



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 3: ENHANCING IP TRAINING AND EXPLOITATION BY AFRICAN
UNIVERSITIES**

OUTLINE

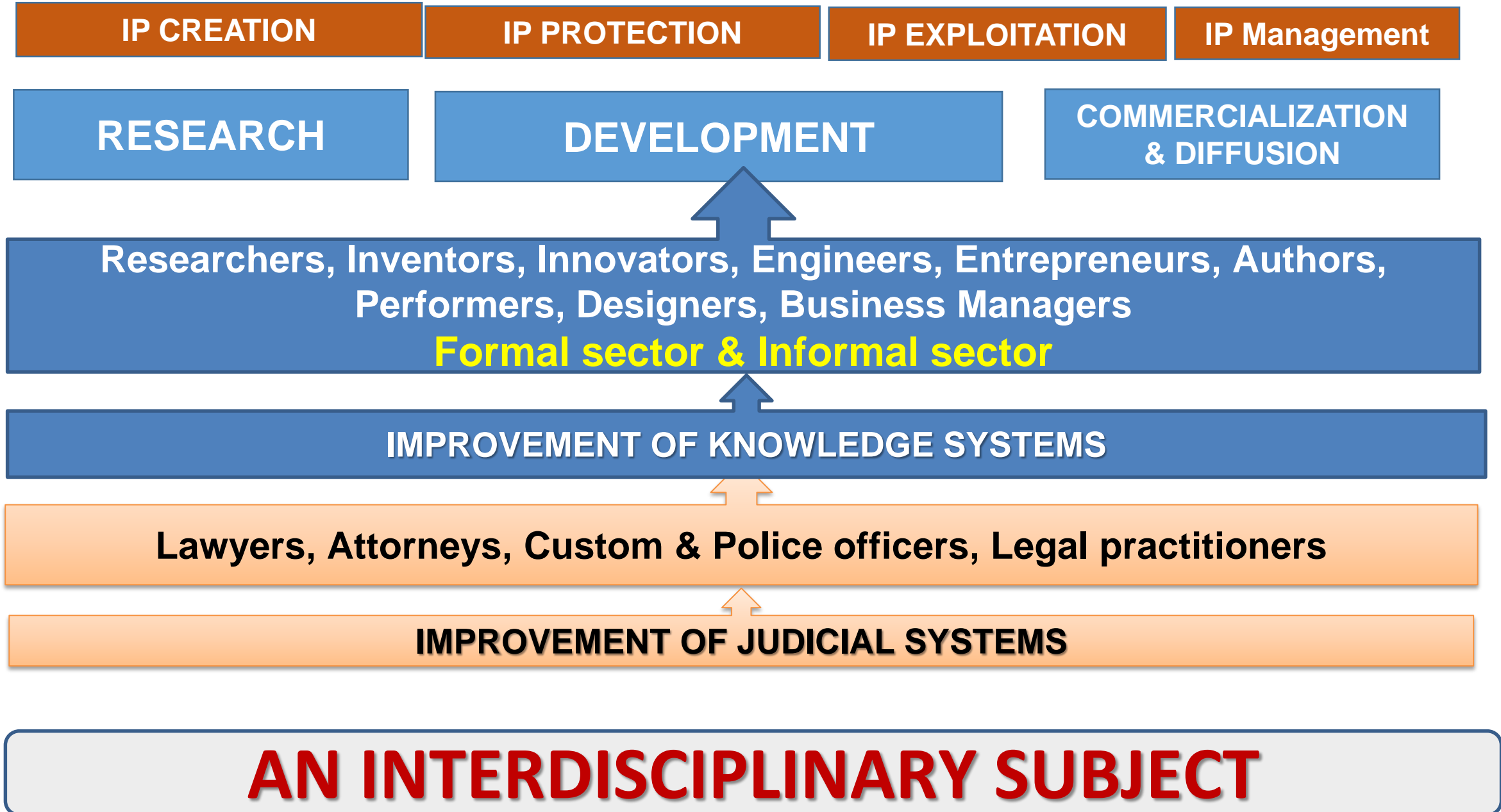
WHY IP SHOULD BE TAUGHT IN AFRICA?/ WHO NEEDS IP EDUCATION?

WHAT IS THE STATE OF TEACHING OF INTELLECTUAL PROPERTY IN AFRICA?

- **WHERE IP IS TAUGHT?**
- **WHAT SUBJECTS ARE TAUGHT?**
- **WHAT TYPES OF IP COURSES ARE DEVELOPED?**
- **WHO IS TEACHING IP?**
- **HOW IS IT TAUGHT?**
- **WHAT RESOURCES ARE AVAILABLE?**
- **WHAT ARE THE PROBLEMS?**

**WHY IP SHOULD BE TAUGHT IN AFRICA?
&
WHO NEEDS IP EDUCATION?**

WHY IP EDUCATION/WHO NEEDS IP EDUCATION?



WHAT IS THE STATE OF TEACHING OF INTELLECTUAL PROPERTY IN AFRICA?

- 1. WIPO IN HOUSE TRAININGS**
- 2. ARIPO PROGRAMME**
- 3. OAPI PROGRAMME**
- 4. SOUTH AFRICA INITIATIVE**
- 5. MISCELLANEOUS**

WIPO Academy - Global center of excellence for IP training, education and human capacity building.

