

# The Guiana Shield Facility In Brief



Tagline:  
Promoting  
conservation

Supporting  
sustainable  
development



# The Ecoregion Concept



The Guiana Shield Eco-region include the large forested mountain systems that form the watersheds between the Amazon and Orinoco rivers, as well as savannahs and wetlands. They cover mostly pristine rainforests, delineated by the Amazon Basin in the South, the Japari-Caqueta River in the Southwest, the Sierra de Chiribiquete to the West, the Orinoco and Vichada Rivers to the Northwest and North, & the Atlantic Ocean to the East.

- An ecoregion is an ecologically and geographically defined area
- It is the new unit of analysis for multi-functional landscapes
- There are 823 terrestrial ecoregions (IUCN 2012)
- 273 terrestrial ecoregions have met the Aichi Target 11 of 17% protected areas

# The Guiana Shield Eco-Region



The Guiana Shield is one of three cratons of the South American Plate. It is about 1.7 billion years old

***This ecoregion impacts regional and global climate stability.***

- 270 million hectares
- Largest complex of uninterrupted, intact primary tropical forests
- One of the richest tropical wilderness areas on Earth
- Great variety of ecosystems, some are not found anywhere else
- Key watershed region for the Amazon and Orinoco basins
- Globally significant stores of carbon - sequestering ~500 million t/year
- Holds some 10-15% of world's freshwater
- Rich cultural diversity: Population – 8 million

# Ecoregional Approach to Conservation & Sustainable Development

## Ecoregional Objectives

## Programmatic

## Implementation

### Local

- Livelihood
- Socio-cultural survival
- Security

Vehicle & Fund

- Support national/local priorities
- Leverage natural capital for development
- Safeguards

### National

- Economic growth
- Natural capital
- Strategies & Plans



Biodiversity Society & Congress

- Scientific forum for data/information exchange & updating
- Ownership
- Building capacity

### Regional

- Strategic cooperation
- Ecosystem services
- Protection of South Cone economies

Priority Setting, Science-Policy Consortia

- High level cooperation to meet international obligations
- Biodiversity & ecosystem services underpin development
- Public policies/decisions based on sound science

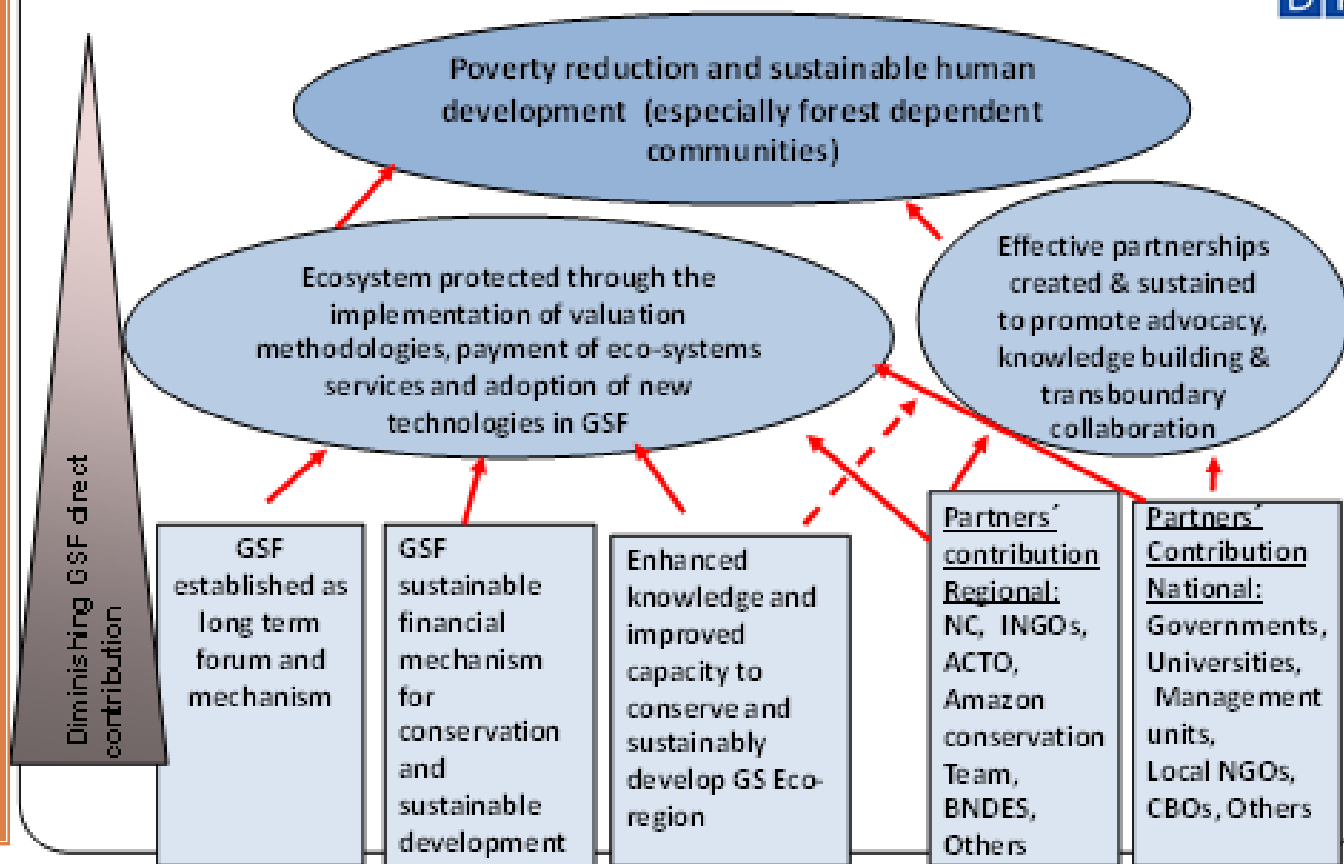
# Theory of change

The GSF creates and sustains an eco-regional platform to support national priorities, address common threats to ecosystems and the services they provide, build partnerships to promote advocacy, knowledge building and transboundary collaboration.

