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# GEF Support to Climate Change

Congo Basin Forest Partnership (CBFP) Meeting

Rawlestone Moore  
Senior Climate Change Specialist  
Global Environment Facility  
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# Climate Change Mitigation 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

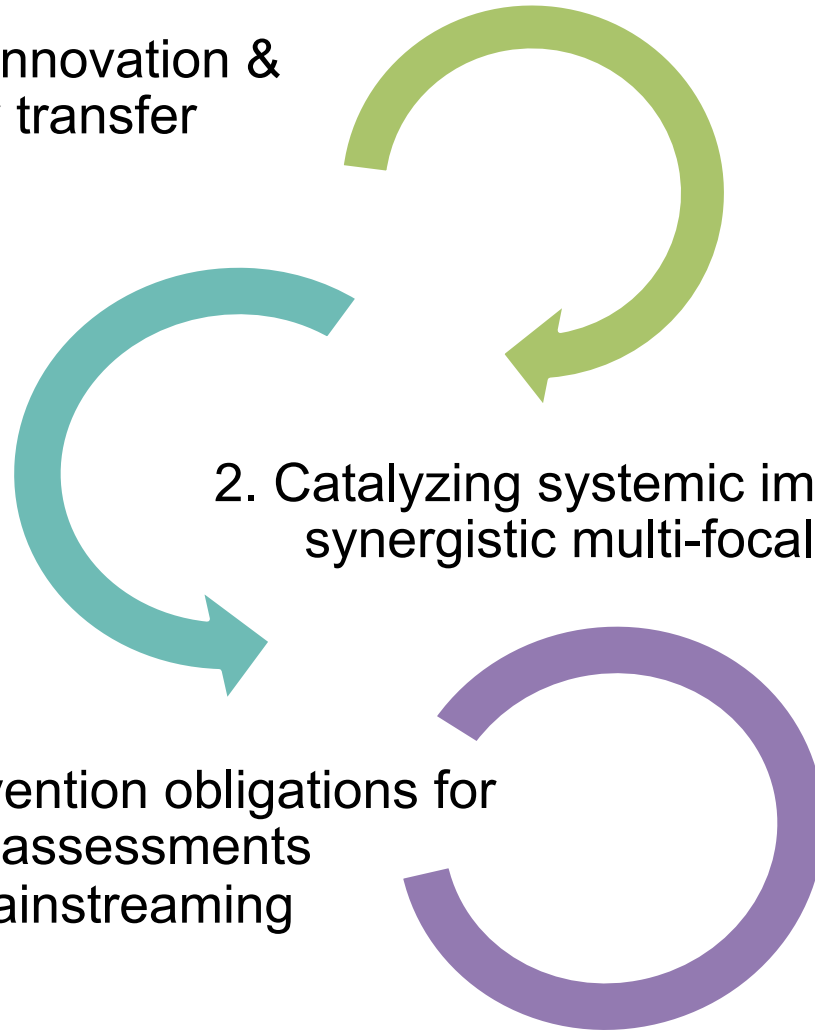
# GEF's Unique Value for Climate Financing

1. Facilitating innovation & technology transfer

Assisting developing countries in defining and implementing mitigation measures towards 2015 agreement

2. Catalyzing systemic impacts through synergistic multi-focal initiatives

3. Building on Convention obligations for reporting & assessments towards mainstreaming



# Climate Change Adaptation Strategy

**Least Developed Countries Fund (LDCF) and  
Special Climate Change Fund (SCCF)**

## 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

# 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” (GEF/LDCF.SCCF.16/03)

- 
- 1) Reduce the vulnerability of people, livelihoods, physical assets and natural systems
  - 2) Strengthen institutional and technical capacities
  - 3) Integrate climate change adaptation into relevant policies, plans and associated processes

# Sustainable Forest Management 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 HCVF
  - 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

# How the SFM incentive mechanism works





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# Integrated Approach Pilots







