

# GEF-7 Programming Directions Overview

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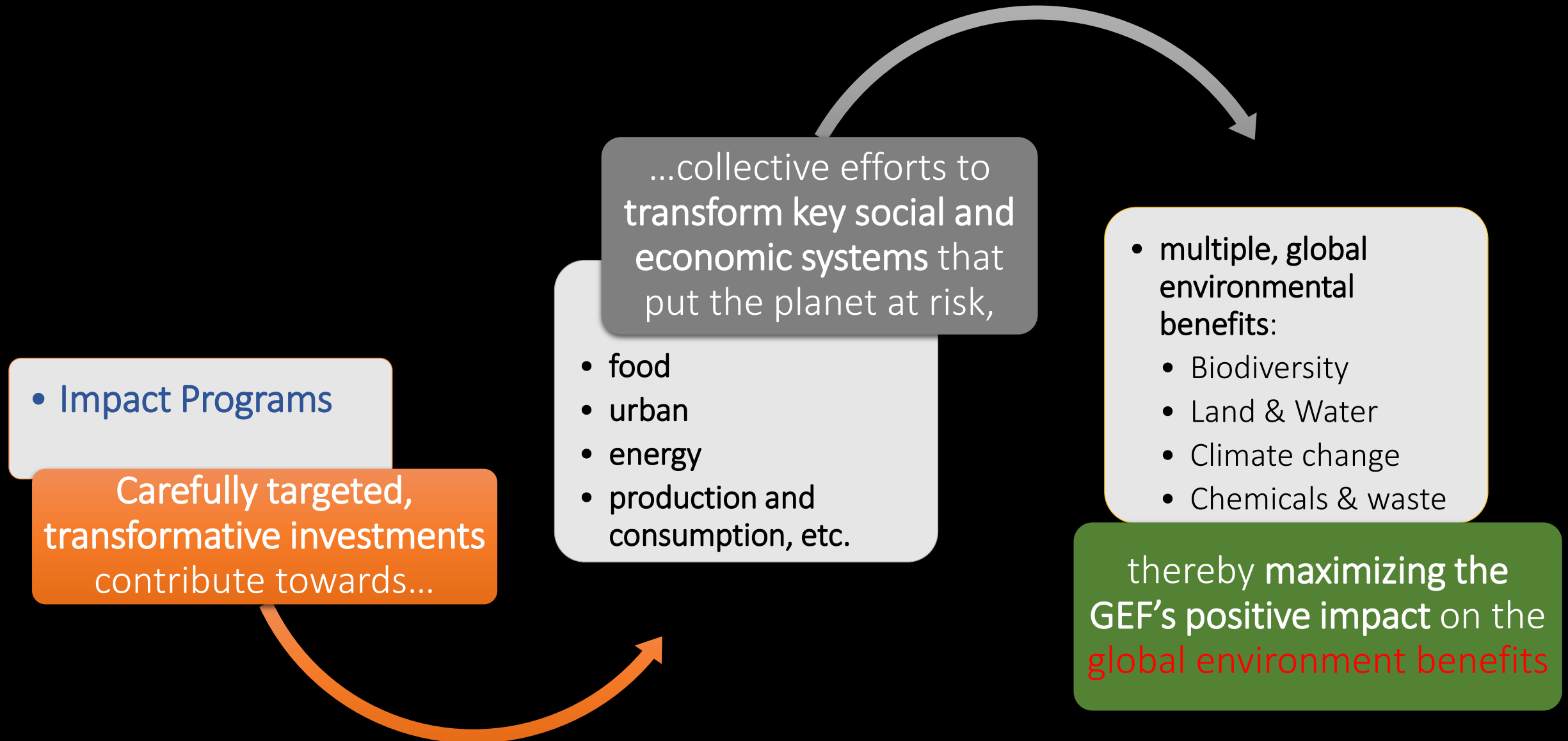
**GEF ECW in Belarus 2019**



# GEF-7 at a glance

- \$4.1 billion total replenishment for 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 from IAPs
- Context: a fast changing global situation - scale and urgency of environmental threats as well as opportunities






