## The GSF Theory of Change & Intervention Logic



UN  
DP





# Launch of the GSF Project (ProDoc)

Georgetown,  
Guyana



Botanical  
Gardens

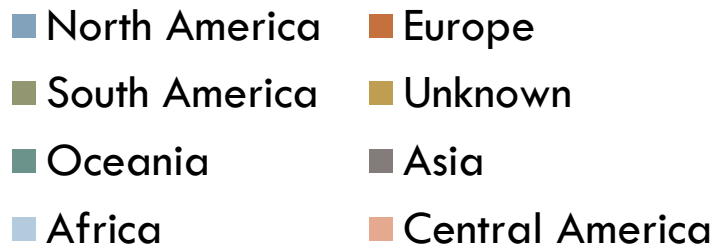
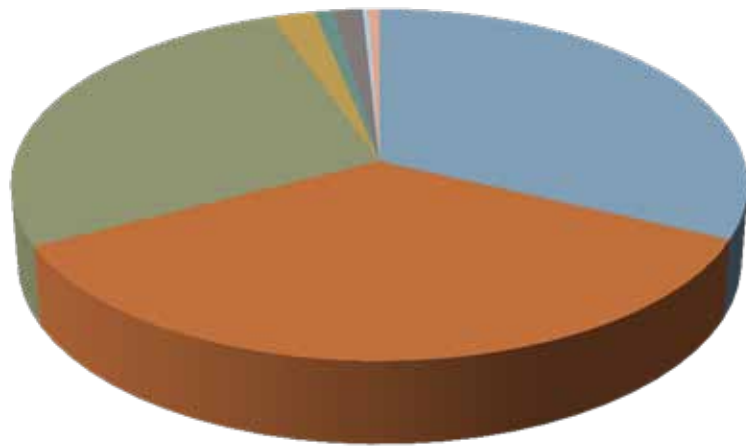
- ❑ 16 December 2011: DIM Authorization from UNDP RBLAC
- ❑ 18 January 2012: Approval of ProDoc by RBLAC
- ❑ 13 February 2012: Public ceremony to launch GSF project
- ❑ 13 February 2012: Signing of ProDoc by participating countries: Colombia, Guyana, and Suriname. Amapá State of Brazil signed as witness
- ❑ August 2010 - December 2011: period of GSF Initiation Plan

# GSF Visibility



- GSF logo  
Competition won by a Colombian national: Rafael Alcalá Mugno
- GSF Website launched on 2 October 2012  
<http://guianashield.org>  
multi-lingual capability
- GSF Communications Strategy

# GSF website use



- Over last two months: 5001 visits, 13,771 actions (or 2.7 actions per visit), & 3.6 hours per visit
- Visits mainly from Europe (1,764), North America (1,603) and South America (1,364)



# Donor Visibility

## EC-UN Visibility Guidelines and UNDP Branding Guidelines

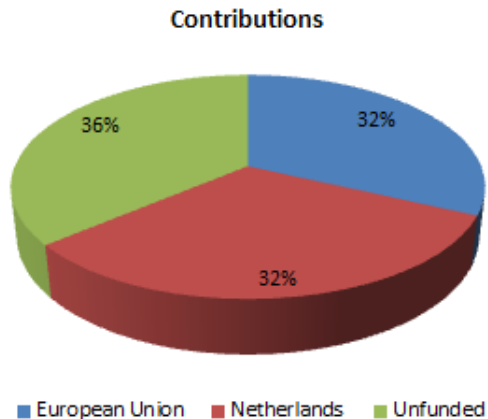


Ministry of Foreign Affairs



# Contributions to the GSF

## Financial Overview



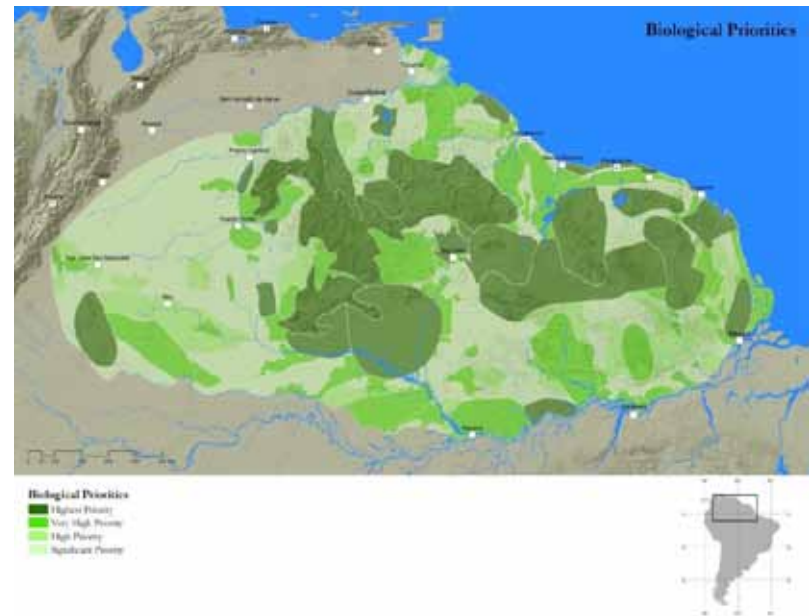
- Total GSF budget: EUR4.7 million
- European Union: EUR1.5 million
- Government of the Netherlands EUR1.5 million
- Unfunded: EUR1.7 million

