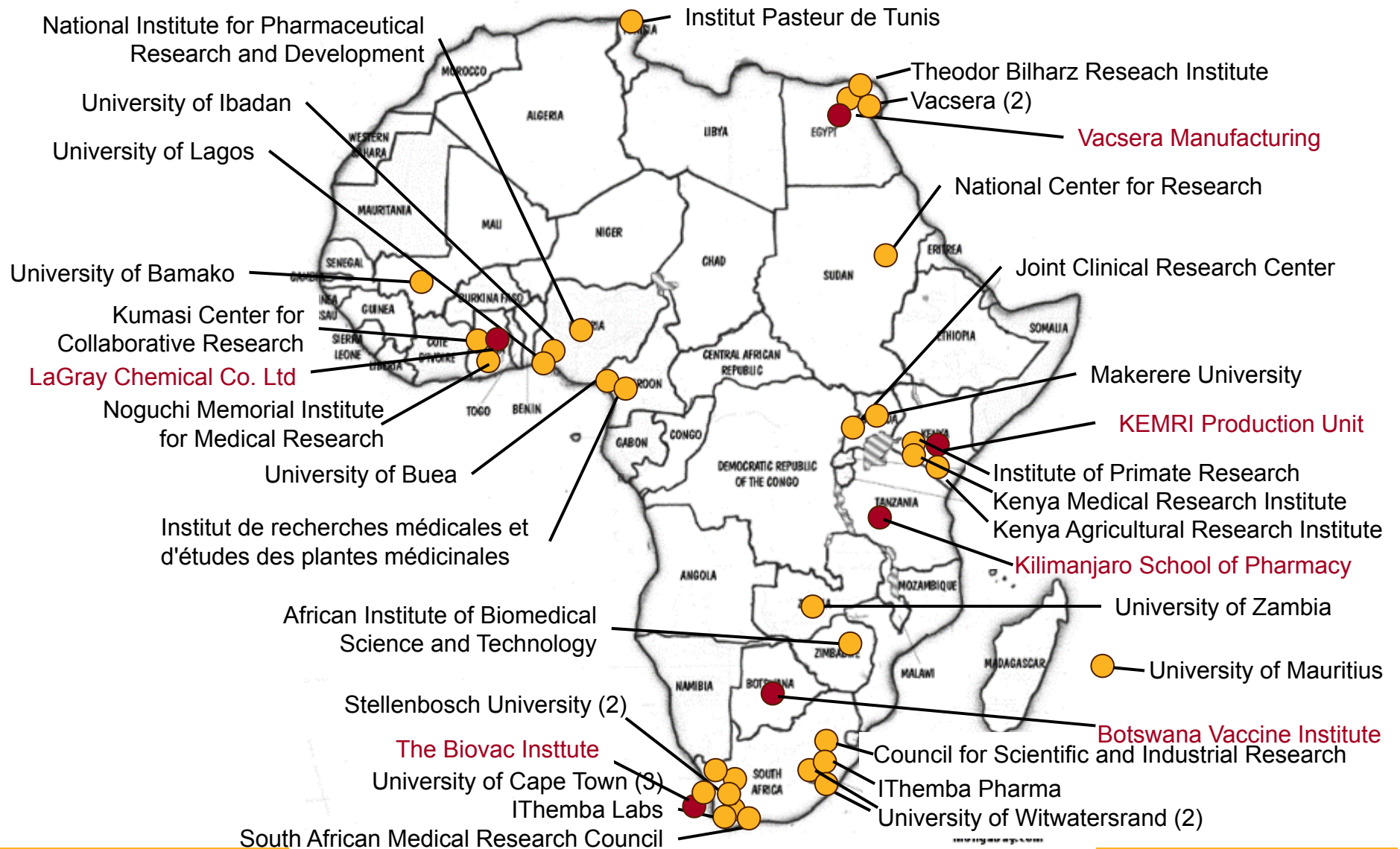
Evolution of ANDI



What has ANDI achieved so far?

- Created awareness globally on opportunities & challenges for health innovation in Africa
- Showed that capacity for innovation exist in Africa
- Supported & funded several projects & partnerships
- Implemented a number of fellowships & training
- Championed concept of Pan African Centres of Excellence to support projects & capacity building

Current Centres of Excellence



Example - ANDI supported projects

Pumani bCPAP for children with respiratory distress



Babylights (phototherapy lights) for jaundiced children



ANDI/WHO demonstration project



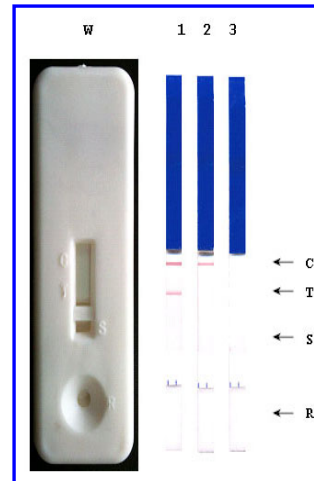
Schistosomiasis



malaria



Echinococcosis



Leishmaniasis

Lessons learned to date

- The vision, mission & concept more relevant than ever
- ANDI can make huge impact with modest, steady funding
- Funding from Africa slow to materialize
- Ebola reinforces the critical need for ANDI, etc
- New positive momentum since move to Addis