# GEF-7: a **sharper focus** on where the GEF can have the biggest impact



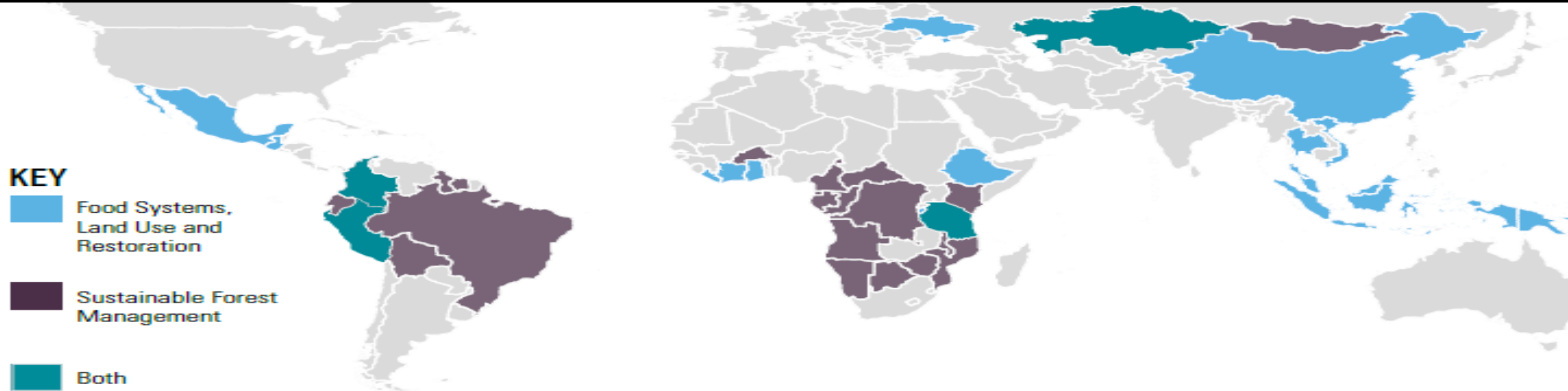
# GEF-7 Programming Framework

	Biodiversity Focal Area	Climate Change Focal Area	Land Degradation Focal Area	International Waters Focal Area	Chemicals and Waste Focal Area
	Programming Areas to be addressed through Focal Area Investments				
	<ul style="list-style-type: none"> <li>Biodiversity mainstreaming</li> <li>Wildlife for sustainable development</li> <li>Natural capital</li> <li>Agrobiodiversity</li> <li>Inclusive conservation</li> <li>Invasive species</li> <li>Protected areas</li> <li>Preventing species extinction</li> <li>Biosafety</li> </ul>	<ul style="list-style-type: none"> <li>CBM</li> <li>Enabling Activities</li> <li>Technology Transfer</li> <li>NDC preparation and implementation</li> <li>Sustainable energy</li> </ul>	<ul style="list-style-type: none"> <li>Creating Enabling Environments for LDN</li> <li>Enabling Activities</li> <li>LDN Target setting</li> </ul>	<ul style="list-style-type: none"> <li>Strengthening Blue Economy Opportunities</li> <li>Improve Governance in ABNJs</li> <li>Enhancing Water Security in Freshwater Ecosystems</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Chemicals</li> <li>Agricultural Chemicals</li> <li>EDC/SIDS support</li> <li>Enabling Activities</li> </ul>
<div> <div>GEBs</div> <div></div> </div>					
			<ul style="list-style-type: none"> <li>Restoration of degraded production landscapes</li> </ul>		<ul style="list-style-type: none"> <li>contaminated by chemicals with alternatives, preferably non-chemical alternatives.</li> <li>Disposal of obsolete agricultural chemicals that are POPs.</li> </ul>
Sustainable Cities Impact Program	<ul style="list-style-type: none"> <li>Integrating biodiversity and ecosystem values in urban planning</li> </ul>	<ul style="list-style-type: none"> <li>Urban-related GHG emissions avoidance</li> </ul>	<ul style="list-style-type: none"> <li>Sustainable management of production systems in urban and peri-urban areas</li> </ul>	<ul style="list-style-type: none"> <li>Decreased pollution of rivers, deltas and coastal areas</li> <li>Advance efficient water use and re-use</li> </ul>	<ul style="list-style-type: none"> <li>Reduction of POPs, ODS, and Mercury in built infrastructure, industry and products and materials used in cities.</li> </ul>
Sustainable Forest Management Impact Program	<ul style="list-style-type: none"> <li>Protection of HCV forests</li> <li>Manage biodiversity in forest landscapes</li> </ul>	<ul style="list-style-type: none"> <li>Protection of carbon-rich stocks</li> <li>Forest related GHG emissions avoidance</li> </ul>	<ul style="list-style-type: none"> <li>Sustainable management of dryland landscapes</li> </ul>	<ul style="list-style-type: none"> <li>Integrated land and water management</li> </ul>	<ul style="list-style-type: none"> <li>In forests where ASGM that uses mercury occurs, reduction or elimination of mercury in these areas.</li> </ul>

