

GEF-7 Programming Directions Overview

Expanded Constituency Workshop

Lomé, Togo, 14-17 May 2019

Jaime Cavelier, Sr. Biodiversity Specialist. Global Programming Unit (GPU), GEF



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

www.theGEF.org

The Global Environment Facility (GEF) is...

1- Financial Mechanism
of the Environmental
Multilateral Agreements

2- Global Partnership

183 countries

GEF Focal Point



18 Implementing Agencies



+ Private sector, Academic institutions...

3- Massive Track
record of projects

- GEF created in **1991**
- **Over \$17.9 billion in grants**
+ \$93.2 billion in co-
financing
- More than **4500 projects** in
170 countries.



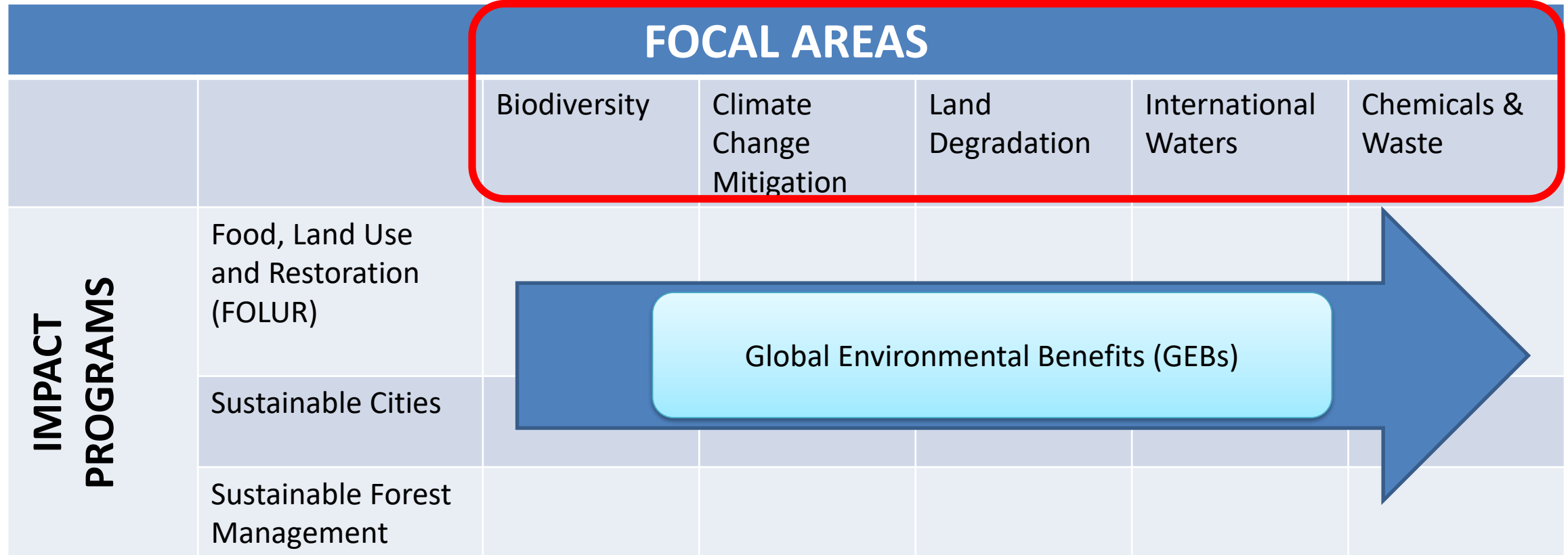
GEF-7 at a glance

- GEF 7 commenced on **July 1, 2018**
- **\$4.1 billion** total replenishment for the next 4-year period (2018 –2022)
- Reiterating **GEF's unique position and mandate** with multilateral environmental agreements
- Promoting the next step from **integration** towards **transformation** based on lessons learned
- Context: a fast **changing global situation** -scale and urgency of environmental threats as well as opportunities
- Emphasis on **country-driven** process



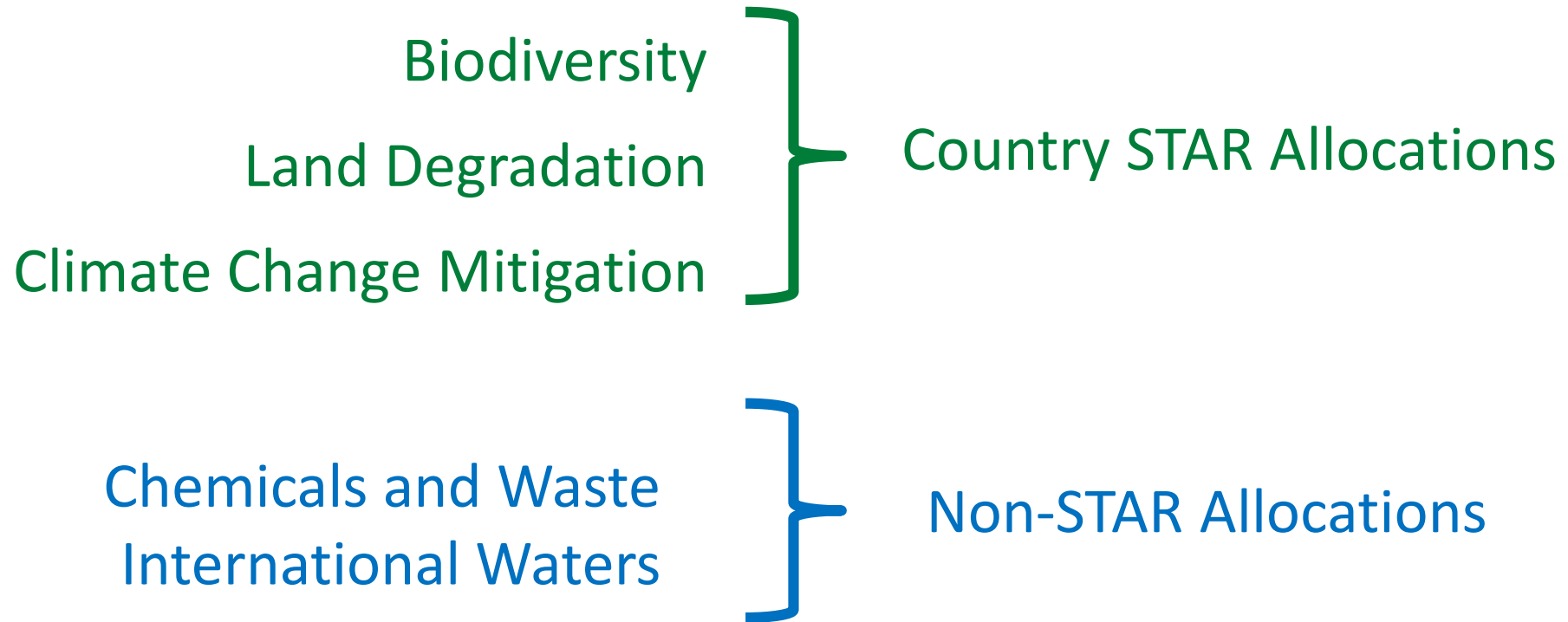
GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

