THE ABS CAPACITY DEVELOPMENT INITIATIVE

L'INITIATIVE DE RENFORCEMENT DES CAPACITES POUR L'APA

Approaches for Identifying Economic Potentials for Genetic Resources under ABS in Africa:

Outcomes of a 6 Country ABS Capacity Building Project (Cameroon, Kenya, Madagascar, Mozambique, Senegal, South Africa) under GEF-4

Hosted by the ABS Capacity Development Initiative jointly with UNEP Division of Environmental Law (DELC) and ONE WORLD ANALYTICS

funded by

BMZ Federal Ministry for Economic Cooperation and Development

Organisation Internationale de la Francophonie

Institut de la Francophonie pour le Développement Durable IFDD

Norwegian Ministry of Foreign Affairs

Danish Ministry of the Environment

implemented by

giz Programme Implementing the Biodiversity Convention

UNEP/ GEF-4 ABS Capacity Building Project for Africa executed by GIZ / ABS Initiative

Project title	Supporting the Development and Implementation of ABS Policies in Africa
Countries	Cameroon, Kenya, Madagascar, Mozambique, Senegal, South Africa
Project Cost	2.180.652 USD ▪ GEF Grant: 1,177,300 USD ▪ Co-Financing: 1,003,352 USD
Duration	10/2010-12/2014

Regional Activities

	Activities	GEF-financing	Co-financing
A	**Development, Implementation and Revision of ABS Policies and Regulations in 6 Countries**	827.300 USD	110.000 USD
B	**Regional and Sub-Regional Cooperation and Capacity Development** ▪ Training of Trainers ▪ Regional ABS Materials and Tools ▪ Participation of National ABS Counterparts ▪ Involvement of Sub-Regional Organizations ▪ **Identifying of Business Potentials for GR** ▪**Synthesis/Dissemination of National Lessons** ▪ Training Workshops ▪Coordination of National/Regional Activities	295.200 USD	40.000 USD
C	**Project Coordination** ▪ Overall Project Management ▪ Monitoring and Evaluation	54.800 USD	-

Pilot Countries

Cameroon

Project Cost	Project Duration
320.000 USD	03/2011 – 07/2013

Key Activities			
Training of Government Officials, ILCs and NGOs	Study on ABS, TK and IP	Development of a Draft ABS Strategy	Development of ABS Tool Kits/Manuals and Trainings

Kenya

Project Cost	Project Duration
136.200 USD	07/2013 – 10/2014

Key Activities			
Development of ABS Tool Kit/Manual and Information Material	Conduction of a National Stakeholder Workshop and 4 Multi-Stakeholder Trainings	Conduction of a National ToT for ILC Representatives	Conduction of Trainings for Staff at National Level

Madagascar

Project Cost	Project Duration
134.000 USD	12/2010-10/2013

Key Activities			
Development of a Study on the Analysis of ABS Legislation	Conduction of Multidisciplinary Trainings for Officials of Ministries	Elaboration of a National Framework on ABS	Development of ABS Virtual Exchange on the Website of the CHM

Senegal

Project Cost	Project Duration
136.200 USD	01/2011 – 06/2014

Key Activities			
Conduction of 7 Decentralized Workshops	Elaboration of a Strategy on ABS	Conduction of a Committee Meeting	Workshop on National Validation Strategy

South Africa

Project Cost	Project Duration
200.500 USD	01/2011-12/2013

Key Activities				
Development of Stakeholder Specific Training Material; Conduction of Technical Training Workshop and 4 Stakeholder Specific Workshops on ABS	Establishment of a Web-Based CHM, Coordination Mechanism and Information Portal	Development of a National ABS Management Tool incl. Best Practice Guidelines and Case Studies	Production of ABS Film and Brochure on FAQ	Analysis of National Policies and Amendment of Regulations; Conduction of a Public Participation Process

[Mozambique]

Project Cost	Duration
168.200 USD	01/2012- 10 / 2014

Key Activities			
Conduction of Regional Trainings for Institutions, NGOs, Locals	Production and Dissemination of Public Awareness Material, Media Outreach Tools	Revision of Regulations on ABS	Development of Guidelines