# GEF-7 Core targets achieved as of June 2019

CORE INDICATOR	EXPECTED RESULTS	TARGET
 1. Terrestrial protected areas created or under improved management for conservation and sustainable use (million hectares)	 35.1%	200
 2. Marine protected areas created or under improved management for conservation and sustainable use (million hectares)	 35.7%	8
 3. Area of land restored (million hectares)	 78.1%	6
 4. Area of landscapes under improved practices (million hectares; excluding protected areas)	 27.2%	320
 5. Area of marine habitat under improved practices to benefit biodiversity (million hectares; excluding protected areas)	 6.5%	28
 6. Greenhouse Gas Emissions Mitigated (million metric tons of CO2e)	 38.8%	1500
 7. Number of shared water ecosystems (fresh or marine) under new or improved cooperative management	 28.1%	32
 8. Globally over-exploited marine fisheries moved to more sustainable levels (thousand metric tons)	 2.3%	3500
 9. 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)	 30.9%	100
 10. Reduction, avoidance of emissions of POPs to air from point and non-point sources (grams of toxic equivalent gTEQ)	 42.9%	1300
 11. Number of direct beneficiaries disaggregated by gender as co-benefit of GEF investment	15,211,810	MONITORED

# Update of GEF-7 Impact Programs as of June 2019



## IMPACT PROGRAMS

**Food Systems, Land Use and Restoration (FOLUR)**

**Sustainable Cities**

**Sustainable Forest Management for Major Biomes**

Sustainable Forest Management Impact Program on Dryland Sustainable Landscapes

The Congo Basin Sustainable Landscapes

Amazon Sustainable Landscapes Program<sup>1</sup>

## PROGRAMMING TO DATE

54%

0%

99%

97%

106%

# Impact Programs

**1. Food Systems, Land Use and Restoration (FOLUR)**

2. Sustainable Cities

3. Sustainable Forest Management



# Impact Programs: Key Principles



I. Address drivers and promote systemic change

II. Deliver impact and results across Focal Areas

III. Open access but proactive engagement with key countries



# Food Systems, Land Use and Restoration (FOLUR) : Overview

*Achieving Transformational Shift – “Sustainability”*



**I. Efficient and effective**  
food value chains for  
multiple benefits

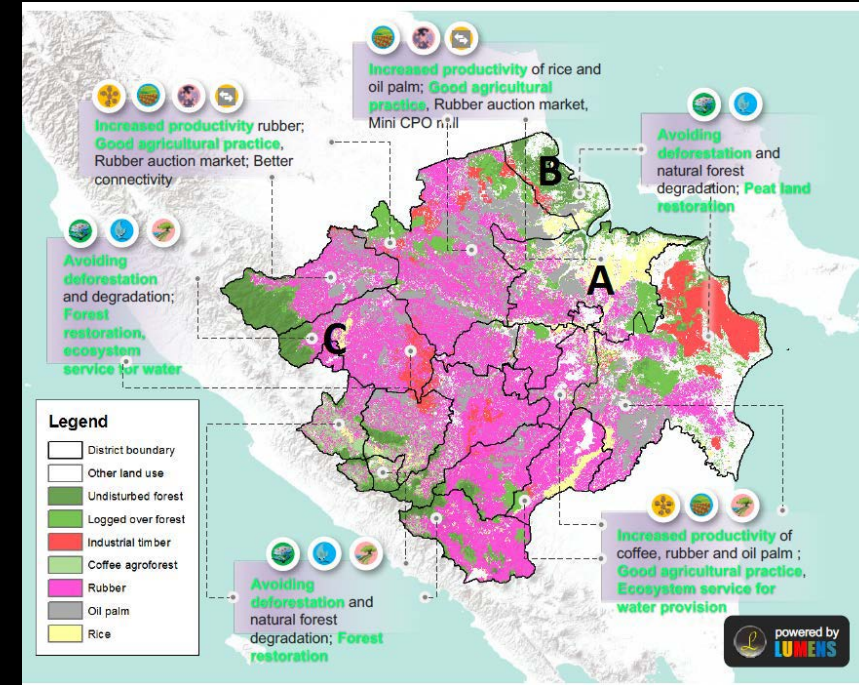
**II. Removing**  
**deforestation** from  
supply chains

