



Cercle pour la Sauvegarde
des Ressources Naturelles

SGP The GEF
Small Grants
Programme



*Au service
des peuples
et des nations*

**« Valorization of genetic resources and
traditional knowledge for the sustainable
management of Sacred Forests Benin »**

BOSSOU Bienvenu/LOKOSSOU Orphée
CeSaReN NGO

Plan

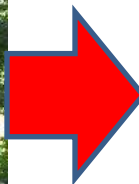
- Context and justification
- Objectives
- Activities implemented, outputs and lessons learnt
- Perspectives

Context and Justification

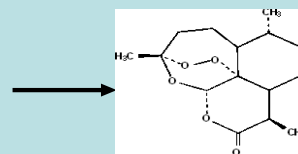
- The Nagoya Protocol on Access and Benefit Sharing (ABS) from the use of genetic resources (GR) recognizes, supports and protects the rights of local population and communities to their traditional resources and knowledge (Art. 12 of the Protocol)
- The Nagoya Protocol on ABS creates legal security, clarity and transparency on ABS (Article 6, paragraph 3 (a)) where the establishment of a national framework ABS to involve communities
- NGO (Ce.Sa.Re.N, with the support of UNDP (GEF SMALL GRANT PROGRAM) has decided to support a pilot project based on ABS approach for the sustainable management of two Sacred Forests (Gbévozoun and Gnahouizoun) that integrates the valorization of GR, practices and knowledge of the traditional system and modern sciences.

Contexte and justification

- Sacred Forest (SF) true reservoirs of biodiversity and traditional laboratories; they represent a successful model of traditional management and biodiversity conservation;
- Dignitaries and local communities are living libraries that hold Traditional knowledge (TK) ;
- Genetic Resources and TKA can offer both existing and potential markets for scientific research, development and marketing of pharmaceuticals, food, agricultural and industrial products;
- Erosion of genetic resources and the loss of Traditional knowledge Associated ;
- Fear of local people for the rub of their Traditional Knowledge



L'application du mécanisme APA peut aider à une transition efficace et profitable



Médicaments (CTA), bénéfiques pour les firmes et autres



Project Objectives

- **Objectif général :**

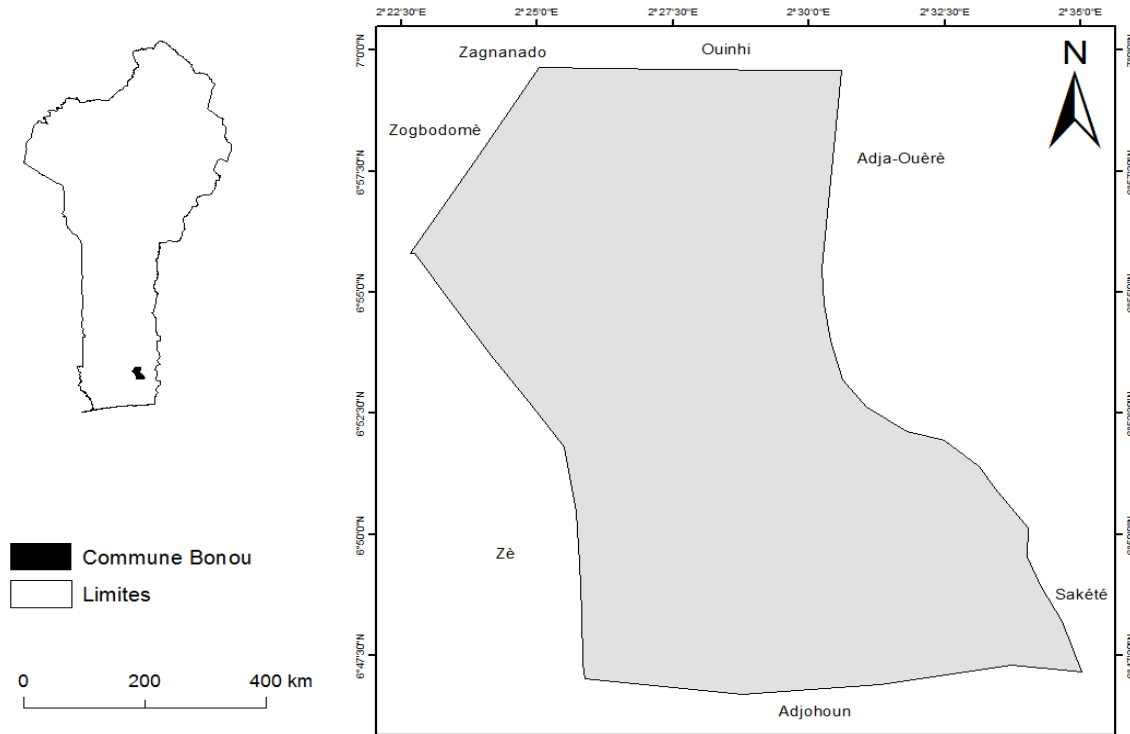
Strengthen conservation and sustainable use of SF through mechanisms and tools ABS