# Ecosystems protected

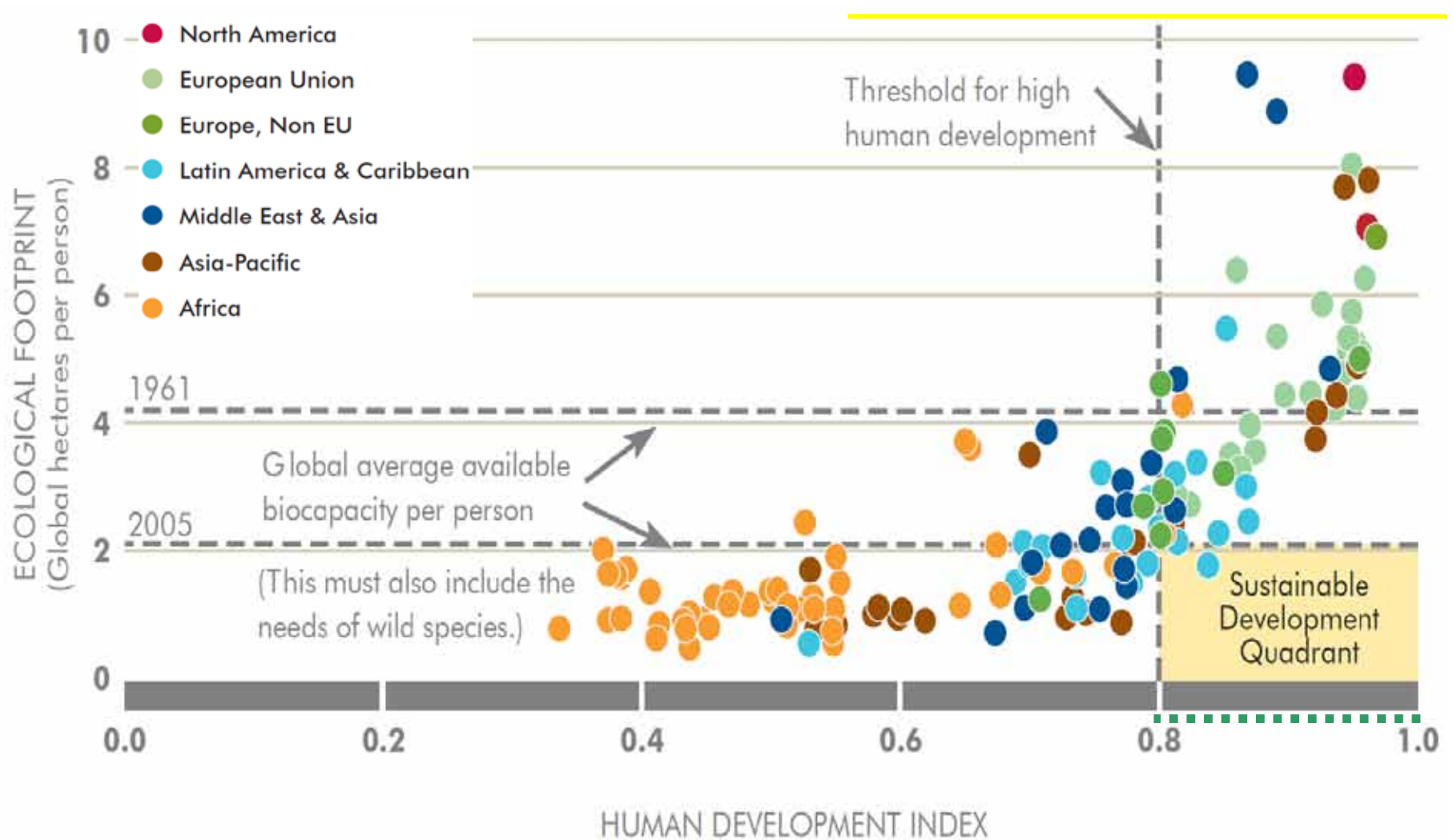
Through implementation of valuation methodologies, payment for ecosystem services and adoption of new technologies

# Operating Premise of the GSF

- Provision of incentives for the preservation and conservation of the ecological and social values of the Guiana Shield ecoregion towards ensuring the long-term delivery of its globally important ecosystem services will contribute to poverty reduction and sustainable human development, especially for forest dependent communities



