









WIPO/ARIPO/OAPI (WAO) Conference on Intellectual Property (IP), Innovation and Value Addition for Business Competitiveness and Sustainable Development in Africa

Zimbabwe, Harare, November 6 to 8, 2019

CLUSTER 1: UNIVERSITIES AND R&D INSTITUTIONS IN THE GLOBAL KNOWLEDGE-BASED ECONOMY

TOPIC 1: PROMOTING THE DEVELOPMENT OF INSTITUTIONAL IP POLICIES IN AFRICAN UNIVERSITIES AND RESEARCH ORGANIZATION

IMPORTANCE TO KNOW THE VALUE CHAIN OF IP

• THE VALUE CHAIN OF IP WILL LEAD TO THE ITEMS TO BE CONSIDERED WHEN DEVELOPING AN IP POLICY

IP VALUE CHAIN

IP CREATION

IP PROTECTION

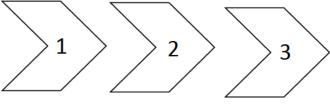
IP EXPLOITATION

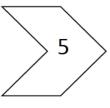
IP Management

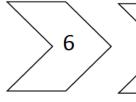
RESEARCH

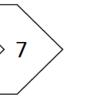
DEVELOPMENT

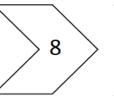
COMMERCIALIZATION & DIFFUSION













Basic idea

Proof of Concept concept developed

Process validation in lab.

Process validation scale

Process Capability Production validated

Capability validated **Economic** run

Capability validated Range of

parts

Adaptation improvement

INFORMATION

KNOWLEDGE DIFFUSION SYSTEMS

PROTECTION & VALUE ADDITION

JUDICIAL SYSTEM

IP AS A STRATEGIC TOOL

THE WIPO/ARIPO/OAPI PILOTING PROJECT

- 1.Phase 0 Casablanca IP week in Mai 11 16, 2016 on preliminary draft project of Guidelines for elaboration of research institutions IP policies
- 2.Phase 1 May 1 to September 30, 2017 (Situational analysis and Guidelines presentation).
- 3. Phase II The Guidelines to be used in pilot projects in 5 member states during 2018/2019

The main goal of the Project is to promote the development of institutional IP policies in order to stimulate local innovation and technology transfer in Africa for economic growth and social development by providing the PROs, with the necessary support in:

- (a) Establishing and improving the necessary infrastructure (legal and organizational);
- (b) Developing professional skills for the effective use of the IP system in the area of innovation and technology transfer from the public sector, including setting up technology transfer offices (TTOs) and PROs;
- (c) Enhancing the understanding of the potential uses of the IP system for development and growth; and greatly facilitating the availability of the tools, guides and models relating to IP infrastructure and management.

Ten key questions asked for the formulation of the IP guidelines

- ✓ Who owns IP generated by publicly- funded research?
- ✓ How are revenues from research commercialization shared among faculty, university, government and other stakeholders?
- ✓ What rights does the government have on IP generated at universities and R&D institutions?
- ✓ Is private funding for defined research projects acceptable?
- ✓ What choices do universities and R&D institutions have for commercializing their research results?

Ten key questions asked for the formulation of the IP guidelines

- ✓ Who manages IP and technology transfer in universities and R&D institutions?
- ✓ What IP management procedures should be followed by the university or R&D institution?
- ✓ How can the cost of protection and maintenance of IP be managed?
- ✓ How can conflict of interest and commitments be handled?
- ✓ How should universities and R&D institutions encourage and motivate scientists/ researchers?