

The Sud Expert Plantes Développement Durable : supporting plant collections in francophone Africa

Cancun, 2016/12/06

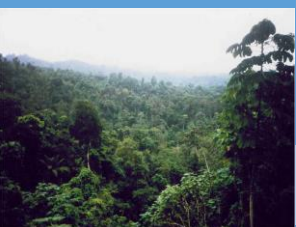
Sud Expert Plantes Développement Durable



2016 - 2020



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Funding partners :



Other partners :



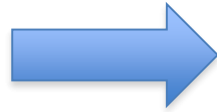
AN HERITAGE: Sud Expert Plantes (2006-2011)



Sud Expert Plantes



Sud Expert Plantes



- Initiative to help countries in the tropical belt to document plant biodiversity and manage it sustainably.
- 4 components:
 - ❑ Networks of botanists (seminars, workshops) → **AETFAT, Flora of South-East Asia**
 - ❑ Supporting collections: herbaria, botanical gardens → **18 projects**
 - ❑ Research projects, carried by scientists from the South → **30 projects**
 - ❑ Training → **diploma courses, technical courses, training the trainers**



Seminars

Sud Expert Plantes

*Association for the Taxonomic
Study of the Flora of Tropical
Africa
AETFAT 2010, Antananarivo*



*Second symposium on the Flora of Cambodia,
Laos and Vietnam, Hanoi,
Co-organised by Université Royale of Phnom Penh
and MNHN
350 participants, December 2010*

Third Symposium: Vientiane in 2015



Institute of Ecology &
Biological Resources



Ministère des Affaires
Européennes et
Etrangères



Muséum
national
d'histoire
naturelle



Supporting botanical collections and gardens

18 projects for Herbaria and botanical gardens

- 7 Africa Central;
 - 4 West Africa ,
 - 4 South East Asia,
 - 3 Indian Ocean
-
- Improve the conditions of conservation and management of herbarium collections
 - Increase the access to information

660,000 specimens mounted, protect the attacks of insects and fungi, labeled, identified and integrated into databases



Bamboo Conservatory of Phu An in Vietnam

Training future professionals in the management, conservation and enhancement of biodiversity



Diplomas

Master

Doctorates

An international Master centered around taxonomy with modules on genetics, law, databases

Technical training

Herbarium Management,

Inventory techniques,

Computerization of collections, parataxonomy, GBIF

Training of trainers

Field Schools & Seminars

43 trainers from 15 countries trained in the key disciplines of plant biodiversity

Training: capacity enhancement through GBIF



150 participants trained in 22 countries
GBIF deployment in the South
4 new member countries Madagascar, Guinea, Burkina Faso and Congo

Support tools, manuals for publishing data
Regional collaboration through national nodes
Annual capacity enhancement support call
Mentoring, training events



2012 Interim phase : NEEDS EXPRESSED BY THE SOUTH

➤ **After consulting the institutions and actors in the South, SEP2D was built keeping the 4 dimensions of SEP**

- Networks
- Collections
- Fundamental Research
- Teaching

➤ **Complemented by two new work packages:**

- Applied research** for the management and sustainable use of plant biodiversity
- The involvement of scientists in policy making** (national actions and international negotiations)

+ Decision to carry out preliminary situation assessments in 3 fields Research
Training and Collections



SEP2D

... tightly coupling research and action

to contribute to the Aichi targets and the Global Strategy for Plant Conservation



Addressing the underlying causes of biodiversity loss by mainstreaming biodiversity across government and society



Reducing the direct pressures on biodiversity and promote sustainable use



Improving the status of biodiversity by safeguarding ecosystems, species and genetic diversity



Enhance the benefits to all from biodiversity and ecosystem services



Enhancing implementation through participatory planning, knowledge management and capacity building

Aichi Strategic Goals



Geographic coverage: 22 countries

ABIDJAN

West Africa

- Benin
- Burkina Faso
- Ivory Coast
- Guinea
- Mali
- Mauritania
- Niger
- Senegal
- Togo