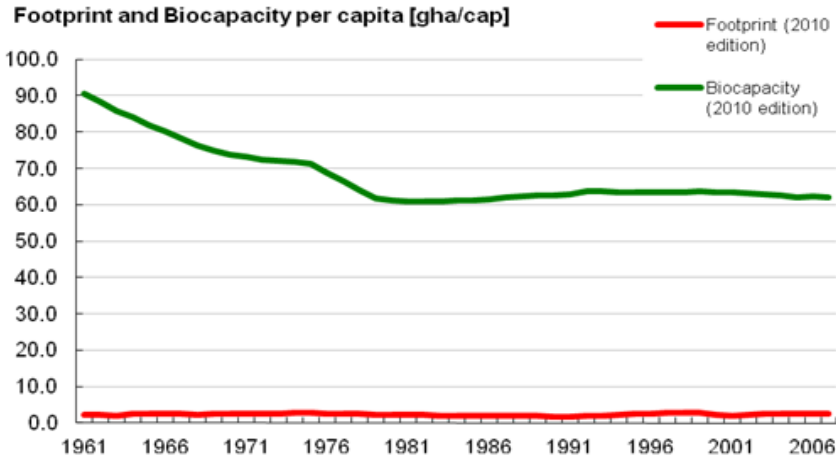
# Biocapacity for development



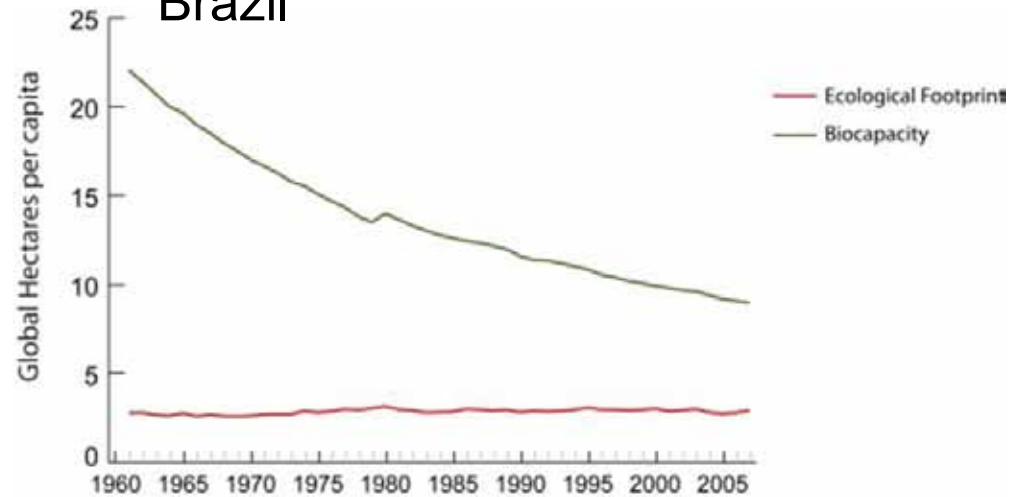
# Biocapacity in the Guiana Shield

Source: <http://www.footprintnetwork.org>

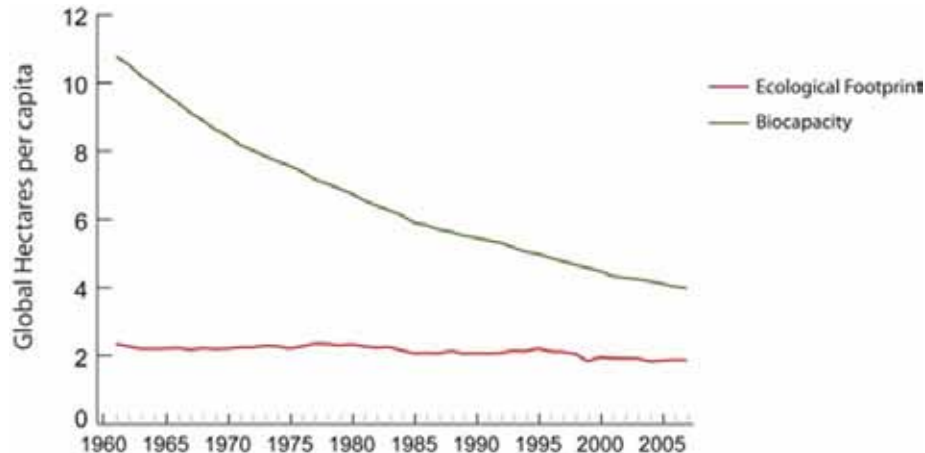
## Guyana (Suriname, French Guiana)



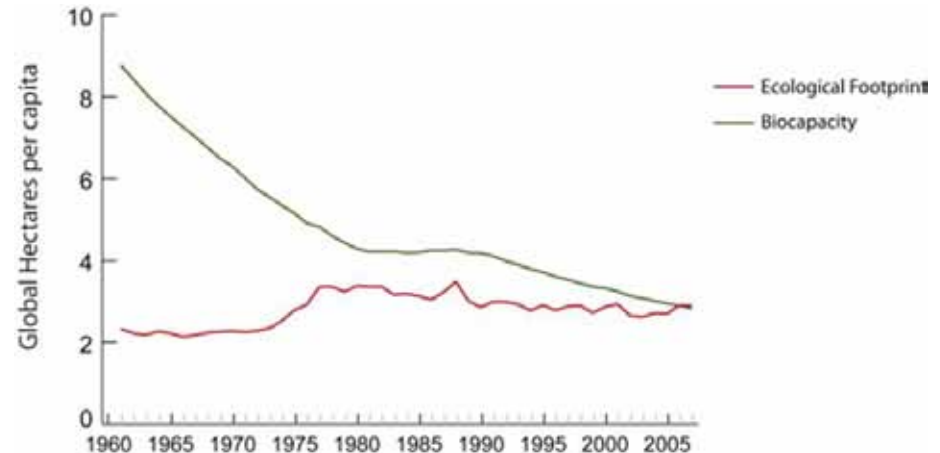
## Brazil



## Colombia



## Venezuela





# Projects supported by the GSF

National or Local Scale

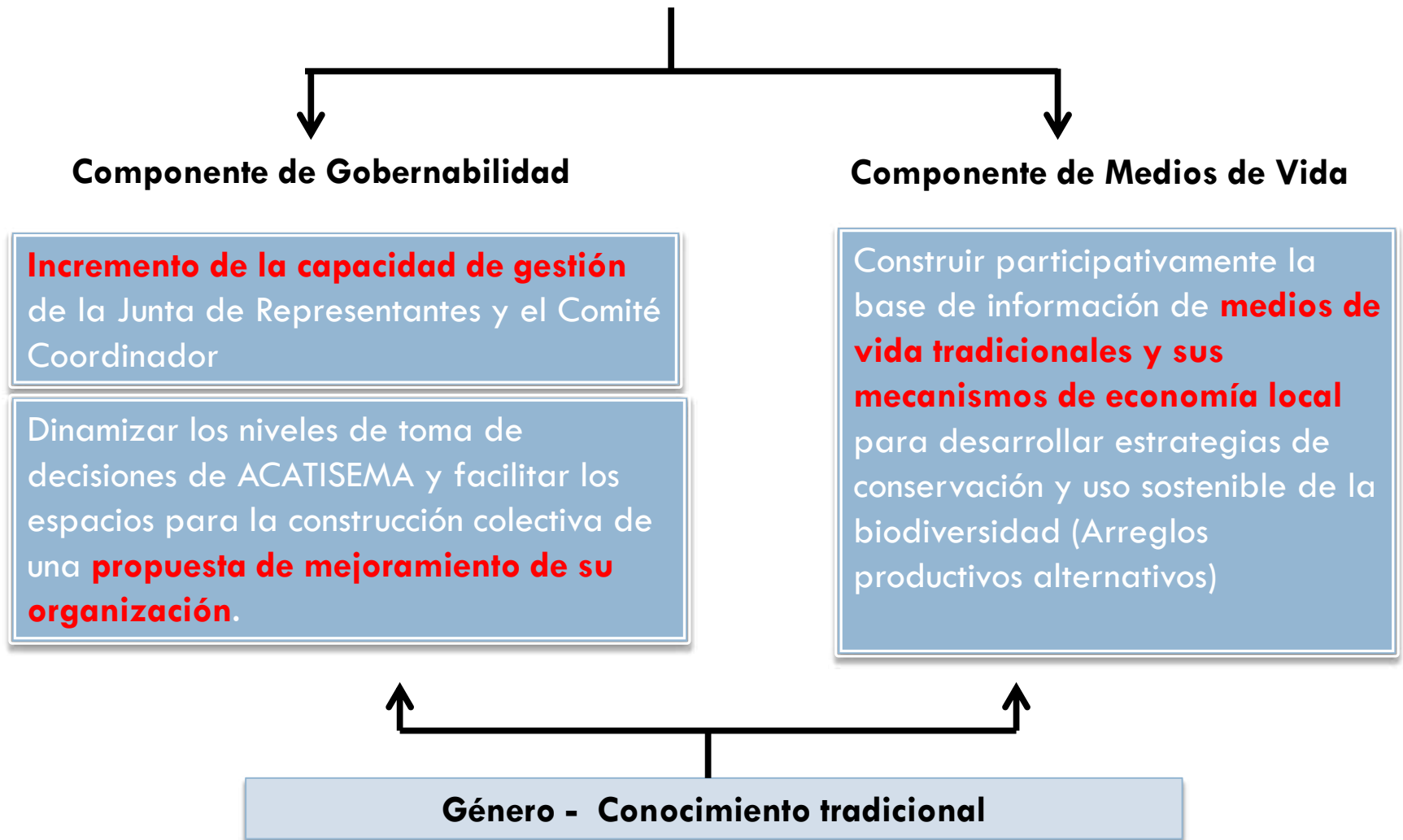
# Colombia

- Matavén: Resguardo Unificado de la Selva de Matavén covers an area of 1.8 million hectares
- 14,000 inhabitants from six indigenous groups: Cubeo, Puinave, Curripaco, Piapoco, Piaroa and Sikuani
- Transition zone between the Orinoco and Amazon regions
- Is part of the Guiana Shield