The GEF-7 Programming Directions



| Core Indicators | GEF-7 Targets |
|---|---------------|
| Terrestrial protected areas created or under improved management for conservation and sustainable use (million hectares) | 200 |
| Marine protected areas created or under improved management for conservation and sustainable use (million hectares) | 8 |
| Area of land restored (million hectares) | 6 |
| Area of landscapes under improved practices (million hectares; excluding protected areas) | 320 |
| Area of marine habitat under improved practices to benefit biodiversity (million hectares; excluding PAs) | 28 |
| Greenhouse Gas Emissions Mitigated (million metric tons of CO ₂ e) | 1500 |
| Number of shared water ecosystems (fresh or marine) under new or improved cooperative management | 32 |
| Globally over-exploited marine fisheries moved to more sustainable levels (thousand metric tons) | 3500 |
| Reduction, disposal/destruction, phase out, elimination and avoidance of chemicals of global concern and their waste in the environment and in processes, materials and products (thousand metric tons of toxic chemicals reduced) | 100 |
| Reduction, avoidance of emissions of POPS to air from point and non-point sources (grams of toxic equivalent gTEQ) | 1300 |
| Number of direct beneficiaries disaggregated by gender as co-benefit of GEF investment | |

Focal Areas



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

www.theGEF.org

STAR for GEF-7

| <i>Country</i> | <i>Climate change</i> | <i>Biodiversity</i> | <i>Land degradation</i> | <i>Total</i> | <i>Fully flexible</i> | <i>Marginal adjustment</i> |
|----------------|-----------------------|---------------------|-------------------------|--------------|-----------------------|----------------------------|
| Benin | 1.50 | 3.00 | 5.11 | 9.61 | no | 2.00 |
| Côte D'Ivoire | 1.00 | 4.70 | 3.29 | 8.99 | no | 2.00 |
| Ghana | 1.00 | 4.27 | 4.20 | 9.47 | no | 2.00 |
| Guinea | 1.50 | 3.70 | 1.92 | 7.12 | no | 2.00 |
| Liberia | 1.50 | 3.13 | 1.50 | 6.13 | yes | |
| Nigeria | 10.78 | 5.64 | 4.26 | 20.68 | no | 2.69 |
| Sierra Leone | 1.50 | 3.00 | 1.50 | 6.00 | yes | |
| Togo | 1.50 | 3.00 | 2.73 | 7.23 | no | 2.00 |

This represents the marginal adjustments allowed for countries with total initial STAR country allocations exceeding US\$7 million, at US\$2 million or 13 percent of their total initial STAR country allocations, whichever is higher.



Biodiversity Focal Area

Goal: Maintain globally significant biodiversity in landscapes and seascapes

Objectives:

- **Mainstream biodiversity** across sectors as well as landscapes and seascapes;
- Address direct drivers to **protect habitats and species**; and
- Further develop biodiversity **policy and institutional frameworks**.



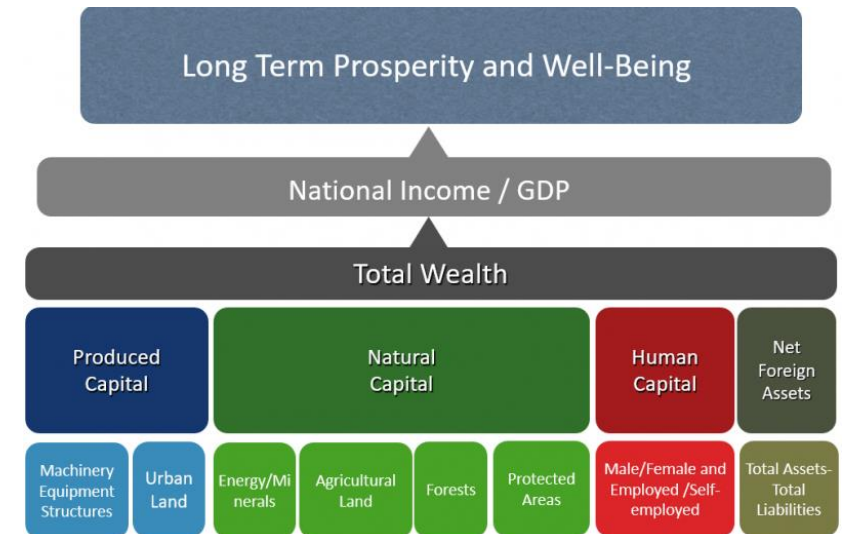
GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

www.theGEF.org

GEF-7 BD Strategy Entry Points:

I. Mainstream biodiversity across sectors as well as within production landscapes and seascapes

- Biodiversity **Mainstreaming** in Priority Sectors
- Preventing the Extinction of Known Threatened **Species**
- Natural Capital Assessment and **Accounting**;
- Sustainable Use of Plant and Animal **Genetic** Resources
- **Inclusive** Conservation



