



GLOBAL ENVIRONMENT FACILITY
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GEF-6 Strategic Programing and Case Studies

**GEF Expanded Constituency
Workshop**

**Cotonou, Benin
November 3-5, 2015**

Integrated Thinking

- Drivers of environmental degradation are linked in complex ways
- Single issue analysis leads to “silo” thinking
- Systems analysis leads to integrated thinking
- Integrated thinking inspires creative and inclusive solutions
- Creative and inclusive solutions deliver environmental benefits aligned with GEF focal area objectives
- Examples: Water, Food & Energy Nexus; Urban Environments; Integrated Approach Pilots



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Availability of
Food

Cost of Power
& Fuel

Cost of Water

Human Health

Biodiversity impacts

Food prices

Natural Disasters

Water, Food, Energy Nexus

Availability, distribution, access and sustainability of Water Food, energy and their resilience in the face of climate change.

9. Managing the Human-
interface:
landscape/seascape
approach

4. Water/Food/Energy/
Ecosystem Security
Nexus

SFM 1: To
maintain forest
resources

LD 3: Integrated
Landscapes

Objective 1: Promote
innovation &
technology transfer

Bio-diversity

Pollution and
Climate
Change

Waste &
Water

Buildings

Transport

Industry &
Jobs

Land-Use Planning

Urban Environments

Urban environments are complex systems that touch our lives and the environment across all focal areas. Use integrated thinking for creative solutions.



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INVESTMENT

6. Prevent the Loss
and Degradation of
Coastal Habitat

Climate resilient
urban systems

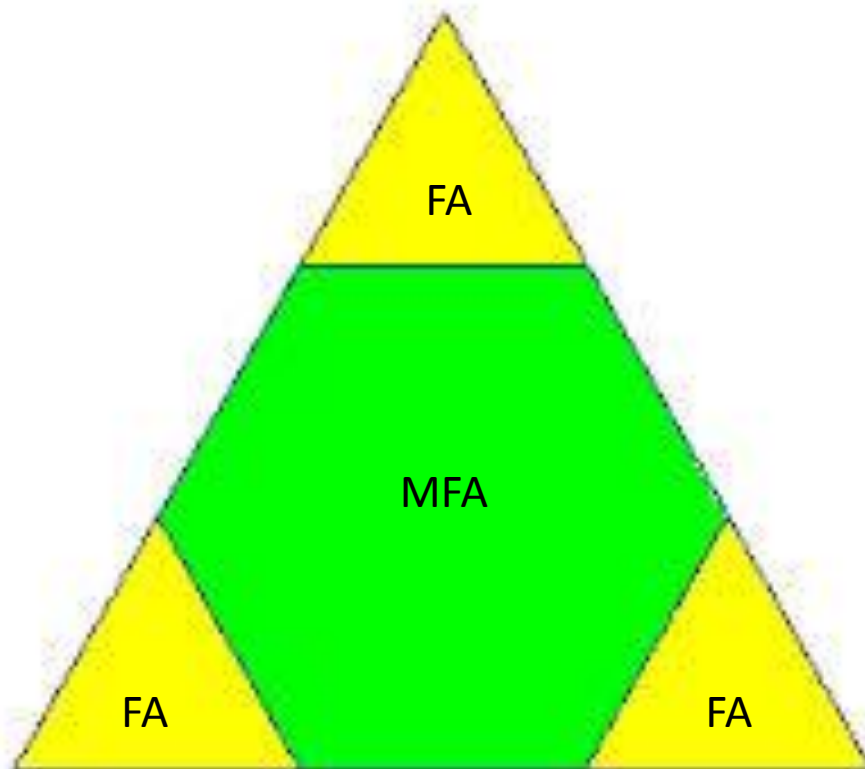
5. Mainstreaming
SLM in
Development

Program 3:
Integrated low-
carbon urban
systems

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Focal Area Objectives

- Using integrated thinking, propose creative and inclusive solutions
- Solutions should deliver results that align with GEF-6 focal area objectives
- Single FA projects might still be necessary in specific contexts
- MFA projects on the rise