**III. Expand restoration of**  
degraded lands



# FOLUR: Spatially explicit geographies

- Evidence of environmental threats (*commodity driven deforestation, unsustainable agricultural systems, etc.*)
- Evidence of commitment to promote sustainability in the supply or value chain
- Potential for applying a comprehensive land use approach – *linking production, conservation, and restoration at scale*



## Focus on **Comprehensive Land Use Planning**

- To balance demands for increased food production with potential for harnessing ecosystem services
- Improve targeting of landscapes for delivering integrated solutions at scale

# Impact Programs

1. Food Systems, Land Use and Restoration

2. Sustainable Cities

3. Sustainable Forest Management



# Sustainable Cities Impact Program

- Rapid and unplanned urban growth is one of the key drivers of environmental degradation.
  - 70% of global GHG emissions
  - Direct implication on food systems
  - Urban sprawl affecting natural infrastructure and biodiversity
- Cities offer effective entry points for major investments in global environmental benefits (GEBs).
- They offer natural integrated systems, power of innovation and wide stakeholder base to achieve large scale GEBs.



# GEF-7 Approach- Sustainable Cities

- **Adopt an integrated approach** for sustainable urban development across sectors and governance levels.
- **Dual support provided by GEF**
  - Specific grant support to selected cities for integrated urban development
  - Global support on decision tools, knowledge, policy, finance, etc.

GEF 6- City-level Projects (27 cities, 11 countries)



Phase I Sectors  
for integration



Transport



Energy



Solid Waste Conservation



Climate Change



Governance



WORLD  
RESOURCES  
INSTITUTE

UN HABITAT  
FOR A BETTER URBAN FUTURE



# Expectations from SC IP projects

Program aspects	Country Level	City level
Transformational Impact	<ul style="list-style-type: none"><li>- Potential to deliver <u>global environmental benefits</u> for the country</li></ul>	<ul style="list-style-type: none"><li>- Adoption of an <u>integrated planning</u> approach for systemic change.</li><li>- Linkage with the Global Platform on Sustainable Cities (GPSC)</li></ul>
Leveraging resources	<ul style="list-style-type: none"><li>- Commitment to <u>leverage financial resources</u> to support the city</li></ul>	<ul style="list-style-type: none"><li>- Commitment to finance specific sustainability solutions</li><li>- Mechanisms to crowd-in more finance through <u>private sector</u></li></ul>
Political Will	<ul style="list-style-type: none"><li>- <u>A clear political</u> will towards sustainable urban growth.</li><li>- Political will to support cities through enabling policy environment.</li></ul>	<ul style="list-style-type: none"><li>- City level political commitment towards sustainability</li><li>- <u>Proactive engagement</u> with global networks</li></ul>



# GEF-7 Categories of Investments and GEBs

- **Evidence-based Spatial Planning**—Cities and surrounding landscapes
- **Infrastructure Integration** at National, Regional, and Local Scales
- **Building Deep Resilience** with smart systems and slum solutions
- **Financing Solutions** for Urban Sustainability.



