DEPARTMENT OF RESEARCH
SCIENCE AND TECHNOLOGY

SUB-REGIONAL POLICY DIALOGUE: IP POLICY AND STRATEGIES
MOROCCO; CASSABLANCA
PRESENTATION LAY-OUT

• MANDATE OF DEPARTMENT
• POLICY DOCUMENTS
• KEY STAKEHOLDER(S)
• NATIONAL IP STRATEGY
  • FINDINGS OF STRATEGIC DOCUMENTS
  • CHALLENGES
DEPARTMENT MANDATE

• ESTABLISHMENT OF DEPARTMENT
  • Ministry: 2002
  • Department: 2004
    • Conducive policy and legislative environment for S&T
    • Motivate/Develop appropriate S&T policies

• POLICY AND LEGISLATION
  • International Cooperation, Intellectual property, Forecasting and Planning

• COORDINATION AND DEVELOPMENT
  • Monitoring and Evaluation, Science Technology Information, Data base Management
COMPANIES AND INTELLECTUAL PROPERTY AUTHORITY

- ACT OF PARLIAMENT- AUTONOMOUS
  - BOARD OF AUTHORITY
  - REGISTRAR GENERAL (CEO)
  - INDUSTRIAL PROPERTY OFFICE
  - COPYRIGHT ADMINISTRATOR
STRATEGIC DOCUMENTS

• NATIONAL SCIENCE AND TECHNOLOGY POLICY (2011)
• COMPANIES AND INTELLECTUAL PROPERTY ACT (2011)
• BOTSWANA NATIONAL RESEARCH SCIENCE AND TECHNOLOGY PLAN (2005)
• ASSESSMENT OF THE INSTITUTIONAL IP POLICY LANDSCAPE (WIPO)
• INDIGENOUS KNOWLEDGE SYSTEMS POLICY (DRAFT)
• ASSESSMENT OF NATIONAL SYSTEM OF INNOVATION (ANIS REPORT 2010)
• NATIONAL INTELLECTUAL PROPERTY PLAN DRAFT (BOTSWANA)
ASSESSMENT OF NATIONAL SYSTEM OF INNOVATION (REPORT)

- Macro Level: Innovation Policy Level
- Meso Level: Institutional Innovation Support Level
- Meso Level: Programmatic Innovation Support Level
- Micro Level: Innovation Capacity Level
CLASSIFICATION OF DETERMINANTS

• POLICY LEVEL
  • NATIONAL INNOVATION POLICY
  • REGIONAL INNOVATION POLICY
  • MASTER PLANS
  • TRAINING & EDUCATION
  • FORESIGHT R&D AGENDA
  • CLUSTER POLICY
  • INNOVATION FRIENDLY INNOVATION REGULATIONS
INSTITUTIONAL INNOVATION SUPPORT LEVEL

- TECHNOLOGY SUPPORT CENTRES
- TECHNOLOGY PARKS
- INCUBATIONS
- CLUSTERS
- BUSINESS PROMOTION AGENCIES
- INNOVATION SERVICE PROVIDERS
- FUNDING AGENCIES
PROGRAMMATIC INNOVATION SUPPORT LEVEL

• STI FUNDING SCHEMES
• FUNDAMENTAL R&D PROGRAMMES
• APPLIED R&D PROGRAMMES
• JOINT FUNDING SCHEMES
• ACCOMPANYING MEASURES TO SUPPORT STI
• ENTREPRENEURIAL SUPPORT
• CLUSTER DEVELOPMENT PROGRAMMES
• INTERNATIONALIZATION SUPPORT
INNOVATION CAPACITY LEVEL

- UNIVERSITIES
- INSTITUTIONS FOR FUNDAMENTAL R&D
- PRIVATE R&D INSTITUTIONS
- INNOVATORS
- ENTREPRENEURS
- SMEs
- LARGE COMPANIES
CHALLENGES

- Low levels appreciation of the economic potential of IP-based business activities – a challenge that appears to cut across diverse stakeholder groups.
- Low levels of awareness and appreciation of the proprietary rights of IP generators/owners – a challenge that also appears to cut across diverse stakeholder groups.
- Low level of FiR capacities to harness and leverage IP for development.
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- Gaps in the governance framework manifested by absence of NIPDP, national IP policy, critical IP laws and regulations; the practice of arbitrary extension of patents,
BASIC CHALLENGES

- Absence of linkages between industry and universities or Tertiary Institutions
- Weakness in the overall coordination of science and technology initiatives including Intellectual Property
- Absence of appropriate intellectual property management systems in R&D institutions
- Lack of negotiation skills
- Disconnection amongst institutions Dealing with IP Matters
FOCUS OF INTERVENTIONS

• Pillar 1: Bridge gaps in the governance framework
• Pillar 2: Enhance capacities for financing IP generation and commercialization.
• Pillar 3: Develop capacities to raise awareness, offer education and training and conduct research in relation to IP.
• Pillar 4: Develop entrepreneurship capacities in selected areas
• Pillar 5: Enhance institutional capacities.
INSTITUTIONAL CAPACITIES

• Build capacity in Universities and Public Research organizations- IP importance at level Executives in the institutions
• Provide guidance and framework structures for Executives to adapt and adopt (for instance ongoing WIPO project)
• Technology Innovation Support Centre (WIPO)
DEVELOP CAPACITIES TO RAISE AWARENESS

- CIPA ESTABLISHMENT OF SATELLITE OFFICES IN OTHER PARTS OF THE COUNTRY
- COMMEMORATION OF IP DAY CELEBRATIONS ACROSS THE COUNTRY
- ESTABLISHMENT OF FOCAL POINTS FOR IP MATTERS IN UNIVERSITIES AND PRO
- INTENSIFIED IP AWARENESS EDUCATION BY CIPA AND DRST
- TRAINING OF IP FOCAL POINTS (emergence of IP practitioners with science and technology background)
ACHIEVEMENTS

- ESTABLISHMENT OF COMPANIES AND INTELLECTUAL PROPERTY AUTHORITY AND ITS DESIGNATED AUTONOMY
- ESTABLISHMENT OF THE COLLECTION MANAGEMENT SOCIETY OF BOTSWANA (COSBOTS)
- CONCERTED EFFORTS EVIDENT BETWEEN DRST AND CIPA ON AWARENESS BUILDING IN IP
- ESTABLISHMENT OF A NATIONAL TECHNOLOGY TRANSFER OFFICE, BITRI, UB
- ESTABLISHMENT OF AN INNOVATION HUB
- THAWING OF COLLABORATIVE RELATION BETWEEN KEY STAKEHOLDERS IN THE IP SPACE IN BOTSWANA
END OF PRESENTATION

• THANK YOU! THANK YOU! THANK YOU! THANK YOU
CONCLUSION