1. Taking Deforestation out of Commodities Supply Chains
2. Food Security in Sub-Saharan Africa
3. Sustainable Cities



# Communicating the Opportunity





## Stakeholder Engagement

## Country Consultation



# Integrated Approach Pilot 1

## Taking Deforestation out of Commodity Supply Chains

Linking long-term national sustainable development policies and programs with day-to-day value chain management approaches

Market-based approach

Enhance understanding among decision makers

Strengthen enabling environment



Enhance investment in sustainable commodities

Support uptake of best production practice

Whole value-chain engagement





# Adaptive Management and Learning: Strengthen global capacity and the integrated nature of the program

**Support to Production:** enable supply through ways and in locations that conserves forest and reduces deforestation in targeted landscapes

**Enabling Transactions:** pilot financial and risk management instruments that extend financing to reduced-deforestation commodity production and reduce financing for unsustainable practices

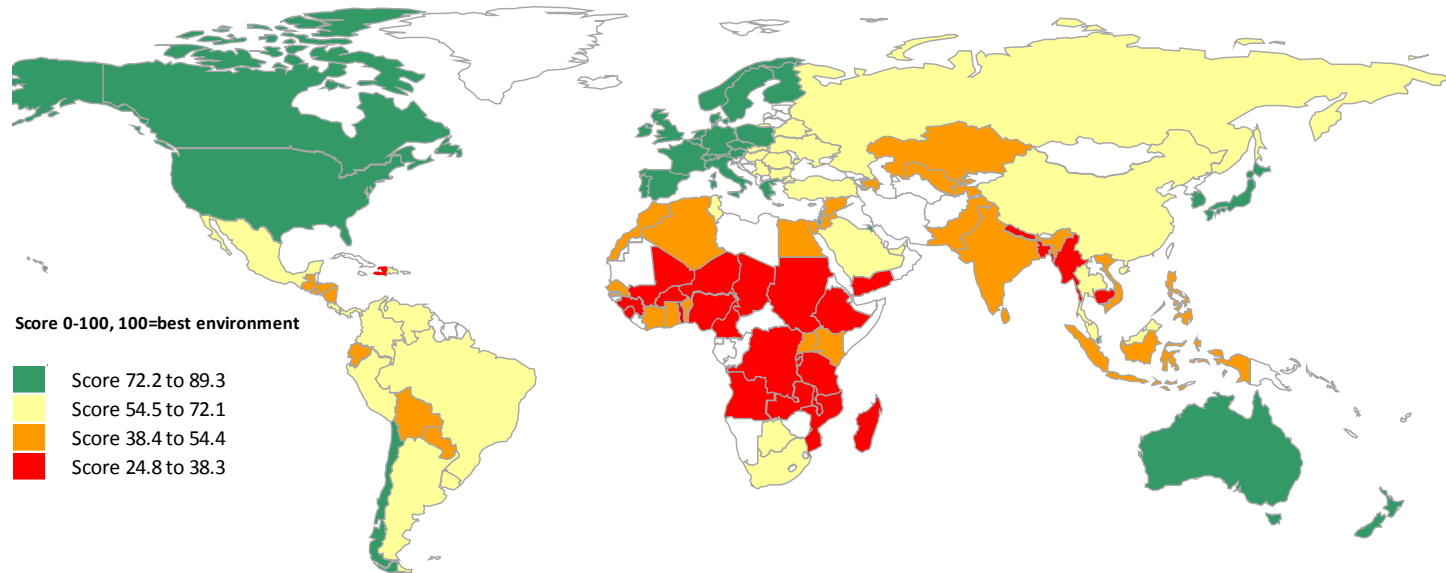
**Generating Responsible Demand:** strengthen the enabling environment and public and private sector demand for reduced deforestation commodities in priority markets