# Impact Programs

1. Food Systems, Land Use and Restoration

2. Sustainable Cities

**3. Sustainable Forest Management**

# Sustainable Forest Management: Overview

Focus on globally important forests

Amazon  
Forest

Congo Basin  
Forest

Dryland  
Forests

Require regional, ecosystem-scale approach to  
maintain integrity of the entire Biome



# Sustainable Forest Management: Overview



- Creating a better enabling environment for forest governance;
- Supporting rational land use planning across mixed-use landscapes;
- Strengthening of protected areas;
- Clarifying land tenure and other relevant policies;
- Supporting the management of commercial and subsistence agriculture lands to reduce pressure on adjoining forests; and
- Utilizing financial mechanisms and incentives for sustainable forest utilization such as markets, REDD+ and other PES

# Focal Areas

## STAR focal areas:

Biodiversity

Land Degradation

Climate Change Mitigation

## Non-STAR focal areas:

International Waters

Chemicals and Waste



# Biodiversity Focal Area

**I. Mainstream biodiversity** across sectors as well as within production landscapes and seascapes (Biodiversity Mainstreaming in Priority Sectors; Global Wildlife Program; (IWT and Wildlife and Tourism); Natural Capital Assessment and Accounting; Sustainable Use of Plant and Animal Genetic Resources; and Inclusive Conservation)

**II. Address direct drivers** to protect habitats and species (Prevention, Control and Management of Invasive Alien Species; Improving Financial Sustainability, Effective Management, and Ecosystem Coverage of the Global Protected Area Estate)

**III. Further develop biodiversity policy and institutional framework** (Biosafety, Access and Benefit Sharing of Genetic Resources, and Enabling Activities)





# Land Degradation Focal Area

I. Support on the **ground implementation** of Land Degradation Neutrality (LDN)

II. Creating an **enabling environment** to support LDN implementation globally, including UNCCD EAs





# GEF 7 Climate Change Mitigation Focal Area Strategy

- I. Promote innovation, technology transfer for sustainable energy breakthroughs
  - 1) de-centralized renewables with storage
  - 2) electric mobility
  - 3) accelerating energy efficiency
  - 4) cleantech innovation
- II. Demonstrate mitigation options with systemic impacts (through impact programs)
- III. Foster enabling conditions for mainstreaming mitigation concerns into sustainable development strategies, including CBIT, NDCs, Enabling Activities



# Review of Climate Change Mitigation Projects in ECA (as of GEF-6)

GEF Phases	No. of projects	GEF Grant (\$Mn)	Co-finance (\$Mn)	Ratio
Pilot Phase	2	28.2	161.0	5.7
GEF - 1	19	42.2	76.9	1.8
GEF - 2	37	95.8	478.1	5.0
GEF - 3	26	68.2	213.4	3.1
GEF - 4	42	170.0	949.3	5.6
GEF - 5	55	217.1	2384.7	11.0
GEF - 6	37	92.4	594.2	6.4
Grand Total	218	713.8	4857.6	6.8



# GEF 7 CCM Focal Area Approved Projects in ECA (as of July 1, 2019)

GEFID	Title	Country	Agency	GEF Grant (\$Mn)	Co-financing (\$Mn)	Ratio
10114	Global Programme to Support Countries with the Shift to Electric Mobility	Global, Including Armenia, Ukraine, and Uzbekistan	UNEP, ADB, UNDP, EBRD	1.2	4.7	4.0
10152	Sustainable Energy Scale-Up	Belarus	World Bank	3.7	200.0	54.8
10167	Umbrella Programme for Preparation of National Communications (NCs) and Biennial Update Reports (BURs) to the UN Framework Convention on Climate Change (UNFCCC)	Global, including Azerbaijan	UNEP	9.9	1.0	0.1
10110	Sustainable Bioenergy Value Chain Innovations	Ukraine	EBRD	4.8	51.0	10.6
10090	Promoting Low Cost Energy Efficient Wooden Buildings in Turkey	Turkey	UNDP	3.8	34.0	8.9
Total				23.3	290.7	12.5

# Examples of GEF 7 CCM Projects under Objective 1

## WB/Belarus: Sustainable Energy Scale-Up

- GEF \$3.7 million excluding agency fees
- Objective: To scale up efficient energy use in space heating of multi-apartment buildings and renewable wood biomass fuel utilization.
- Four Components: (1) Mobilizing capital investments in renewable wood biomass heating (\$138 million); (2) Promoting thermal renovation of multi-apartment buildings (\$61 million); and (3) Technical Assistance and Implementation Support (\$4.5 million)
- Co-financing: WB \$100 million loan and EIB \$100 million loan.
- GEBs: directly reduce 8.4 million tCO<sub>2</sub>e.