- **Specific Objectives**

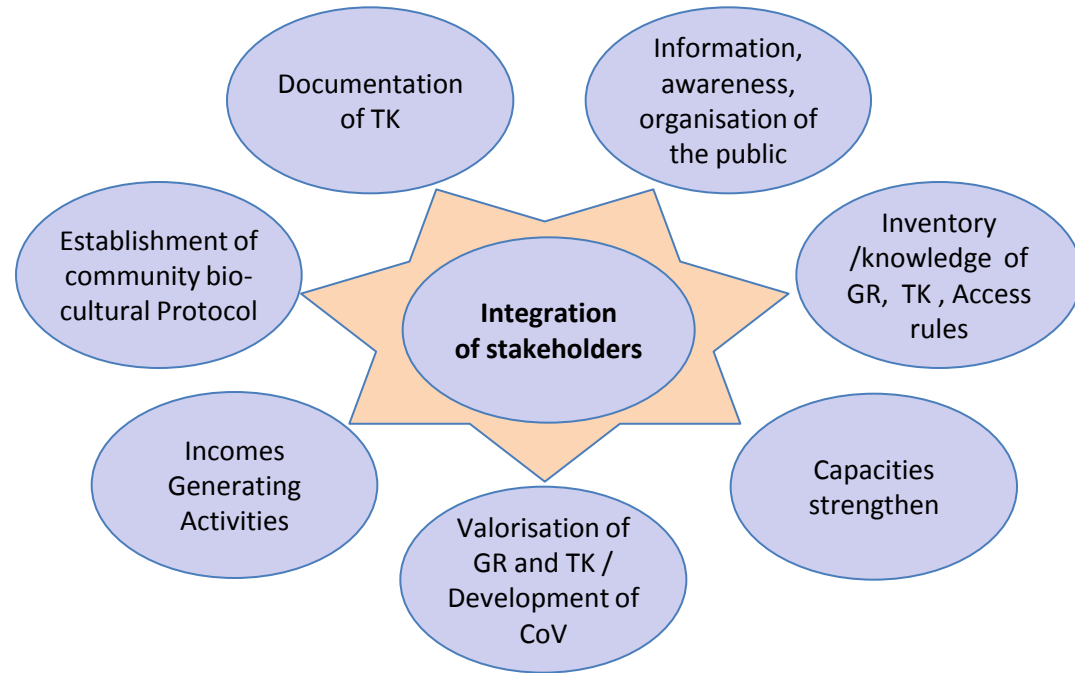
- Strengthen the capacity of communities on Access and fair and equitable benefits sharing arising from the utilization of genetic resources (ABS).
- Strengthen simple plans of participatory management of two sacred forests selected (Gbèvozoun and Gnahouizoun)
- Develop a Community biocultural protocols (BCP) in connection with the principles of the Nagoya Protocol on Access and Benefit-sharing from the use of genetic resources (ABS).
- Increase the income of the owners of SF and TK through development activities and promotion of chain of value for some biogenetic resources (species) and TK basing on ABS mechanism.
- Ensure the efficient involvement of local communities in the implementation ABS process in Benin

SITE D'INTERVENTION

A community in a region of high biodiversity resources so potential supplier of resources that can make object of agreements on Acces and benefit-sharing (Bonou)




Methodological approaches



Activities implemented and output

FIELD OF ACTIONS	ACTIVITIES IMPLEMENTED	OUTPUTS AND EFFETS
<p>INFORMATION, PUBLIC AWARENESS ORGANIZATION OF SARKEHOLDERS</p>  	<p>Project ownership by stakeholders through;</p> <ul style="list-style-type: none"> ✓ Development of information notes (leaflets) as standard support. ✓ Information and awareness of key PP on the project and the main concepts (APA and implications for CL, CoS, BCP, etc.) 	<ul style="list-style-type: none"> ✓ 350 participants in all socio-professional categories concerned: Good understanding of the Project, commitment and availability of stakeholders. ✓ Number of categories of actors involved in the process: 15 ✓ Number of committees put in place and functional : 3 (ABS committees, SF Management Committees, facilitators Group for PCB).