# Integrated Approach Pilot 2

## Food Security in Sub-Saharan Africa

### OVERALL SCORE



EIU Global Food Security Index - 2014

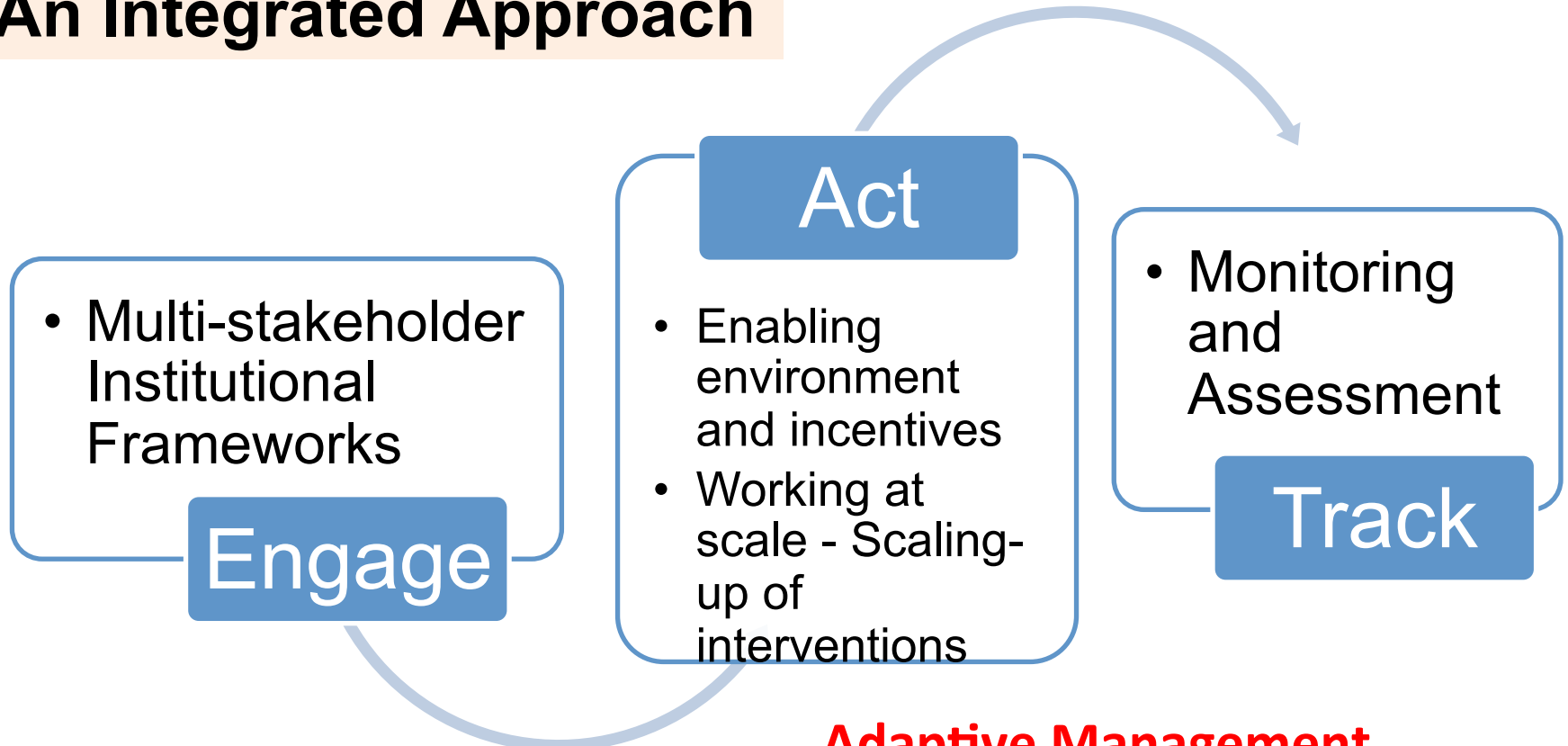
## Potential for Transformational Impact

Opportunity for integration of Ecosystem Services → sustainability and resilience