- Title of Project: Fortalecimiento de la Gobernanza de las comunidades indígenas de la Selva de Matavén para tomar decisiones participativas orientadas a la conservación del medio ambiente y la biodiversidad.
- Counterparts: ACATISEMA, von Humboldt Institute
- Duration: Two years

# Colombia project highlights





## Componente de Gobernabilidad

### Promoción de espacios colectivos:

- Generales
- Zonales

**Cooperación horizontal. Facilitador experto en procesos organizativos indígenas (Indígena - Indígena)**

**Intercambio de experiencias con otros grupos indígenas**

**Espacios de capacitación**

**ACATISEMA** con el apoyo del PNUD

## Componente de Medios de Vida

Espacios de participación y construcción colectiva.

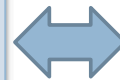
Monitoreo e investigación local para el autodiagnóstico.

Espacios de capacitación – formación.

Facilitadores locales para los proyectos piloto.

Intercambio de experiencias con otros grupos indígenas y entre sectores del resguardo

**IAVH - con el acompañamiento de ACATISEMA**



**Coordinación temática e integración de componentes - Humboldt**



## QUÉ HEMOS HECHO EN EL COMPONENTE DE GOVERNABILIDAD?

Avances en el *Diagnóstico de vacíos y barreras* en el esquema de toma de decisiones, participación, operación y funcionamiento de ACATISEMA que influyen e en los niveles de gobernabilidad (Insumos Talleres Zonales)

Avances en la *propuesta de mejoramiento* y fortalecimiento de ACATISEMA, que contribuya a mejorar los niveles de Gobernanza en la selva de Matavén (Insumos Talleres Zonales)

# ¿Qué hemos hecho en el componente de medios de vida?

1. Análisis de información: sistemas de uso de biodiversidad

2. Análisis de información: estructuras económicas locales

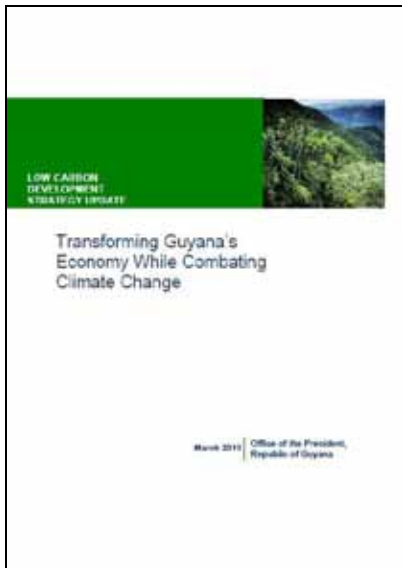
- Economías basadas en la extracción y el comercio ocasional.
- Fuerte incidencia de mercado externo (Inírida).
- Amanavén: altamente extractivo, intercambios poco frecuentes entre comunidades pequeñas.
- Bajo Guaviare: comunidades grandes y áreas cultivadas, alto intercambio con Inírida.





# Guyana

- Forest cover: 18 million hectares.
- Stored carbon: 18.35 GtCO<sub>2</sub>e



- Title of Project: Strengthening of Guyana's Technical Capacity to Implement MRVS and Other REDD+ Related Activities
- Counterparts: Guyana Forestry Commission
- Duration: Two years

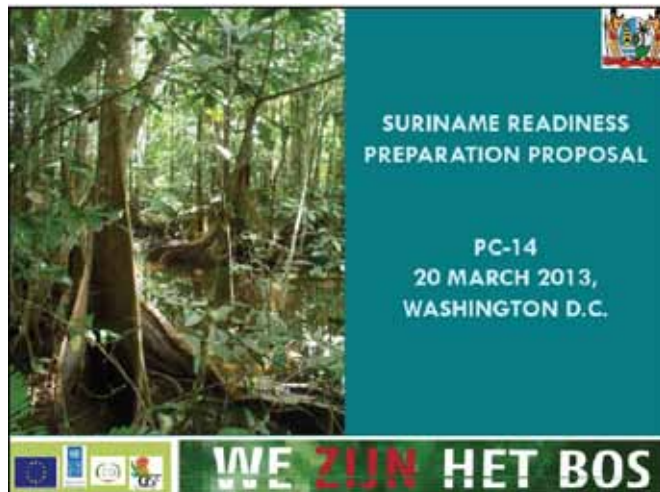
# Guyana project highlights



- Work to establish national reference level for carbon emissions started
- Consultation and outreach activities on national MRVS ongoing
- Co-benefits will focus on water as an ecosystem service
- National REDD+ strategy development to start soon
- Community MRVS work is ongoing

# Suriname

- Forest cover: 15 million hectares.
- Stored carbon: 11.1 GtCO<sub>2</sub>e
- Project title: National support for REDD+ Readiness Preparation Proposal (R-PP)
- Counterparts: Climate Compatible Development Agency
- Duration: One year



# Suriname project highlights



- R-PP approved by World Bank's FCPF on 21 March 2013.
- Seven issues identified in the FCPF's PC/14/2013/7 Resolution addressed
- R-PP resubmitted to the FCPF on 24 May 2013
- Suriname now eligible for FCPF grant of US\$3.8 million
- Transition project prepared for period July 2013 to March 2014



# Projects supported by the GSF

Ecoregional scale

# Congress on Biodiversity



- Guiana Shield Foundation for Biodiversity (GSFBIO) established
- International Society of Biodiversity of the Guiana Shield (IBG) established
- III International Congress on Biodiversity of the Guiana Shield to be held from 5-8 August 2013 in Suriname [www.biodiversitycongress.org](http://www.biodiversitycongress.org)
- Side events on: “Gender and Biodiversity” and “Guiana Shield Priority Setting Platform”
- Training on economic valuation of biodiversity
- Workshop on green economy – gold mining
- Symposium on social biodiversity & traditional communities