Activities implemented and output

FIELD OF ACTIONS	ACTIVITIES IMPLEMENTED	OUTPUTS AND EFFETS
<p>INVENTORY of TK, GR, Rules of Access</p> 	<p>04 Studies</p> <ul style="list-style-type: none"> ➤ Mapping of communities ➤ Inventory of GR and TK ➤ Analysis of resources access modes of 2 SF ➤ Identification of GR and TK of high potentiality 	<p>2 Reports on the description of local communities, their perception of the region and their impact on 2 FS (NTFPs)</p> <p>01 Directory GR 1 and TK on the FS</p> <p>GBEVOZOUN: 256 species of which 75 (or 29.30%) are encountered only in the sacred forest. 61 diseases or sickness treated 01 Directory on GR TK on the FS</p> <p>GNAHOUIZOUN: 168 species of which 81 (or 48.21%) are encountered only in the sacred forest 35 treated pathologies or sickness</p> <p>Lessons learned:</p> <ul style="list-style-type: none"> •Heavy reliance of populations on traditional medicine. •High exploitation of medicinal biogenetic resources: Risk of extinction of known species red.

Activities implemented and output

FIELD OF ACTIONS	ACTIVITIES IMPLEMENTED	OUTPUTS AND EFFETS
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VALORISATION of RG and TKA, and Development of Chain of values

Identification of incomes (GR et TKA) of high useful potential

Partnership with the National Scientific Research Center (CBRST)

Analysis of the products traditional medical product by CBRST basing on WHO criteria

A Directory of 32 medical plants species to promote is available

collaboration / partnership Agreement between the Laboratory of Pharmacognosy Research Institute and Experimental Medicine and Traditional Pharmacopeia (IREMPT) of CBRST



25 products based on GR and TKA are certified MT

GR 1 and TKA (the miraculous plant Agreement enters APA for commercial research with foreign Laboratory (CoS)

Pharmacological and toxicological dossiers of 32 products prepared (IREMPT and the Laboratory of Pharmacognosy)



Activities implemented and output

FIELD OF ACTIONS	ACTIVITIES IMPLEMENTED	OUTPUTS AND EFFETS
<p>STRENGTHENING TECHNICAL CAPACITIES</p> 	<p>Training on value chains and protective processes of RG and CTA</p> <p>Training of local communities on the negotiations in the framework APA (General information on negotiation skills)</p>	<p>4 training documents</p> <p>Practitioners of traditional medicine (PMT) have been trained on the essential concepts on manufacturing guidelines (from the plant to the drug) and commercial forms of presentation of products to attract consumers</p>
	<p>Facilitator training on driving the development of PCB process</p> 	<p>Facilitators are equipped to lead the development of BCP (Documents guides and Toolbox)</p> <p>IMPACTS</p> <p>Contribution by the project:</p> <ul style="list-style-type: none"> - New initiatives against poverty not included in the FMP - Creating new horizon perspective possible for a better valuation of their revenue beyond the simple production of drugs.

Activities implemented and output

FIELD OF ACTIONS	ACTIVITIES IMPLEMENTED	OUTPUTS AND EFFETS
<p>STRENGTHENING FINANCIAL CAPACITIES</p>  <p>ELABORATION OF BCP DOCUMENTATION OF TK</p>	<p>Negotiation of partnership with a specialized microfinance organization based in the locality to support the Stakeholders</p> <p>Development toolbox / Support</p>	<p>-A partnership agreement with CREP to ensure funding and sustainability of the project results.</p> <p>A first disbursement of 2 millions CFA (4 thousands US \$) is done .</p> <p>Communities know the BCP, how to develop and use them.</p> <p>1 guideline for data collection is available</p>
		

Perspectives

- ❖ Continue the development of BCP;
- ❖ Consolidate outputs in technical capacity reinforcements through retraining on major themes Project (negotiation, valorization of GR and TKA, etc.)
- ❖ Monitor the process for ABS agreements on the miraculous specie and TKA
- ❖ Duplicate this experience in others sacred forests



**THANK FOR YOUR KIND
ATTENTION**