Looking forward: focus for 2016 - 2020



Needs assessment
and identification
of viable projects



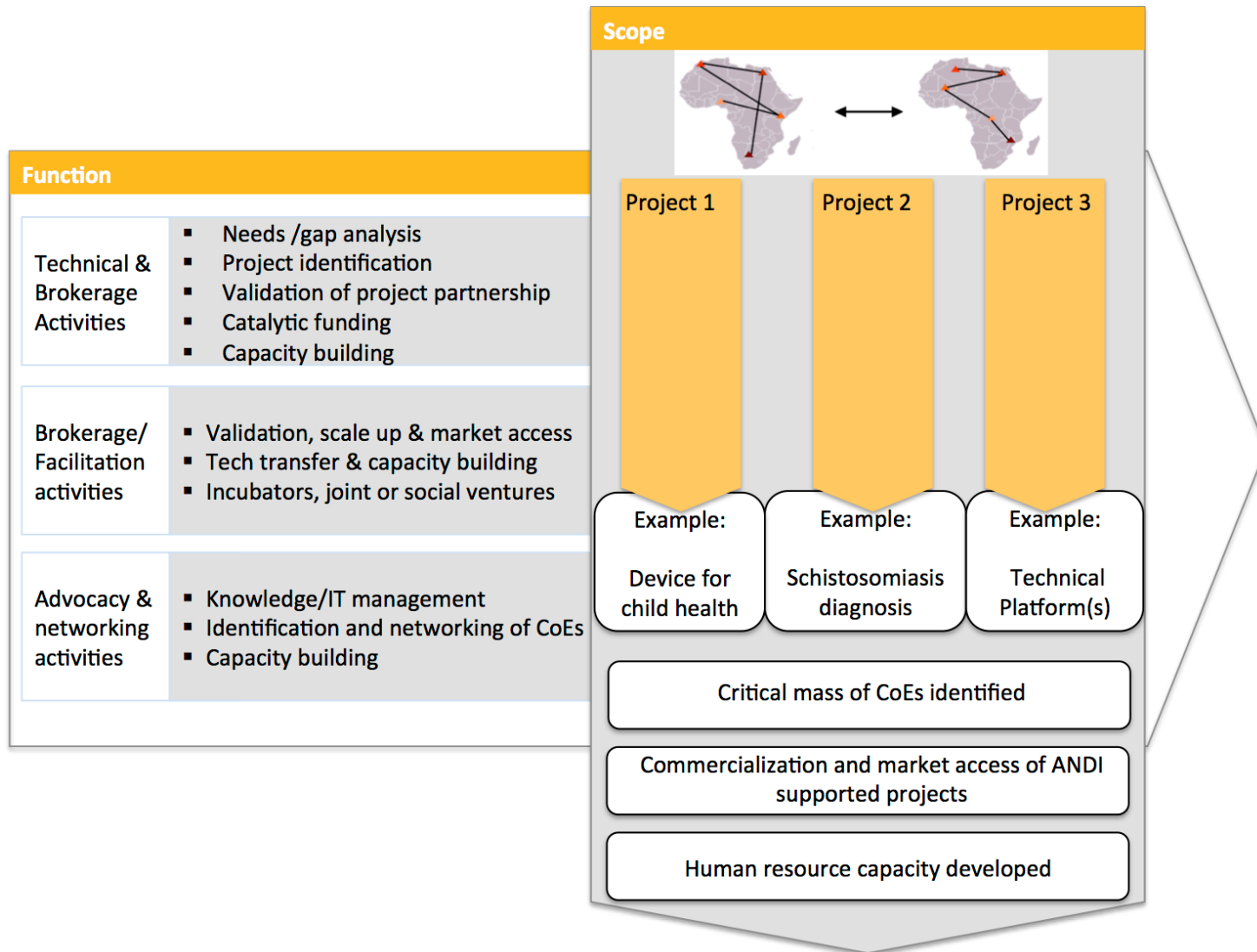
Brokerage and
partnerships:
Tech Transfer;
Capacity Building;
Incubators