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PROGRAM 4: Reduction of anthropogenic emissions and releases of mercury to the environment

PROGRAM 2: Develop and demonstrate innovative policy packages and market initiatives to foster a new range of mitigation actions and mitigation options

PROGRAM 5: Integrate findings of Convention obligations and enabling activities into national planning processes and mitigation targets

PROGRAM 3: Promote integrated low-emission urban systems

Increase in Phase-out, disposal and reduction of releases of POPs, ODS, mercury and other chemicals of global concern

Phase out of 101.84 tons of HAPs (HCB, aldrin, dieldrin)

Support to transformational shifts towards a low-emission and resilient development path.

110 million tons of CO₂ equivalent mitigated

Enhance capacity of countries to implement MEAs (multilateral environmental agreements) and mainstream (MEAs) into national and sub-national policy, planning financial and legal frameworks.

STAKEHOLDERS

IMPLEMENTING AGENCIES

UNEP

United Nations Environment
Programme

ACADEMIA

UNDP

United Nations Development Programme



PRIVATE SECTOR

STAKEHOLDERS

NATIONAL CIVIL
SOCIETY AND NGOS

STAKEHOLDERS

OTHERS

STAKEHOLDERS

PROJECT EXECUTING AGENCIES

PREPARATION ACTIVITIES

ENVIRONMENTAL AND SOCIAL ANALYSIS

PREPARATION ACTIVITIES

PREPARATION ACTIVITIES

PREPARATION ACTIVITIES

RISK ANALYSIS

PREPARATION ACTIVITIES

CSO CONSULTATIONS

PREPARATION ACTIVITIES

DESIGN OF M&E ACTIVITIES

ION ACTIVITIES

EDGE MENT

GEF-6 BD Strategy

Goal: To maintain globally significant biodiversity and the ecosystem goods and services that it provides to society

BD1: Improve Sustainability of Protected Area System

1. Improving financial sustainability and effective management of national ecological infrastructure

2. Expanding the reach of the global protected area estate.

BD 2: Reduce threats to Globally Significant Biodiversity

3. Preventing extinction of known threatened species

4. Prevention, control, and mgmt of Invasive Alien Species.

5. Implementing the Cartagena Protocol of Biosafety

BD 3: Sustainable Use of Biodiversity

6. Ridge to Reef: Maintaining integrity and function of globally significant coral reefs

7. Securing Agriculture's Future: Sustainable use of plants and animals genetic resources.

8. Implementing the Nagoya Protocol on Access and Benefit Sharing.

BD4: Mainstreaming Biodiversity Conservation and Sustainable Use in Production Landscapes/ Seascapes and Sectors

9. Managing the Human- interface: landscape/seascape approach

10. Integration of biodiversity and ecosystem services in development and financial planning

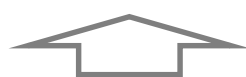
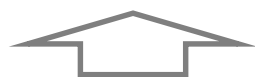
GEF-6 CCM Strategy

Goal: To support developing countries to make transformational shifts towards low emission, resilient development path

Objective 1: Promote innovation & technology transfer

Objective 2: Demonstrate systemic impacts of mitigation options

Objective 3: Foster enabling conditions to mainstream mitigation concerns into SD strategies



1. Low carbon technologies and mitigation options

3. Integrated low-carbon, urban systems

5. Convention obligations for planning and mitigation contributions

2. Innovative policy packages and market initiatives

4. Forests and other land use, and climate smart agriculture

GEF-6 LD Strategy

Goal: To arrest or reverse land degradation (desertification and deforestation)

LD 1: Agriculture and Rangeland Systems

LD 2: Forest Landscapes

LD 3: Integrated Landscapes

LD 4: Institutional and Policy Frameworks

1. Agro-ecological Intensification – efficient use of natural capital (land, soil, water, and vegetation) in crop and livestock production systems