Offers courses covering the full range of IP topics in several languages and formats

- 1. Distance Learning (DL) Program**
- 2. Professional Development Program**
 - offers some 23 training courses a year for participants from DC & LCDs**
- 3. Academic Institutions Program (AIP)**



Distance Learning Phase	Residential Learning Phase	Dissertation
<ol style="list-style-type: none"> 1. General Course on Intellectual Property 2. Patents 3. Trademarks, Industrial Designs and Geographical Indications 	<ol style="list-style-type: none"> 1. Patents and Utility Models 2. Industrial Designs 3. Branding (Trademarks) 4. Branding (Geographical Indicators and Unfair Competition) 5. Copyright and Related Rights 6. IP and Public Health; Food Security and Biotechnology 7. Traditional Knowledge, Folklore and Genetic Resources 8. IP, Small and Medium Sized Enterprises and IP Management 9. IP Asset Management, Strategic Planning, Technology Transfer and Licensing 10. Innovation and Entrepreneurship 11. Enforcement of Intellectual Property Rights 12. Practical Training at ARIPO 	<ol style="list-style-type: none"> 1. Dissertation projects on selected and approved topics. 2. Every student works intensively under the guidance of two supervisors



ORGANISATION AFRICAINE
DE LA PROPRIÉTÉ INTELLECTUELLE



Distance Learning Phase	Residential Learning Phase	Dissertation
<p>1. General Course on Intellectual Property</p> <p>2. Copyright & Related rights/Patent Writing/ IP Management¹</p> <p>3. Trademarks, Industrial Designs and GI/ Patent /IP Management 2</p> <p>Residential Supplementary courses</p> <p>1. Business Law and Accounting Environment of IP</p> <p>2. General Introduction to IP</p> <p>3. Trademarks and Industrial Designs Law</p> <p>4. IP Litigation 1</p> <p>5. IP Assets Management</p> <p>6. Plant Variety Rights, Biotechnology and Biodiversity</p>	<p>Specialty 1 for Law fellows « IP Law and New Technologies »</p> <p>1. Collective Management of Copyrights and related rights</p> <p>2. Distinctive Signs Law</p> <p>3. ICT Law</p> <p>4. Competition and IP</p> <p>5. Special Contracts of IP</p> <p>6. IP Litigation 2</p> <p>Specialty 2 for STEM fellows « Applied Industrial Property »</p> <p>1. Advanced Patent Law</p> <p>2. Advanced Plant Variety Rights Law</p> <p>3. International Protection of Patents and Trademarks</p> <p>4. Management of IP assets</p> <p>Specialty 3 for Economy, Accounting, Finance fellows « Economics and Management of IP »</p> <p>1. Introduction to the Economics of IP</p> <p>2. Strategic Management of IP</p> <p>3. Accounting, Auditing and Taxation of IP</p> <p>4. Setting up of Creative and Innovative Projects</p>	<p>Dissertation projects on selected and approved topics.</p>

IP Training in South Africa

UNISA	JOHANNESBURG	STELLENBOSCH
<p>Copyright Law</p> <p>Design Law</p> <p>Intellectual Property Aspects of Global Information Networks</p> <p>Innovation and Intellectual Property Management</p> <p>Patent Law</p> <p>Trade Mark Law</p> <p>Unlawful Competition</p>	<ul style="list-style-type: none">• Patents• copyright• registered designs• trade marks.	<p>Compulsory modules:</p> <ul style="list-style-type: none">• Copyright Law• Trademark Law• Patent Law and the Law of Registered Designs <p>Elective modules:</p> <ul style="list-style-type: none">• Intellectual Property in the Digital Environment• Competition Law <p>Optional research component:</p> <ul style="list-style-type: none">• Intellectual Property Law: Research Paper <p>All modules carry 30 credits each.</p>

Awareness Campaigns

IP issues discussed during Innovation Days or Symposia or Events;

- IPA Award Ceremony – Botswana 2016
- Workshop on Intellectual Property Innovation Policy
- WIPO-NIPMO_SA 2017 & 2018

Basic IP items introduced in Major courses e;g; Chemistry, Arts, Pharmacy, Electronics, Mechanics, Energy, Agriculture, etc.

Media programs on IP; News papers with examples of IP

DL and/or Residential Non-degree Programs

- Training Course on Trademarks WIPO-INPI-OMPIC_2017 Casablanca, Morocco
- Training Course on Patent Search and Examination for African Countries ASRT-Cairo_2017 Cairo, Egypt
- Training Course on Collective Management of Copyright and Related Rights ONDA-Algiers_2017 Algiers, Algeria (ONDA)
- Advanced Training Course on Intellectual Property for Government Officials WIPO-WTO_2018/3 Geneva, Switzerland
- Training Course on Patent Law and Examination WIPO-KIPO-PAT_2018/4 Daejeon, Republic of Korea
- Executive Workshop on the Application of Management Techniques in the Delivery of Intellectual Property Services WIPO-CIPO_2018/6 Ottawa, Canada (CIPO)
- Advanced Training Course on Intellectual Property, Transfer of Technology and Licensing WIPO-CEIPI_2018 /6 Strasbourg, France (CEIPI)
- Advanced Training Course on Copyright and Related Rights Issues and Challenges for Senior Officers WIPO-BCC_2018/7 London, UK
- Training Course on Patent Search and Examination in the field of Pharmaceuticals WIPO-ILPO_2018/11 Jerusalem

**HOW IS IP TAUGHT?
PROBLEMS?**

Methods of Teaching IP in different situations:

- 1. Law fellows – The traditional « Case Method » or « Problem Solving Method »**
- 2. Business fellows – Case Studies**
- 3. Engineering or Science fellows – Patent documents**

Problems with IP education:

- Low level of awareness on IP**
- Low number of experts in IP issues**
- More focus on legal aspects of IP**
- Low coverage of the principles of IP Law as it is applied to the digital environment**