# Studies supported by GSF

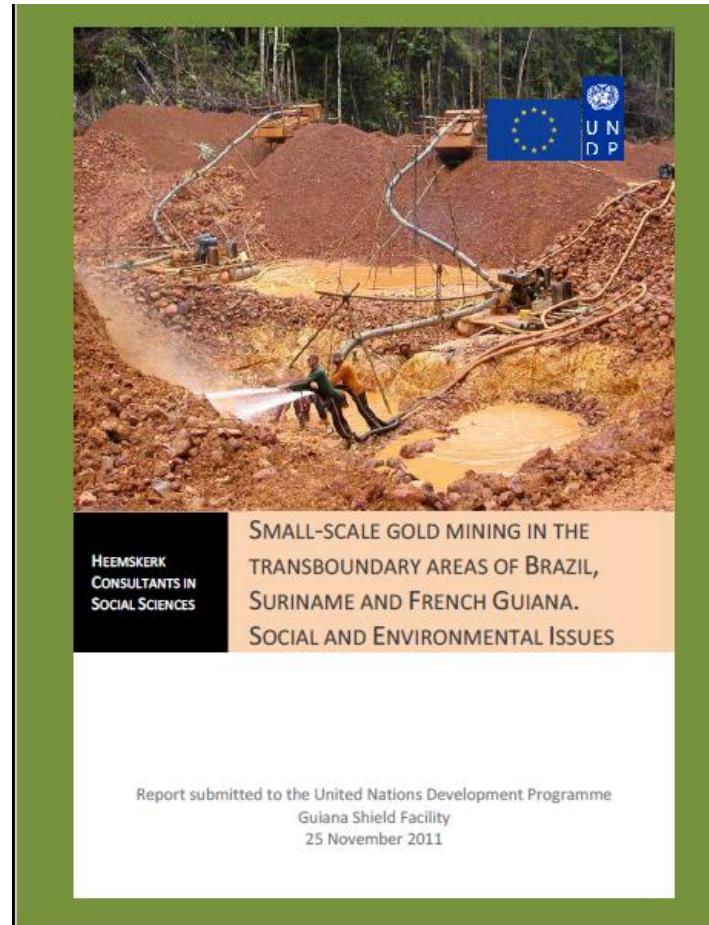
Inputs for Projects

# Small-Scale Gold Mining Assessment

Assessment  
of small-scale  
gold mining  
impacts in the  
transboundary  
areas of  
northeast  
Brazil (states  
of Amapá and  
Pará), French  
Guiana, and  
Suriname

109p.

Nov. 2011

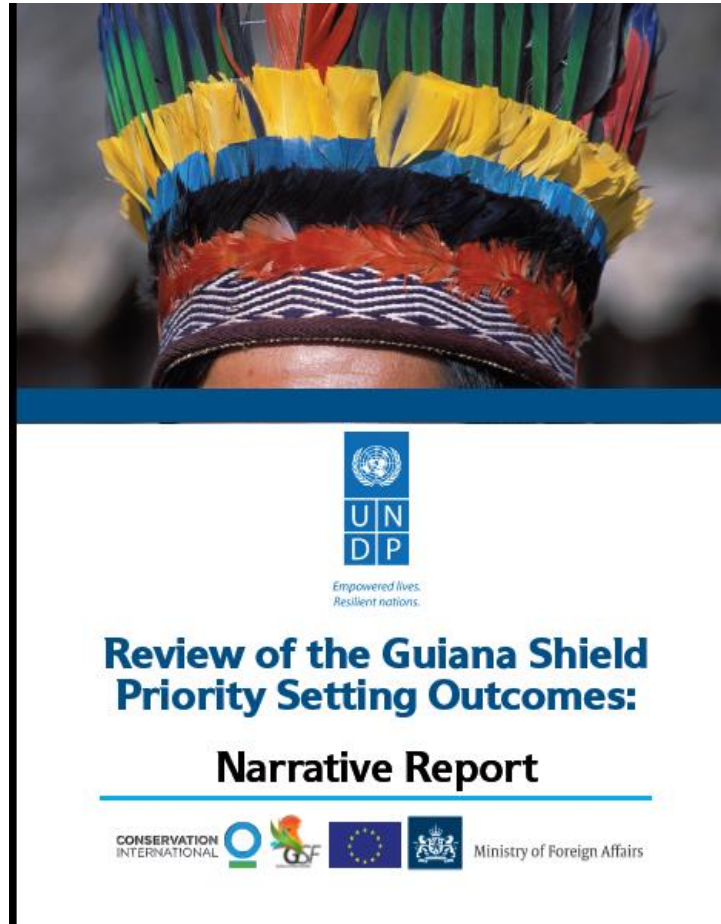


# Conservation Priority Setting Update

Since 2002, new priority areas that comprise 725,759 km<sup>2</sup>, or approximately 27% of the 2.7 million Km<sup>2</sup> Guiana Shield ecoregion. 89 new protected areas

79p

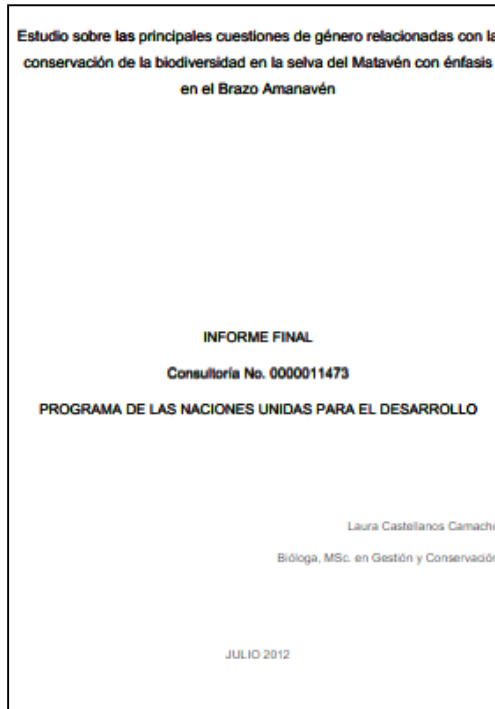
Dec. 2011



# Gender and Biodiversity Assessments

Studies on main gender issues related to biodiversity conservation in Colombia, Guyana and Suriname, in order to generate detailed data to strengthen national level efforts and to improve the strategic orientation of GSF activities

2012-2013



# Outline of Guiana Shield Database

A functional interdisciplinary database that links information on biodiversity, conservation initiatives, socioeconomics, natural resources, development, etc., for the Guiana Shield

132p.

May 2013



Guiana Shield Facility (GSF)  
Interdisciplinary Database (GSF-ID)

The slide features a decorative header with a solid orange rectangle on the left and a blue rectangle on the right. The text 'Effective partnerships created & sustained' is written in white on the blue background.