GEF-7 BD Strategy Entry Points:

II. Address direct drivers to protect habitats and species

- Prevention, Control and Management of **Invasive** Alien Species;
- **Financial** Sustainability, **Effective** Management, and Ecosystem **Coverage** of the Global Protected Area Estate



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

International Journal of Biodiversity and Conservation Vol. 2(10), pp. 300-307, October 2010
Available online <http://www.academicjournals.org/ijbc>
ISSN 2141-243X ©2010 Academic Journals

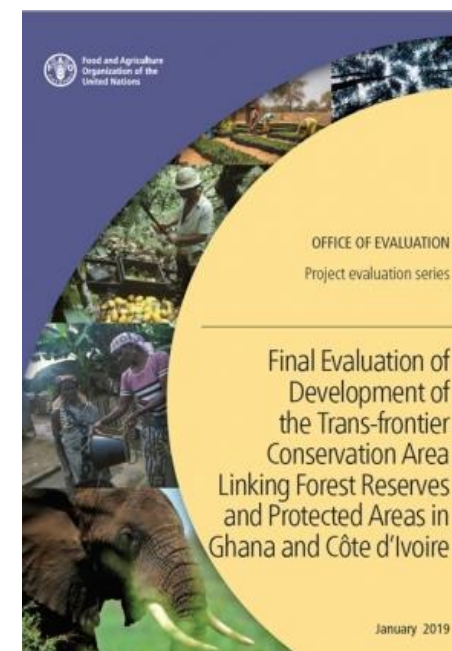
Full Length Research Paper

Forest invasion by alien plant species: The case of neem tree (*Azadirachta indica* A. Juss.) in Southern Togo

Raoufou Radji*, Koku Klu and Kouami Kokou

Laboratoire de Botanique et Ecologie végétale, Faculté des Sciences, Université de Lomé, BP. 1515, Lomé, Togo.

Accepted 16 September, 2010

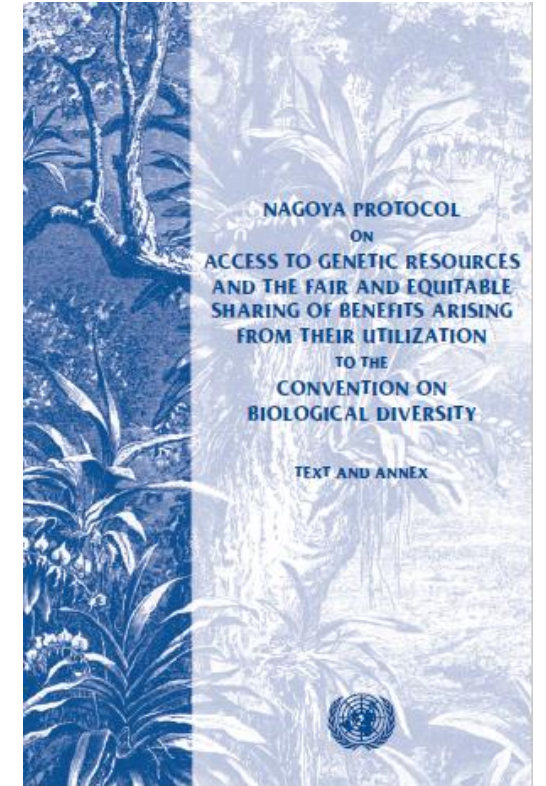
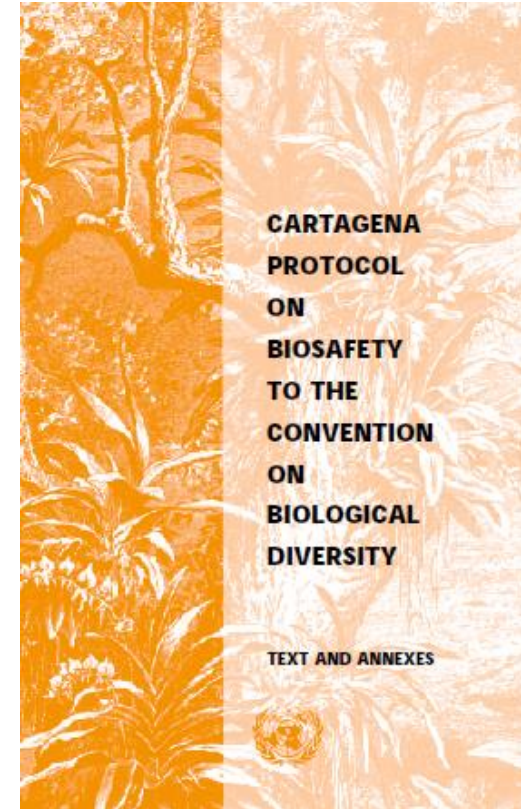


www.theGEF.org

GEF-7 BD Strategy Entry Points:

III. Further develop biodiversity **policy and institutional frameworks**

- Implement the Cartagena Protocol on **Biosafety**
- Implement the Nagoya Protocol on **Access and Benefit Sharing**
- Support the **Convention on Biological Diversity** by improving biodiversity policy, planning and review (**Enabling Activities**)



CBD Four-year Framework of Program Priorities for the GEF's 7th replenishment period (2018-2022):

*“Encourages the Global Environment Facility to continue and further strengthen **integrated programming** as a means to harness opportunities for synergy in implementing related multilateral environmental agreements as well as the 2030 Agenda for Development and its Sustainable Development Goals, in particular Sustainable Development Goals 14 and 15.”*