# Fostering Sustainability and Resilience

## An Integrated Approach



**Adaptive Management  
and Learning**





# Fostering Sustainability and Resilience for Food Security in Sub-Saharan Africa

## Burkina Faso

**GEF Agency: IFAD**

GEF Financing: \$7.26M

Co-Financing: \$39.5M

## Burundi

**GEF Agencies: IFAD+FAO**

GEF Financing: \$7.39M

Co-Financing: \$46.7M

## Ethiopia

**GEF Agency: UNDP**

GEF Financing: \$10.23M

Co-Financing: \$112.7M

## Ghana

**GEF Agency: World Bank**

GEF Financing: \$12.76M

Co-Financing: \$22.0M

## Kenya

**GEF Agencies: IFAD+UNEP**

GEF Financing: \$7.20M

Co-Financing: \$65.2M

## Malawi

**GEF Agencies: IFAD+FAO**

GEF Financing: \$7.15M

Co-Financing: \$47.0M

## Niger

**GEF Agency: IFAD**

GEF financing: \$7.63M

Co-Financing: \$60.32M

## Nigeria

**GEF Agency: UNDP**

GEF Financing: \$7.13M

Co-Financing: \$51.0M

## Senegal

**GEF Agencies: IFAD+UNIDO**

GEF Financing: \$7.21M

Co-financing: 27.85M

## Swaziland

**GEF Agency: IFAD**

GEF Financing: \$7.21M

Co-Financing: \$48.0M

## Tanzania

**GEF Agency: IFAD**

GEF Financing: \$7.15M

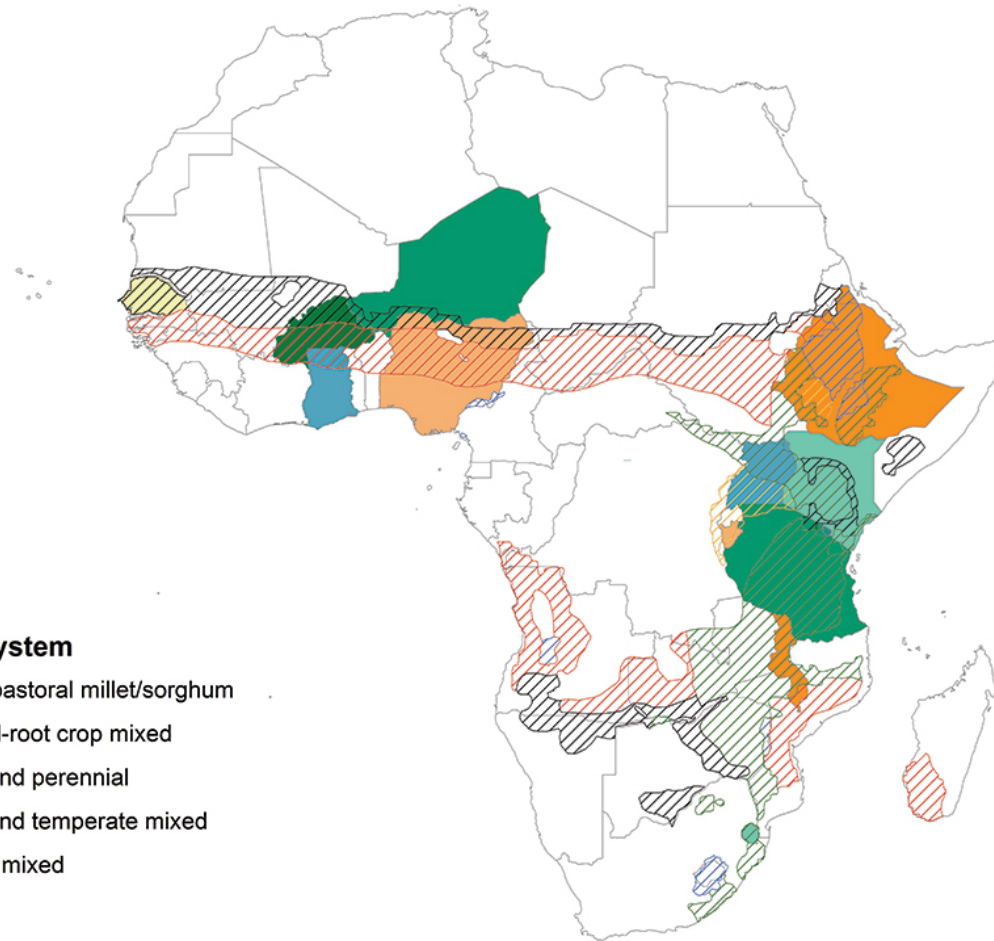
Co-Financing: \$42.9M

## Uganda





**GEF Agencies: UNDP+FAO**

GEF Financing: \$7.13M

Co-Financing: \$48.0M



### Farming System

-  Agro-pastoral millet/sorghum
-  Cereal-root crop mixed
-  Highland perennial
-  Highland temperate mixed
-  Maize mixed