K. Kamanzi Yao KONAN

YAOUNDE

Bonaventure Lise
Sonké Zemagho

Central Africa

- Burundi
- Cameroon
- Chad
- RCA
- Congo
- DRC
- Gabon
- Rwanda

VENTIANE

South East Asia

- Cambodia
- Laos
- Vietnam

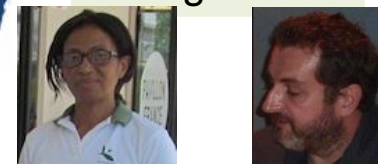


Eric Deharo

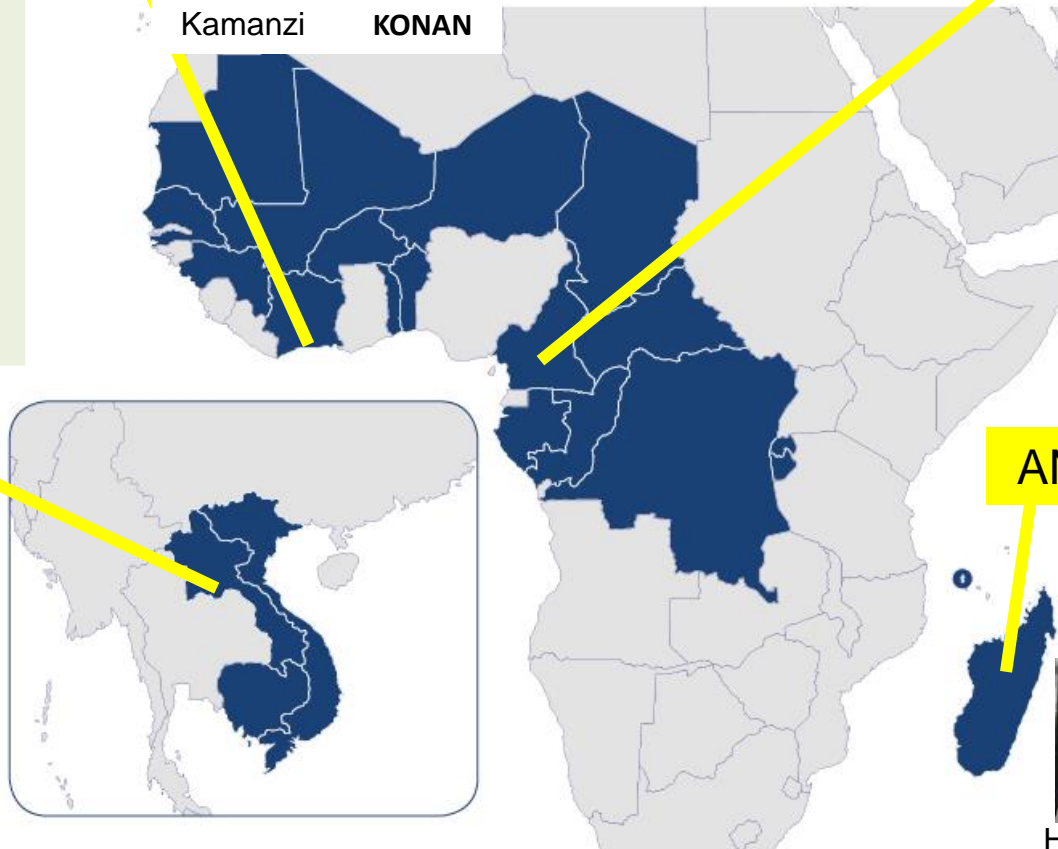
ANTANANARIVO

Indian Ocean

- Comoros
- Madagascar



Hery Lisy Thomas
RANARIJAONA Haevermans



Objectives:

- Capacity building in line with the employment market and the green economy
- **Intensifying the use of scientific expertise** for biodiversity management
- Know, conserve and maintain sustainably plant biodiversity
- **Focussing on sustainable modes of production and valorisation of plant biodiversity with the private sector**
- **Strengthen links between scientists and political actors** for improving public policies
- **Allow countries to advocate their interests in international events**



Develop a culture of partnership

4 main themes

- Sustainable management of **forests** in relation to climate change
- Limiting impacts due to **mining** activities
- The economic valuation of plant biodiversity in the **cosmetic** and **pharmacological** sectors
- The ecological intensification of agriculture by maintaining **agro-biodiversity**



Action 1 : Partnership between researchers and operational actors

- Partnership between Southern research institutions and a trader and / or NGOs, preferably in the South, in response to an applied research need