Country voices:

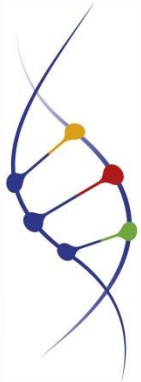
- Highlight of activities undertaken
- Lessons learnt
- Challenges ahead

Study: Identifying economic potentials for GR

✓ 6 reports on the **countries' biodiversity in the global patent systems**

- 6 **country (desktop) reports** <u>further exploring</u>:
  - a) **links between patent documents, values chains and markets**,
  - b) **national actors** related to the utilisation of GR
  - c) **country specific recommendations** to inform the
    - national ABS framework
    - valorisation of GR.
- **4 sector analysis** on users of GR, R&D, trends requirements.
- **A synthesis report.**

Country Overview: early findings



Links between patent documents, values chains and markets

Key findings:

- A few genetic resources related to patent documents could be linked to value chains and markets.
- Most patent documents go nowhere!
- However, there is ongoing R&D on a range of GR

In conclusion:

- GR are of value for the sectors' innovation approach
- In practice, actors do invest in R&D activities related to countries biodiversity.

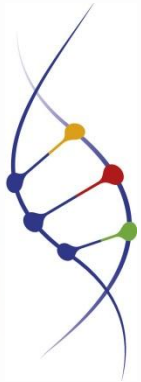
Country Overview-Early Findings

National actors related to the utilisation of GR. 1/2

Overview:

- Differences between countries regarding the diversity of actors conducting R&D, spectrum of research areas covered.
- **South Africa** and **Kenya** : match between a provider R&D activities and the sectors R&D needs
- **Other countries** :
  - gap between national actors and sectors R&D requirements.
  - a core nucleus of institutions presenting R&D features that open some opportunities to valorise GR

Country Overview-Early Findings



National actors related to the utilisation of GR. ½

- **South Africa** and **Kenya** :
  - Diversity of actors doing R&D (i.e. Public, Private, civil society)
  - Conducive business environment; respectively with a bioeconomy and bioprospecting strategies

- **Cameroon**
  - Network of R&D actors at the regional level in Congo basin
  - Diversity of actors related to R&D at the national level

National actors related to the utilisation of GR. ½

- **Madagascar**
  - A unique expertise on bioprospecting (ICBG).
  - Few experienced national companies and NGOs valorising GR.
  - Capacity to undertake initial phases of R&D (e.g. taxonomy, sampling, basic screening of activity)

- **Senegal**
  - Some research taking place in the universities and public institutions
  - Specificity : 2 major commodities where there is on-going R&D at the international level

- **Mozambique**
  - A national strategy on biotechnology since 2009 and a few public institutions doing research for agricultural and marine purposes

Sector Analysis: Methodology

- **Sector considered as the most important users of genetic resources:**
  - Pharmaceuticals
  - Cosmetics
  - Food & Health Food
  - Biotechnology sectors

- **Questions addressed:**
  - What are R&D trends in the sectors?
  - How do sectors use genetic resources for R&D purposes?
  - What are the users requirements for undertaking R&D on genetic resources?
  - What are there market opportunities for products based on genetic resources?

THE ABS CAPACITY DEVELOPMENT INITIATIVE

L'INITIATIVE DE RENFORCEMENT DES CAPACITES POUR L'APA

Thank you

… more on ABS and the
ABS Capacity Development Initiative ”

- www.abs-initiative.info

funded by

BMZ Federal Ministry for Economic Cooperation and Development

ORGANISATION INTERNATIONALE DE la francophonie

INSTITUT DE LA FRANCOPHONIE POUR LE DÉVELOPPEMENT DURABLE IFDD

NORWEGIAN MINISTRY OF FOREIGN AFFAIRS

DANISH MINISTRY OF THE ENVIRONMENT

implemented by

giz Programme Implementing the Biodiversity Convention