## Effective partnerships created & sustained

To promote advocacy, knowledge building and transboundary collaboration



# Partners Contribution - National

- Governments as implementing partners
- Active projects in Colombia, Guyana and Suriname
- Formal letters of interest, support, etc.
  - ▣ Brazil (Amapá State): 25 August 2011
  - ▣ Brazil (Amazonas State): 9 April 2013
  - ▣ Colombia: 30 December 2010
  - ▣ French Guiana: 29 January 2013
  - ▣ Guyana: 15 March 2011
  - ▣ Suriname: 13 October 2011

# Partners Contribution - National

- Local NGOs, CBOs as implementing partners
  - ACATISEMA (Colombia Matavén Resguardo)
  - NRDDDB and BHI (Guyana)
  - Indigenous and tribal communities in Suriname
- Universities as implementing partners
  - Anton de Kom University of Suriname

# Partners Contribution - Regional

- Amazon Cooperation Treaty Organisation (ACTO)
  - ▣ Draft MoU to establish a framework of cooperation and collaboration in areas of common interest, mainly technical information exchange, between ACTO and UNDP on the GSF
  - ▣ Resolution/X MRE-OTCA/7 dated 3 May 2012, circulated by ACTO to member countries. To date, 4 of 8 countries have submitted approvals

# Partners Contribution - Regional

## □ INGOs

- Draft MoU between UNDP, WWF Guianas and CI Guianas on the creation of a Guiana Shield knowledge centre
- CI, GSF, and WWF organised a side event on “Natural solutions for development” during the ACP-EU Joint Parliamentary Assembly, 27 November 2012



# Partners Contribution - Regional

- SELPER (La **S**ociedad de **E**specialistas **L**atinoamericanos en **P**ercepción **R**emota)

[www.selper.org](http://www.selper.org)

- Round table on Sustainable Management of Water and Forests 21 Nov 2012
- Engagement with Guyana and Suriname to form local chapters



# Partners Contribution - Regional

- MaMaCoCoSea
- Marine mammal conservation corridor for northern South America
- Regional Workshop 18-20 March 2013
- Requested that the GSF and the Guiana Shield Congress include Marine Biodiversity in its scope of work



# Lessons learned

Protecting ecosystems and creating effective partnerships for the conservation and sustainable development of the Guiana Shield ecoregion



# Lessons learned

- The natural capital of the ecoregion is managed by a diversity of social, environmental and fiduciary frameworks, and there is lack of a common vision
- Working with Governments as designers and implementing partners for the GSF actions in support of national priorities create national ownership and increases the chances for an ecoregional approach to conservation and sustainable development
- When the decision making authority of a country that shares the Guiana Shield ecoregion is outside of the Guiana Shield, decision making takes longer than the life of a short- or medium-term project or initiative

# Lessons learned

- Aligning the GSF to a regional treaty and establishing a working relationship with the implementing forum for that treaty builds trust and encourages delivery of support
- The GSF working in a multilateral fiduciary environment can be an effective and efficient delivery mechanism for the achievement of targeted results in the field
- The high biocapacity of the Guiana Shield ecoregion is forest based and needs to be valued and carefully managed for sustainable human development

# Lessons learned

- Local and indigenous communities sustain biocapacity but require targeted support in areas of sustainable livelihood, representation and negotiation with external development agencies, and business
- Universities and research institutions in the ecoregion are slow to appreciate the importance of targeting education and capacity building to link natural capital, markets and human development, but this is changing
- Effective partnerships at multiple scales are important to protecting the biodiversity, ecosystems and ecosystem services of the Guiana Shield ecoregion

# GSF Annual 2013 Work Plan

and pipeline projects



Tagline:  
Promoting  
conservation  
  
Supporting  
sustainable  
development



# Outline of Presentation

GSF is a multi-donor action, directly implemented by the UNDP for the conservation and sustainable development of the Guiana Shield ecoregion

- GSF activities by outputs
- Projects in the pipeline
- Financial performance
- Priorities for 2013-2014



# GSF Annual Work Plan 2013

By Output

# Output 1: Flexible fund & delivery

**GSF**  
established as  
a long-term  
forum and  
vehicle to  
address  
national and  
regional  
environmental  
issues related  
to  
management  
of the  
ecosystem  
services of the  
Guiana Shield  
eco-region

US\$1,100,200

- 1.1 Launch and administer the GSF call for proposals
  - ▣ Proposed for 3<sup>rd</sup> quarter 2013
- 1.2 Disburse GSF grants to project beneficiaries
  - ▣ Ongoing in Colombia, Guyana and Suriname
  - ▣ Pipeline projects
- 1.3 Convene and support a meeting of the RAB
  - ▣ Ongoing
- 1.4 Convene and support meetings of the NMSSCs
  - ▣ Ongoing
- 1.5 Promote the GSF logo and brand
  - ▣ Ongoing



# Output 1: Flexible fund and delivery

**GSF**  
established as  
a long-term  
forum and  
vehicle to  
address  
national and  
regional  
environmental  
issues related  
to  
management  
of the  
ecosystem  
services of the  
Guiana Shield

- 1.6 Adapt the GSF communication & visibility strategy to emerging realities
  - ▣ Ongoing
- 1.7 Develop and sign cooperation agreement with ACTO
  - ▣ In process
- 1.8 Prepare ToR for the GSF transition to a suitable regional entity and map options for selection of an entity
  - ▣ Consultancy on GSF institutional hosting
- 1.9 Prepare justification for selection of a suitable regional institution for the GSF
  - ▣ Consultancy on GSF institutional hosting

# Output 2: Sustainable financial vehicle

GSF maintained as a sustainable financial vehicle for conservation and sustainable development of the Guiana Shield eco-region and its ecosystem services

US\$ 178,499

- 2.1 Develop a proposal and justification for, and design the GSF fund structure
  - ▣ Proposed for 3<sup>rd</sup> quarter 2013
- 2.2 Implement the GSF donor strategy
  - ▣ Ongoing
- 2.3 Implement the GSF communications & visibility strategy
  - ▣ Ongoing
- 2.4 Establish & implement a gender-sensitive system for PES
  - ▣ Proposed for 4<sup>th</sup> quarter 2013
- 2.5 Enhance inter-sectoral collaboration on climate change, role of forests and sustainable livelihood
  - ▣ Ongoing in many projects, studies and partnerships