- ❑ 4 mandatory components:
research, application, training, dissemination of results
- ❑ Innovation with potential for economic development
- ❑ partnership ensuring ABS compliance

- 1st call for project: launch October 29th - deadline December 31th, 2016
- 2nd call for project: launch December - deadline March 1st, 2017

Action 2 : Basic research projects on plant biodiversity

- Basic research on the 4 priority issues : mining, forestry, valorization, agrodiversity



- haracterization of plant biodiversity (taxonomy, genetics, ...)
- Pooling research resources and transferability of results from one country to another (preference given to regional projects)
- A deposit of research specimens in herbaria
- Encourage diffusion of data online, through GBIF

- 3rd call for project: launch December - deadline March 6th, 2017

Action 3 : Supporting Botanical collections and Gardens

- Provide the necessary support for enhancing taxonomic knowledge and increase public awareness



Herbier RUPP Cambodge



Herbier HANOI Vietnam

- ❑ Herbaria: improving infrastructure and participate in the global inventory effort and sharing knowledge of plant biodiversity
- ❑ Completing the digitization of Herbaria collections
- ❑ Botanical gardens: biodiversity as a teaching and demonstration means to educate all public

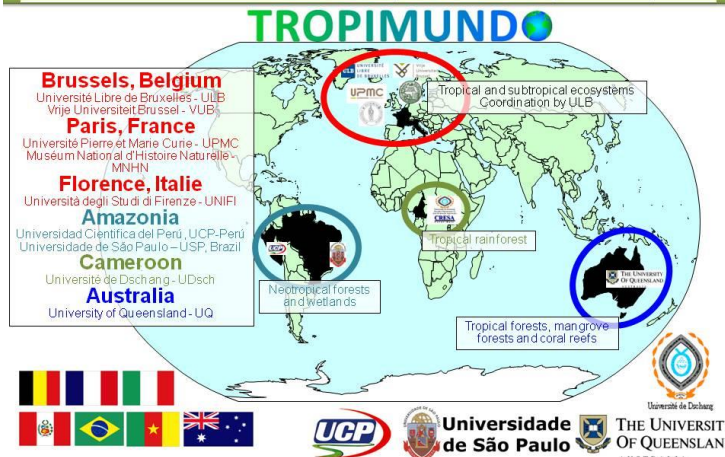
- 4th call for project: launch end of January - deadline April, 2017

Action 4 : Teaching

- Support to existing and new training workshops for the management and dissemination of biodiversity data



Erasmus Mundus Master course



- ❑ Scholarships
- ❑ New courses, agreements with North and South Universities
- ❑ A variety of training: academic, vocational, diploma or not, field school, South trainers training ...
- ❑ Online courses: for rare specialties to allow wider access
- ❑ GBIF Support to new training workshops for data management and diffusion of biodiversity data



Action 5 : Support public policy

- Sensitize politicians to national and international issues related to the conservation and valorization of plants



SBSTTA-20, Montréal, April 2016

- Promote and mobilise scientific expertise for the preparation or conduct of the negotiation process
- Sharing of experience and self-training on the expertise and advice to policy
- Participation in Evaluation and support to national and sectorial policies on plant biodiversity
- Publicize SEP2D among relevant ministries and inform of progress

Call for project 1 :

Research and Development in the management and sustainable use of biodiversity

[Partenariat et co-financement obligatoires]

Deadline: 31/12/2016



<https://goo.gl/6yvg8f>

Call for project 2 :

Research and Development in the valorisation and sustainable use of biodiversity

[Partenariat obligatoire, sans co-financement]

Deadline: 01/03/2017



[Disponible décembre]

<https://goo.gl/ogojS8>

Call for project 3 :

Plant biodiversity Research

[Aucune conditions de partenariat et co-financement]

Deadline: 06/03/2017



[Disponible décembre]

<https://goo.gl/m6Po9k>

Call for project 4 :

Support to collections and botanic gardens

[Aucune conditions de partenariat et co-financement]

Deadline: avril 2017

[Disponible janvier-février]



Thank you for your attention ...



Stéphanie ARDILA-CHAUVET

Secrétaire exécutive

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Décennie des Nations Unies
pour la biodiversité