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

www.theGEF.org

Examples of BD projects

Centra and West Africa

| | | | | | | | | |
|---------------|------|------------|---|--|---------|-----|---------------------|--|
| Benin | 4075 | World Bank | B | SPWA-BD: Support to Protected Areas Management | GEF - 4 | FP | Under Implmentation | |
| Cote D'Ivoire | 3533 | World Bank | B | Protected Area Project (Projet d'Appui a la Relance de la Conservation des Parcs et Reserves, PARC-CI) | GEF - 4 | FP | Under Implmentation | |
| Ghana | 3836 | World Bank | B | SPWA-BD: Management of Riparian Biological Corridors | GEF - 4 | MSP | Under Implmentation | |
| Guinea | 1273 | World Bank | B | Coastal Marine and Biodiversity Management | GEF - 3 | FP | IA Approved | |
| Liberia | 5712 | CI | B | Improve Sustainability of Mangrove Forests and Coastal Mangrove Areas in Liberia through Protection, Planning and Livelihood Creation- as a Building Block Towards Liberia’s Marine and Costal Protected Areas | GEF - 5 | MSP | Project Closure | |
| Nigeria | 4090 | UNDP | B | SPWA-BD: Niger Delta Biodiversity Project | GEF - 4 | FP | Project Closure | |
| Sierra Leone | 2948 | World Bank | B | Biodiversity Conservation Project | GEF - 3 | FP | IA Approved | |
| Togo | 4026 | UNDP | B | SPWA-BD: Strengthening the Conservation Role of Togo's National System of Protected Areas (PA) | GEF - 4 | FP | Project Closure | |

Land Degradation Focal Area

Goals:

- Alignment with UNCCD LDN Agenda
- Integration with Impact Programs
- Harness private capital and to finance investments in SLM



GEF-7 Land Degradation Focal Area programming

- Total allocation of \$475 million (10% increase compared to GEF-6)
- Programmed through STAR and Impact Programs
- Five programming (sub)objectives:
- LD 1. Support **on the ground implementation** of Land Degradation Neutrality (LDN)
 - LD-1-1: Agriculture and Rangeland Systems (SLM)
 - LD-1-2: Sustainable Forest Management (SFM)
 - LD-1-3: Forest Landscape Restoration (FLR)
 - LD-1-4: Integrated landscapes & resilience (INRM)
- LD 2. Creating an **enabling environment** to support LDN implementation globally, including UNCCD EAs
- LD set-asides (outside STAR): Supporting regional themes/programs and UNCCD Enabling Activities



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

Examples of LD Projects

Centra and West Africa

| | | | | | | | | |
|---------------|------|------------|---|---|---------|-----|---------------------|--|
| Cote D'Ivoire | 5788 | UNEP | L | Assessment of Land Degradation Dynamic in Coffee -Cocoa Production and Northern Ivory Coast to Promote SLM Practices and Carbon Stock Conservation ALDD SLM CSC | GEF - 5 | MSP | CEO Approved | |
| Ghana | 3369 | World Bank | L | SIP: Sustainable Land Management in Ghana | GEF - 4 | FP | Under Implmentation | |
| Guinea | 1877 | World Bank | L | Community-based Land Management | GEF - 3 | FP | Project Closure | |
| Nigeria | 3384 | World Bank | L | SIP: Scaling up SLM Practice, Knowledge, and Coordination in Key Nigerian States | GEF - 4 | FP | Project Completion | |
| Sierra Leone | 3510 | UNDP | L | LDC/SIDS Portfolio Project: Capacity Building for Sustainable Land Management in Sierra Leone | GEF - 3 | MSP | Under Implmentation | |

Climate Change Focal Area

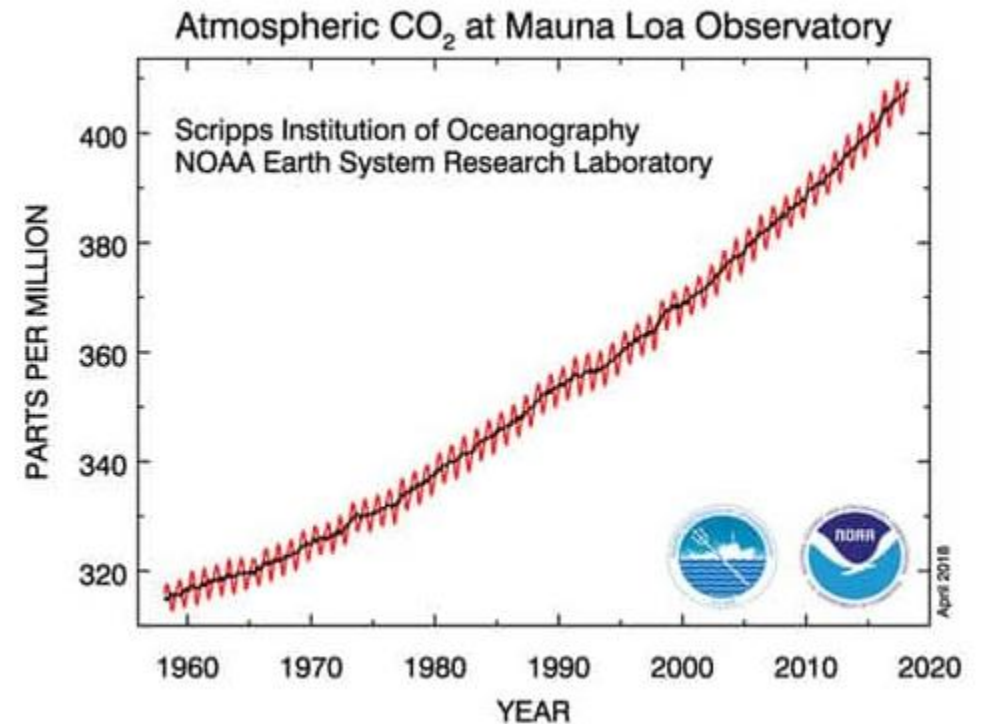
The Global Context

2016 - Paris Agreement entered into force

2018 - at COP24 in December, Parties agreed on a set of rules to operationalize the Paris Agreement and periodically revise their NDCs

2019 - intermediate step before NDCs are updated in 2020

2023 - first assessment of where we stand with respect to the Paris Agreement goals (Global Stocktaking)



GEF-7 Climate Change Focal Area Strategy

The GEF-7 Climate Change Focal Area Strategy aims to support developing countries to make transformational shifts towards low emission and climate-resilient development pathways.