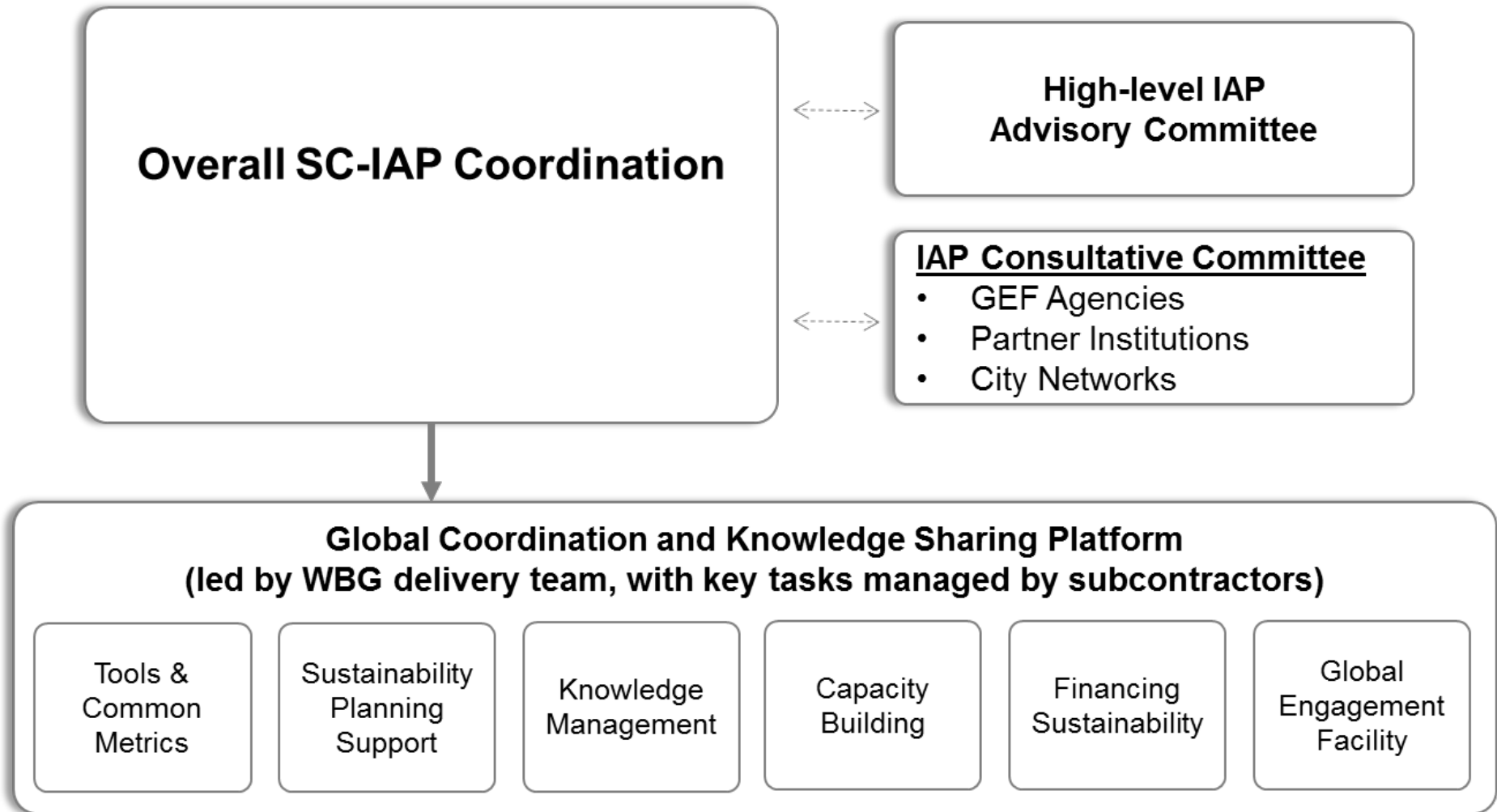
# Integrated Approach Pilot 3

## Sustainable Cities

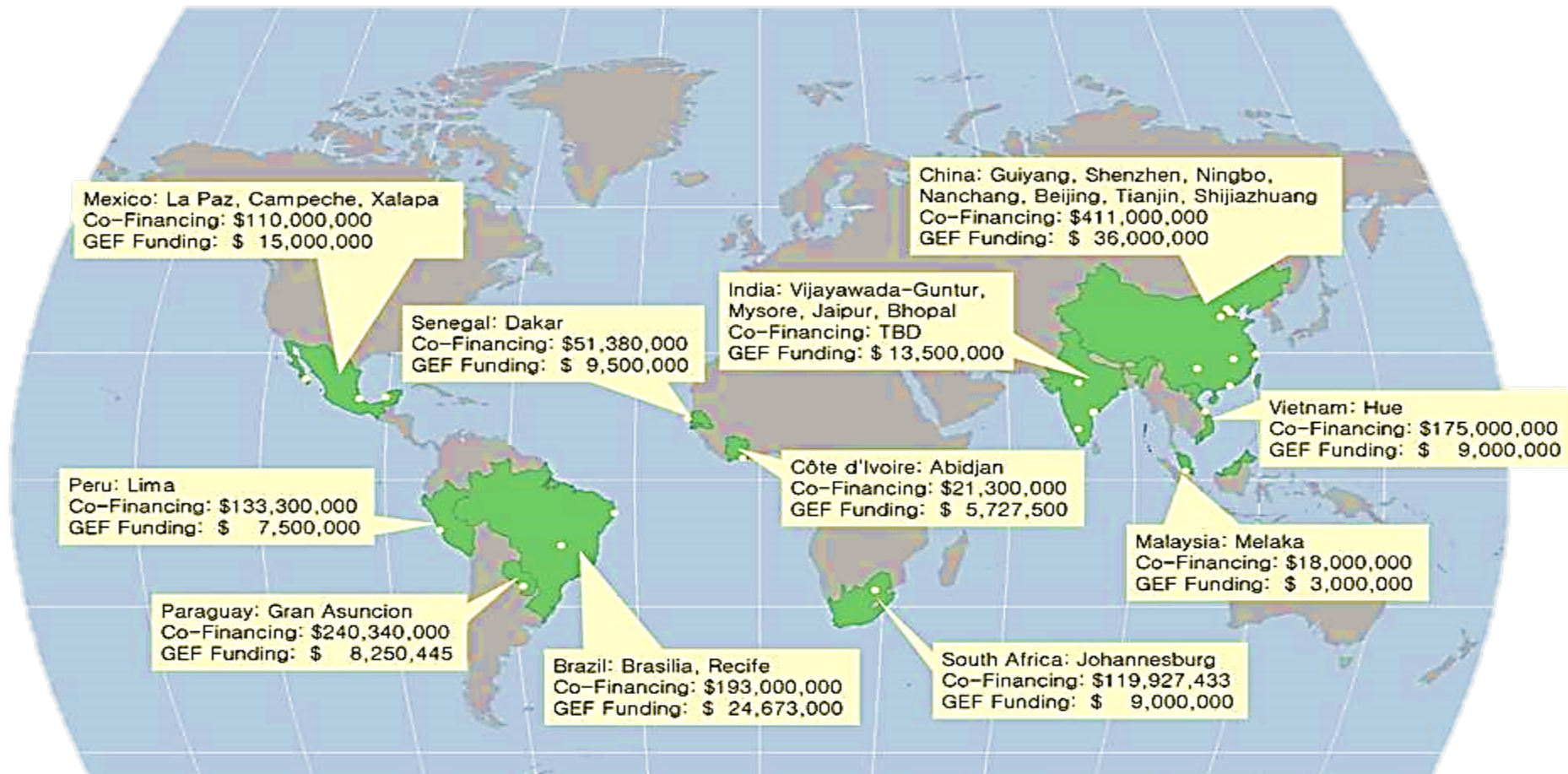
- ✓ Urgency to **integrate global environmental considerations and resilience** into city management through planning, design, and action
- ✓ Enhancing **partnership** towards impact
- ✓ **Supporting goals** of Multilateral Environmental Conventions
- ✓ Going beyond traditional, single GEF focal area project