# Output 2: Sustainable financial vehicle

GSF maintained as a sustainable financial vehicle for conservation and sustainable development of the Guiana Shield eco-region and its ecosystem services

US\$ 178,499

- 2.6 Promote GSF as a platform to increase representation of the Guiana Shield within the wider Amazonian environment
  - ▣ Draft MoU with ACTO, engagement with WWF Living Amazon Initiative
- 2.7 Support to transboundary project, including an integrated freshwater management project
  - ▣ Pipeline projects

# Output 3: Knowledge & capacity

Exchange of knowledge and capacity building to enhance the conservation and sustainable development of the Guiana Shield eco-region

US\$326,940

- 3.1 Strengthen public and community organisations through training and capacity building
  - ▣ Ongoing through supported projects
- 3.2 Design and implement public awareness campaigns about the strategic importance of the Guiana Shield ecoregion
  - ▣ UNV to be hired
- 3.3 Mainstream gender and other cross-cutting issues
  - ▣ Gender-sensitive indicators included in projects
- 3.4 Maintain GSF website
  - ▣ Ongoing

# Output 3: Knowledge & capacity

Exchange of knowledge and capacity building to enhance the conservation and sustainable development of the Guiana Shield eco-region

US\$326,940

- 3.5 Continuous collection, updating, and dissemination of biophysical, socio-economic information
  - ▣ Pipeline projects
- 3.6 Establish a Guiana Shield knowledge centre
  - ▣ Guiana Shield Foundation for Biodiversity
- 3.7 Support to participation in key regional and international fora
  - ▣ Ongoing e.g. III Congress on Biodiversity
- 3.8 Support to PSW, III Biodiversity Congress & ACTOs Regional Information Observatory
  - ▣ Pipeline project; support to AdeKUS for III Congress on Biodiversity of the Guiana Shield

# Projects in the pipeline (hard)

National / State level

# Amapá State

Technical and scientific studies of forests in the Agua Fria community.

Indicative Budget:  
US\$300,000

- ❑ Manejo Comunitário de Uso Múltiplo da Floresta na comunidade de Água Fria, Pedra Branca do Amapari, AP.
- ❑ Construir uma base de informações sobre os produtos da sociodiversidade e fomentar o uso múltiplo da floresta e desenvolvimento sustentável local e regional
- ❑ Proposed by: SETEC
- ❑ Stage: Concept note
- ❑ Counterparts: ADAP, IEF



# Suriname

Elaborating on the increased awareness and involvement of stakeholders in REDD+, building capacity within the Technical Focal Point (namely NIMOS) and other entities such as the REDD+ Assistants and the Major Groups Collective.

Indicative budget: 269,500

- R-PP Transition Project
- To maintain the momentum of increased awareness and commitment among the stakeholders achieved during the formulation of the R-PP, to add to the awareness building and engagement process, and to build capacity
- Proposed by: CCDA / NIMOS
- Stage: Project document
- Counterparts: UNDP Suriname, UN-REDD, WWF Guianas



# Projects in the pipeline (hard)

Transboundary cooperation

# FORESEEN

Towards an integrated satellite and smartphone-based monitoring system in the Guiana Shield ecoregion

Indicative budget:  
US\$100,000

- **Forestry and Remote Sensing Exchange Network**
- A collaborative effort aiming to advance transparency in environmental services provision and natural capital accounting using a combination of new continuous satellite observation techniques and ground information capturing by local people using smartphones
- Proposed by: GSF
- Stage: Concept note
- Counterparts: SarVision, IES, GIS Laboratories & Forestry Departments of Guiana Shield countries, local communities

# WAVINGS

Implement a network to manage the exchange of data and other information related to water management in the Guiana Shield

Indicative budget: US\$50,000

- ❑ **Water Views and Information Network in the Guiana Shield**
- ❑ Technical cooperation on transboundary issues related to water access and use
- ❑ Technical workshop to be held in French Guiana during last quarter of 2013
- ❑ Proposed by: DEAL Guyane
- ❑ Stage: Concept note
- ❑ Counterparts: Other Guiana Shield countries / states

# GS-PSP

A Guiana Shield Platform for Conservation for the identification of priority critical natural capital at varying scales within the Guiana shield based on the use of available data and participatory approaches

Indicative budget:  
US\$80,000

- Guiana Shield Priority Setting Platform
- Supporting Sustainable Development within the Guiana Shield: Maintaining Nature's Assets through Mapping Critical Natural Capital
- Proposed by: GSF Secretariat
- Stage: Concept note
- Counterparts: WWF Guianas, SarVision, IES, Guiana Shield countries, CI Guyana



# Projects in the pipeline (soft)

National / State level

# Amazonas State, Brazil

Produce a Geomorphological and a Watershed map including run-off estimates for watersheds at the Guiana Shield ecoregional scale

Indicative budget: 280,000

- Digital hydro-geomorphological mapping of the Guiana Shield – outputs for management of natural resources
- Proposed by: Federal University of Amazonas
- Stage: Letter of interest
- Counterparts: Amazonas State Secretary of Environment and Sustainable Development (SDS), Guiana Shield countries



# From Landscape to Seascape

- The GEF Caribbean Large Marine Ecosystem and Adjacent Areas Project (which includes the North Brazil Shelf LME).
  - ▣ Transboundary Diagnostic Analysis
  - ▣ Governance assessment
  - ▣ Strategic Action Programme (PIF for GEF VI funding)
- Opportunities for the GSF
  - ▣ Assessment of land-based pollution impacts on marine biodiversity and coral reefs in the Caribbean Sea
  - ▣ Establish marine protected area(s) (Aichi Target 11)

# Countries sign new pact on Guiana Shield

- Amapá State (Brazil), Colombia, French Guiana, Guyana, and Suriname sign Guiana Shield agreement in Bogotá on 14.06.13



- Line of action:
  - Develop and test methods for the remuneration of ecosystem services and promote transboundary cooperation
  - Systematisation and exchange of information and development of knowledge platforms
  - Strengthening the capacity of the Guiana Shield countries

# Thank you. Merci. Bedankt. Obrigado. Gracias

GSF  
Secretariat

UNDP, 42  
Brickdam &  
UN Place,  
Georgetown,  
Guyana

Tel. (592) 226  
4040

[http://guiana  
shield.org](http://guiana<br/>shield.org)



Ministry of Foreign Affairs



Empowered lives.  
Resilient nations.