Three objectives:

1. Promote innovation and technology transfer for sustainable energy breakthroughs
2. Demonstrate mitigation options with systemic impacts (through IP).
3. Foster enabling conditions for mainstreaming mitigation concerns into sustainable development strategies



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET



Objective 1: Promote innovation, technology transfer for sustainable energy breakthroughs

1: Decentralized renewable power with energy storage

- Energy storage
- Renewable energy-based decentralized systems (mini-grids)
- New business models

2: Electric drive technologies and electric mobility

- Electric mobility
- Regulatory frameworks that support electric mobility
- Integration of electric vehicles into the grid
- Planning for market changes

3: Accelerating energy efficiency adoption

- Buildings and energy efficiency retrofits in multi-family dwellings
- District heating and cooling
- Energy management for industry, equipment and appliances

4: Cleantech innovation

- Foster technology deployment, dissemination and transfer through entrepreneurship
- Develop SME and private sector partnerships
- Fostering local innovations and training entrepreneurs



Objective 2: Demonstrate mitigation options with systemic impacts



1. Sustainable Cities Impact Program

Targeting urban interventions with significant CCM potential to help cities shift towards low-emission urban development

- Low carbon technologies
- Renewable energy
- Solid waste and wastewater management

2. Food System, Land Use, and Restoration (FOLUR) Impact Program

- Climate smart agriculture
- Sustainable land management
- Sustainable supply chain for key agricultural commodities

will reduce GHGs

3. Sustainable Forest Management Impact Program



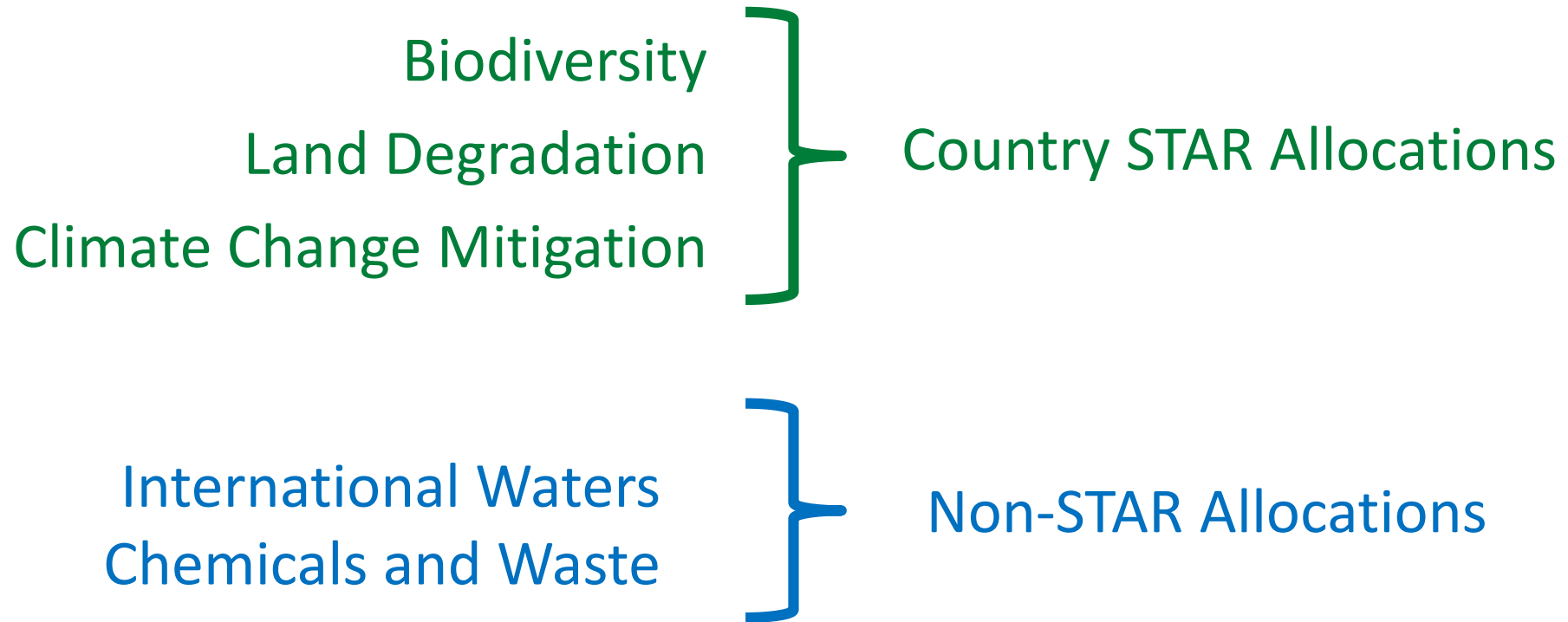
Objective 3: Foster enabling conditions for mainstreaming mitigation concerns into sustainable development strategies



- Capacity-building Initiative for Transparency (CBIT)
 - To strengthen national institutions for transparency-related activities
- Support in the preparation of NDCs
 - Countries can use their STAR allocation for this
- National Communications (NCs) and Biennial Update Reports (BURs)
 - Up to \$500,000 and \$352,000 respectively (from GEF Global Set-aside for Enabling Activities)