2. SLM in Climate-Smart Agriculture – innovative practices for increasing vegetative cover and soil organic carbon

3. Landscape Management and Restoration – community and livelihood-based options for increasing forest and tree cover

4. Scaling-up SLM – moving appropriate interventions to scale for crop and rangeland productivity

5. Mainstreaming SLM in Development – influencing institutions, policies, and governance frameworks for SLM

Sustainable Forest Management GEF-6 Strategy

Goal: To achieve multiple environmental, social and economic benefits from improved management of all types of forests and trees outside of forests.

SFM 1: To maintain forest resources

SFM 2: To enhance forest management

SFM 3: To restore forest ecosystems

SFM 4: To increase regional and global cooperation

- Integrated land use planning
- Identification and monitoring of HC VF
- Identifying and monitoring forest loss
- Developing and implementing model projects for PES
- Capacity development for SFM within local communities
- Supporting sustainable finance mechanisms for SFM
- Building of technical and institutional capacities to identify degraded forest landscapes and monitor forest restoration
- Integrating plantation management in landscape restoration
- Private sector engagement
- Global technologies for national progress



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GEF-6 IW Strategy

Goal: To promote collective management of transboundary water systems and implementation of the full range of policy, legal and institutional reforms and investments contributing to sustainable use and maintenance of ecosystem services

Objective 1: Catalyze Sustainable Management of Transboundary Waters

Objective 2: Balance Competing Water-uses in the Management of Transboundary Surface and Groundwater

Objective 3: Rebuild Marine Fisheries, Restore and Protect Coastal Habitats, and Reduce Pollution of Coasts and LMEs

1. Foster Cooperation for Sustainable use of Trans-boundary Water Systems & Economic Growth

3. Advance Conjunctive Management of Surface & Groundwater systems

5. Reduce Ocean Hypoxia

2. Increase Resilience & Flow of Ecosystems Services in Context of Melting High Altitude Glaciers

4. Water/Food/Energy/ Ecosystem Security Nexus

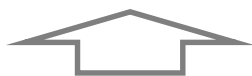
6. Prevent the Loss and Degradation of Coastal Habitat

7. Foster Sustainable Fisheries

GEF-6 C&W Strategy

Goal: to prevent the exposure of human and the environment to harmful C&W of global importance, including POPs, mercury and ODS, through a significant reduction in the production, use, consumption and emissions/releases of those chemicals and waste

Objective 1: Develop the enabling conditions, tools and environment for the sound management of harmful chemicals and wastes



1. Develop and demonstrate new tools and economic approaches for managing harmful chemicals and waste in a sound manner

2. Support enabling activities and promote their integration into national budgets and planning processes, national and sector policies and actions and global monitoring

Objective 2: Reduce the prevalence of harmful chemicals and waste and support the implementation of clean alternative technologies/substances



3. Reduction and elimination of POPs

4. Reduction or elimination of anthropogenic emissions and releases of mercury to the environment

5. Complete the phase out of ODS in CEITs and assist Article 5 countries under the Montreal Protocol to achieve climate mitigation benefits

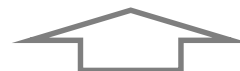
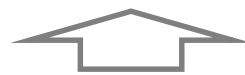
6. Support regional approaches to eliminate and reduce harmful chemicals and waste in LDCs and SIDs



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GEF-6: Adaptation Programming Strategy

Aims to “increase resilience to the adverse impacts of climate change in vulnerable developing countries, through both near- and long-term adaptation measures in affected sectors, areas and communities”



Thematic Priorities for Adaptation

- Agriculture and food security
- Water resources management
- Coastal zone management
- Infrastructure
- Disaster risk management
- Natural resources management
- Health
- Climate information services
- Climate-resilient urban systems
- Small Island Developing States



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