Advocacy networking:
Open Knowledge
Databases



Integrated model



New African R&D landscape analysis: Summary

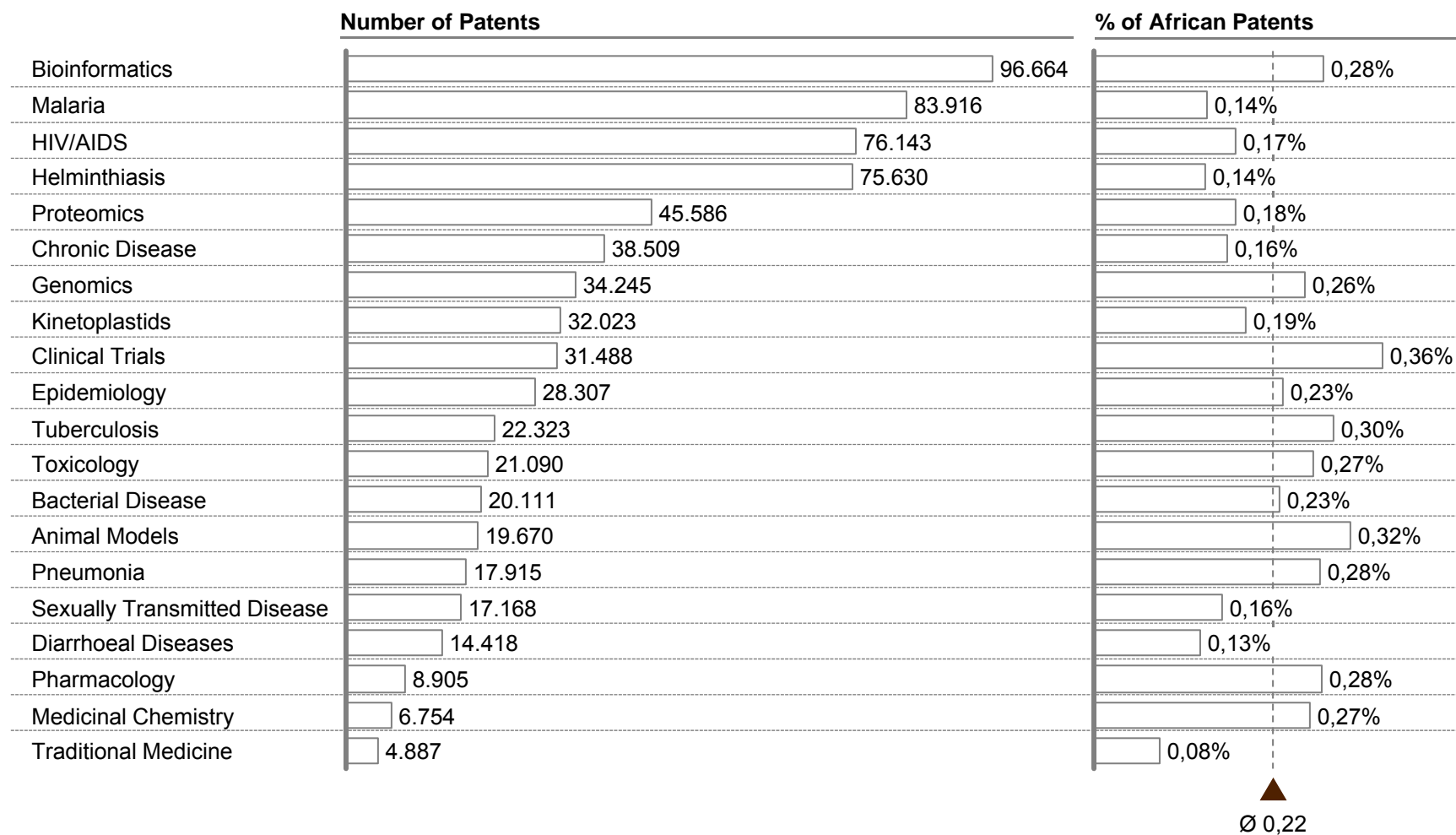
Trends across 20 disease/functional areas -

- **Africa needs to do more.** Of some 7.5bn articles produced from 2010 to today small percentage (0.4%, or ~30 thousand) include African authors
- **Africa represents a small subset in terms of innovation.** On average, only 0,22% of patents were filled by African innovators.
- **Leading African Institutions are leaders in several areas but they are few.** suggesting that scale & know-how can be improved if more partnerships are created with established institutions
- **Intra-African networks are not well articulated.** National clusters are common place and most of the time a foreign university serves as a bridge between African countries

Patents: average of 0.2% of total emerge from Africa

Number of Patents and Percentage of Patents Filled by African Innovators, 2014

100%=695,752



TRADITIONAL MEDICINE

Interregional collaboration is timid

Cities of most connected institutions (top 20 Institutions by betweenness or degree)



Objectives 5th Stakeholder meeting

- Identify opportunities for translating local technologies from labs to market
- Share experiences from regional & international initiatives
- Solicit input from stakeholders on ANDI Strategy 2016 – 2020

Acknowledgment

- WHO, TDR
- UNOPS
- African Union Commission
- European Commission
- AfDB
- UNICEF
- World Bank
- Board
- STAC