| Examples of CCM and CCA projects Centra and West Africa | | | | | | | | |
|--|------|------------|---|---|---------|-----|---------------------|------|
| Benin | 5431 | UNDP | C | Strengthening the Resilience of the Energy Sector in Benin to the Impacts of Climate Change | GEF - 5 | FP | CEO Endorsed | LDCF |
| Cote D'Ivoire | 3876 | UNEP | C | SPWA-CC: Promotion of Energy Efficiency Lighting in Public, Commercial and Residential Buildings | GEF - 4 | MSP | Under Implmentation | |
| Ghana | 3881 | UNDP | C | SPWA-CC: Promoting of Appliance Energy Efficiency and Transformation of the Refrigerating Appliances Market in Ghana. | GEF - 4 | FP | Project Completion | |
| Guinea | 3703 | UNDP | C | Increased Resilience and Adaptation to Adverse Impacts of Climate Change in Guinea's Vulnerable Coastal Zones | GEF - 4 | FP | Under Implmentation | LDCF |
| Liberia | 4950 | UNDP | C | Strengthening Liberia’s Capability to Provide Climate Information and Services to Enhance Climate Resilient Development and Adaptation to Climate Change | GEF - 5 | FP | CEO Endorsed | LDCF |
| Nigeria | 3827 | World Bank | C | SPWA-CC: Nigeria Urban Transport | GEF - 4 | FP | Under Implmentation | |
| Sierra Leone | 4599 | UNDP | C | Building Adaptive Capacity to Catalyze Active Public and Private Sector Participation to Manage the Exposure and Sensitivity of Water Supply Services to Climate Change in Sierra Leone | GEF - 5 | FP | CEO Endorsed | LDCF |
| Togo | 9393 | BOAD | C | Hybridization of Diesel Engines of Multifunctional Platforms with Solar Systems | GEF - 6 | FP | CEO Endorsed | |

Focal Areas



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

Chemicals and Waste Focal Area

- Stockholm Convention on Persistent Organic Pollutants (**POPs**)
- Minamata Convention on **Mercury**
- Montreal Protocol on Substances that Deplete the **Ozone** Layer
- Strategic Approach to **International Chemicals** Management

100,000 metric tons - reduction disposal/destruction, phase out, elimination and avoidance of chemicals of global concern

1,300 gTEQ - reduction, avoidance of emissions of POPs to air from point and non-point sources.



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

Chemicals and Waste Focal Area



☐ Industrial Chemicals

- ✓ Chemicals and Waste at the end of life;
- ✓ Chemicals that are used or emitted from or in processes and products; and
- ✓ Management of the waste, or waste containing these chemicals

☐ Agricultural Chemicals

- ✓ POPs under the Stockholm Convention, agricultural chemicals containing mercury
- ✓ Endosulphan, Lindane and HHPs
- ✓ Obsolete POPs and mercury;

☐ SIDS/LDCs program - Least Developed Countries and Small Island Developing States

☐ Enabling Activities

Chemicals & Waste focal area Programs – Examples

❑ *Global Opportunities for Long-term Development of ASGM Sector - GEF GOLD*

- ✓ GEF TF: \$45.2 million, Total cost: \$180 million
- ✓ IAs: UNEP, UNDP, UNIDO and CI, in cooperation with partners from industry, governments and civil society
- ✓ Supporting the development of the artisanal and small-scale gold mining (ASGM) sector into a mature and profitable segment of the gold mining industry, while reducing its mercury use and other environmental and social impacts
- ✓ The program will develop and connect responsible ASGM producers to international markets through transparent supply chains

❑ *Enabling Activities to date**

| Countries | NIPs | | MIA | | NAP/ASGM | |
|---------------|---------|-------------|---------|-----------|----------|-----------|
| | Ongoing | Transmitted | Ongoing | Completed | Ongoing | completed |
| Benin | | ✓ | ✓ | | | |
| Cote d'Ivoire | | ✓ | | ✓ | | |
| Ghana | | ✓ | ✓ | ✓ | ✓ | |
| Guinea | | ✓ | | ✓ | | |
| Liberia | | ✓ | | | | |
| Nigeria | | ✓ | | ✓ | ✓ | |
| Sierra Leone | | ✓ | ✓ | | ✓ | |
| Togo | | ✓ | ✓ | | ✓ | |

NIP: National Implementation Plan for Stockholm Convention (POPs)

MIA: Minamata Initial Assessment (Mercury)

NAP/ASGM: National Action Plan for Artisanal and Small-scale Gold Mining (ASGM)

Source: GEF Reports to Minamata COP2 and Stockholm COP9, GEF Portal and Websites of Stockholm and Minamata Conventions

Examples of Chemicals & Waste Projects

Central and West Africa

| | | | | | | | |
|---------------|------|------------|---|---|---------|----|---------------------|
| Benin | 4756 | FAO | P | Disposal of POPs and Obsolete Pesticides and Strengthening Life-cycle Management of Pesticides | GEF - 5 | FP | IA Approved |
| Nigeria | 3804 | UNDP | P | Less Burnt for a Clean Earth: Minimization of Dioxin Emission from Open Burning Sources | GEF - 4 | FP | Under Implmentation |
| Ghana | 2785 | UNDP | P | Capacity Building for PCB Elimination | GEF - 4 | FP | Project Completion |
| Cote D'Ivoire | 5362 | World Bank | P | Obsolete Pesticides Management Project | GEF - 5 | FP | IA Approved |
| Nigeria | 9236 | UNDP | W | Environmentally Sound Management and Disposal of PCBs | GEF - 6 | FP | CEO Endorsed |
| Cote D'Ivoire | 9263 | UNIDO | W | Sound Management of Unintentional Persistent Organic Pollutants (POPs) and Polychlorinated Biphenyl Ether (PBDEs) to Reduce their Emission from the Industrial Waste Sector | GEF - 6 | FP | Council Approved |

NEW Chemicals & Waste Projects Central and West Africa

Nigeria : Environmentally sound management and disposal of PCB
GEF: US \$ 6,930,000; Co-financing: US \$: 42,074,126 – UNDP

Benin : Disposal of POPs and obsolete pesticides and strengthening management of pesticides GEF: US \$ 1,830,000: Co-financing: US \$10,580,625 - FAO

Cote d'Ivoire: Sound management of Unintentional POPS and Polychlorinated Biphenyl Ether (PBDE) to reduce their emission from the industrial waste sector
GEF US\$: 4,475,000; co-financing: US \$: 26,625,000 - UNIDO

International Waters Focal Area

Transboundary (multi-national) water governance

I. Strengthen **Blue Economy** opportunities

II. Improve governance in the **Areas Beyond National Jurisdiction (ABNJ)**

III. Enhance water security in **freshwater ecosystems**



GLOBAL ENVIRONMENT F
INVESTING IN OUR PL



I. Coastal Ecosystems

Strengthening blue economy opportunities by addressing major threats facing coastal ecosystems:

- **Habitat** degradation
- Sustainable **fisheries**
- **Pollution** from land-based sources



GLOBAL ENVIRONMENT F
INVESTING IN OUR PL



II. Areas Beyond National Jurisdiction (ABNJ)

Improving governance in the high seas

- Illegal, under-reported and unregulated **(IUU) fisheries**
- Strengthening capacity of Regional Fisheries Management Organizations **(RFMOs)**
- Port State Measures Agreement implementation **(PSMA)**



GLOBAL ENVIRONMENT FUND
INVESTING IN OUR PLANET

III. Freshwater Ecosystems

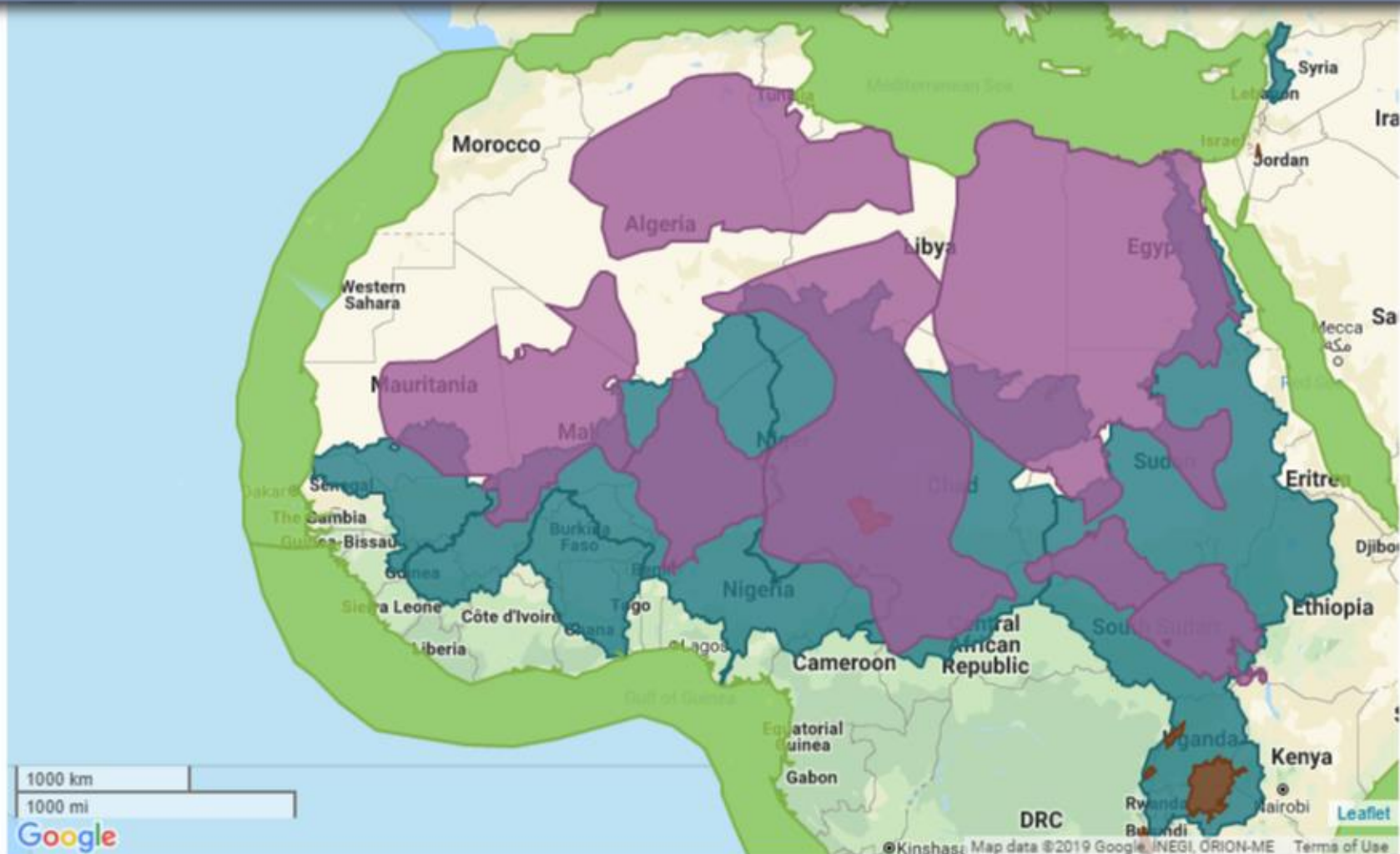
Enhancing water security of shared rivers, lakes, groundwater and delta systems with emphasis on the water, food, energy and environment nexus

- **Cooperation** on shared freshwater resources
- Early exchange of **information** and early warning
- Improved **governance** and cooperation in surface and groundwater basins
- **Safety** of water, food, energy and the environment.