# Sustainable Cities Common Platform



# Sustainable Cities



- **11 countries; 23 cities**
- Partnership with city network institutions and 8 GEF Agencies, including World Bank (lead), ADB, AfDB, DBSA, IADB, UNDP, UNEP, UNIDO
- GEF funding: \$150M; co-financing: \$1.48bn



# **Climate Change Mitigation and Adaptation**

## **Project Examples**

# Central African Republic: *Integrated Adaptation Program to Combat Climate Change Effects on Agricultural Production and Food Security [\$3.1M]*

- The project aims to create the necessary enabling environment to support the integration of climate change risk management into national and local planning frameworks and agricultural plans
- Expected project results:
  - **Policy, institutional and financial capacities developed and strengthened** to plan and manage climate change risks to the agricultural sector;
  - **Adapted agro-pastoral options implemented** in key vulnerable areas;
  - **Knowledge/experiences shared, capitalized and disseminated** at the national level.

## Rwanda: *Building resilience of communities living in degraded forests, savannahs and wetlands [\$6.1M]*

- This project will introduce various adaptation options as to reduce the vulnerability of the rural Rwanda communities living in near woodland/grassland, forests and wetlands.
- Expected project results:
  - **Establishing multi-disciplinary national committee** to facilitate national dialogue on climate change adaptation,
  - **Mobilize funds** for the implementation of large-scale ecosystem management programs,
  - **Strengthening existing national policies and strategies** on ecosystem management approaches to adaptation,
  - **Developing a national up-scaling strategy** to promote ecosystem management approaches to adaptation

# *Congo DR: Community-Based Miombo Forest Management in South East Katanga [\$5.1M]*

- Promote sustainable management and restoration of miombo forest ecosystems
- Multi-focal area project – incorporates Land Degradation, Climate Change and Sustainable Forest Management
- \$10M in co-financing
- Expected project results:
  - Development of sustainable community-based forest management systems
    - 80,000 ha under sustainable management
    - 418,380 tCO<sub>2</sub>eq sequestered + 1,394,600 tCO<sub>2</sub>eq emissions avoided
    - 1500 beneficiaries
  - Strengthening of legal framework to empower communities
  - Knowledge management and dissemination



# *Cameroon: Promoting Access to Renewable Energy and Development of IT Tools for Rural Communities of Cameroon [\$2.0M]*

- Encourage the use and upscaling of renewable energy technologies to mitigate GHGs, ensure a more sustainable power supply for ICT purposes, and promote the development of solar technologies
- \$29M in co-financing
- Expected project results:
  - Strengthen policy and institutional mechanisms to support green ICT network development
  - Undertake technical studies on potential use of renewable energy technologies to power ICT and community centers in rural areas
  - Deploy and demonstrate solar PV technologies
    - 15,538 tCO<sub>2</sub>e GHG emissions reduction expected
  - Knowledge management and dissemination

# Thank you for your attention

Please contact us at:

Rawleston Moore: [rmooore1@thegef.org](mailto:rmooore1@thegef.org)

1818 H Street, NW, Mail Stop P4-400  
Washington, DC 20433 USA