GLOBAL ENVIRONMENT F
INVESTING IN OUR PL





☐ Satellite

☐ Grayscale

IW LAYERS

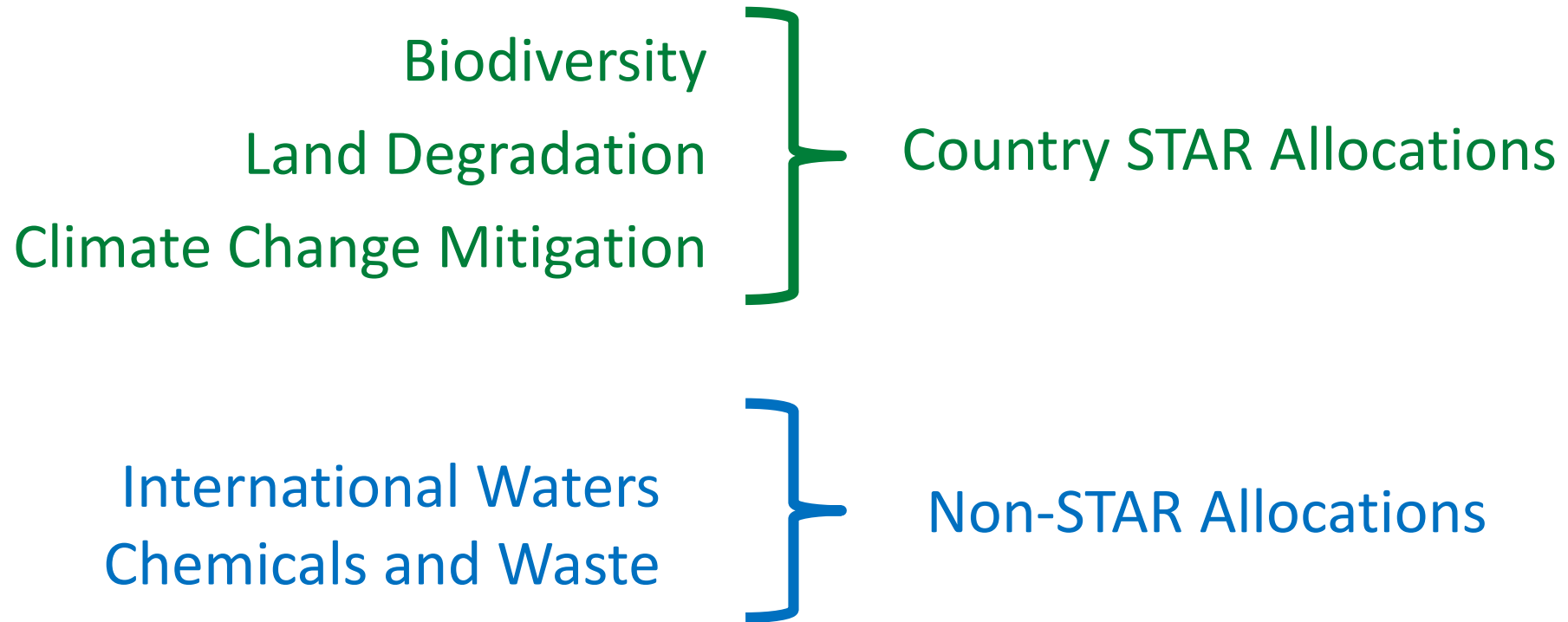
- ☒ LMEs
- ☒ Aquifers
- ☒ Lakes
- ☒ Oceans
- ☒ River Basins

☒ With projects only

Discover spatial datasets at:
geonode.iwlearn.org

GeoNode is a hosting platform for spatial data. It enhances access to information on project activities and spatial data from the GEF International Waters portfolio.

Focal Areas



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

Focal Areas - *integrated approaches*

Biodiversity

Land Degradation

Climate Change Mitigation

International Waters

Chemicals and Waste



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

| Core Indicators | GEF-7 Targets |
|---|---------------|
| ➔ Terrestrial protected areas created or under improved management for conservation and sustainable use (million hectares) | 200 |
| Marine protected areas created or under improved management for conservation and sustainable use (million hectares) | 8 |
| ➔ Area of land restored (million hectares) | 6 |
| Area of landscapes under improved practices (million hectares; excluding protected areas) | 320 |
| Area of marine habitat under improved practices to benefit biodiversity (million hectares; excluding PAs) | 28 |
| Greenhouse Gas Emissions Mitigated (million metric tons of CO ₂ e) | 1500 |
| ➔ Number of shared water ecosystems (fresh or marine) under new or improved cooperative management | 32 |
| Globally over-exploited marine fisheries moved to more sustainable levels (thousand metric tons) | 3500 |
| ➔ Reduction, disposal/destruction, phase out, elimination and avoidance of chemicals of global concern and their waste in the environment and in processes, materials and products (thousand metric tons of toxic chemicals reduced) | 100 |
| Reduction, avoidance of emissions of POPS to air from point and non-point sources (grams of toxic equivalent gTEQ) | 1300 |
| Number of direct beneficiaries disaggregated by gender as co-benefit of GEF investment | |

Examples or Integrated Projects in Central and West Africa

| | | | | | | | |
|---------------|------|------------|---|--|---------|-----|---------------------|
| Benin | 9383 | AfDB | M | Sustainable Forest Management and Conservation Project in Central and South Benin | GEF - 6 | FP | Council Approved |
| Cote D'Ivoire | 9366 | UNEP | M | Sustainability and Scaling Up Approaches for Transformational Management, Restoration and Conservation of Forests Landscapes and Biodiversity in Cote d'Ivoire (SSATMARC –FOLAB) | GEF - 6 | FP | Council Approved |
| Ghana | 9340 | World Bank | M | Food-IAP: Sustainable Land and Water Management Project, Second Additional Financing | GEF - 6 | FP | IA Approved |
| Liberia | 9390 | UNDP | M | Strengthening National Capacities to Meet Global Environmental Obligations with the Framework of Sustainable Development Priorities | GEF - 6 | MSP | CEO Approved |
| Nigeria | 4907 | World Bank | M | GGW: Nigeria Erosion and Watershed Management Project (NEWMAP) | GEF - 5 | FP | Under Implmentation |
| Sierra Leone | 9903 | UNDP | M | Sustainable and Integrated landscape management of the Western Area Peninsula | GEF - 6 | FP | Council Approved |
| Togo | 4709 | World Bank | M | GGW: Integrated Disaster and Land Management (IDLM) Project | GEF - 5 | FP | Under Implmentation |

Impact Programs

Sustainable Cities



Sustainable Forest Management

Amazon
Forest
(WB)

Congo Basin
Forest
(UNEP)

Dryland
Forests
(FAO)

Food Systems, Land Use and Restoration (FOLUR)



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

GEF-7 Review Criteria for All Projects

1. Results and global environmental benefit (GEB) delivery
2. Relevance to Impact Program (if appropriate)
3. Replicability / scalability of projects
4. Co-financing and leveraged investment
5. Private sector engagement



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

Thank you!

Jaime Cavelier, Sr. Biodiversity Specialist, Global Programming Unit (GPU), GEF
jcavelier@thegef.org