## EBRD/Ukraine: Sustainable Bioenergy Value Chain Innovations

- GEF \$4.8 million excluding agency fees
- Objective: To promote investment in innovative bioenergy technologies and practices associated with the use of agricultural residues and wastes in Ukraine
- Four Components: (1) Supportive regulatory and policy framework; (2) Technical support; (3) Deployment of financing products; and (4) Enhanced networking, knowledge-sharing
- Co-financing: \$51 million loan of the EBRD
- GEBs: To mitigate 1.5 million tCO<sub>2</sub>e

# GEF7 CCM 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 allocations
- National Communications (NCs) and Biennial Update Reports (BURs)
  - Up to \$500,000 and \$352,000 respectively (from GEF Global Set-aside for Enabling Activities)



# Update ECA CBIT (as of 5/21/2019, source: Council document, GEF/C.56/Inf.06)

GEF ID	Country	Agency	Status	Date of Approval	GEF Amount	Co-financing
9966	Bosnia-Herzegovina	UNDP	PIF Approved	25-May-2018	\$1,335,900	\$1,485,900
10021	Montenegro	UNDP	PIF Approved	18 May 2018	\$1,204,500	\$1,479,500
10028	Georgia	UNEP	PIF Approved	18 Jun 2018	\$1,127,850	\$1,265,190
10029	Serbia	UNDP	CEO Approved	11 Jan 2019	\$1,204,000	\$1,304,500
10042	Macedonia	UNDP	PIF Approved	5 Jun 2018	\$1,445,400	\$2,855,400
10043	Azerbaijan	UNEP	PIF Approved	8 Jun 2018	\$1,470,585	\$1,820,585
10138	Armenia	UNDP	PIF Approved	17 Apr 2019	\$1,084,050	\$1,084,050

# Update of GEF-7 STAR in the ECW Countries as of June 2019

Country	STAR CC	STAR BD	STAR LD	STAR Total	Used CC	Used BD	Used LD	Used total
Albania	1.00	2.00	1.00	4.00				0.00
Armenia	1.31	2.00	4.14	7.45	0.65			0.65
Azerbaijan	5.06	2.00	3.42	10.48		3.00		3.00
Belarus	5.64	2.00	1.00	8.64	4.00			4.00
Bosnia-Herzegovina	1.00	2.00	1.00	4.00				0.00
Georgia	1.50	2.00	2.20	5.70			2.00	2.00
Kazakhstan	7.19	3.24	6.27	16.70	3.80	3.20	5.10	12.10
Kyrgyz Republic	1.02	2.00	2.70	5.72				0.00
Macedonia	1.00	2.00	2.18	5.18				0.00
Moldova	1.00	2.00	5.28	8.28			5.28	5.28
Montenegro	1.00	2.00	1.00	4.00				0.00
Russia	39.86	13.46	6.68	60.00				0.00
Serbia	1.47	2.00	1.00	4.47				0.00
Tajikistan	1.00	2.00	2.73	5.73				0.00
Turkmenistan	2.37	2.00	3.15	7.52				0.00
Ukraine	10.01	2.00	3.39	15.40	7.55	1.48	2.94	11.97
Uzbekistan	10.94	2.00	5.34	18.28	4.00			4.00

# GEF Programming Strategy on Adaptation to Climate Change for the Special Climate Change Fund

- **Objective 1: Reduce Vulnerability and Increase Resilience through Innovation and Technology Transfer for Climate Change Adaptation**

The primary SCCF entry point for Objective 1 is for Adaptation Innovation.

- **Objective 2: Mainstream Climate Change Adaptation and Resilience for Systemic Impact**

The entry point for Objective 2 focuses on supporting mainstreaming of adaptation and resilience towards enhanced impacts.

- **Objective 3: Foster Enabling Conditions for Effective and Integrated Climate Change Adaptation**

The key in Objective 3 is to support Enabling Activities in Response to COP Guidance.





# International Waters Focal Area

I. Strengthening **Blue Economy** opportunities

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

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





# GEF 7 Chemicals and Waste Focal Area



**I. Industrial  
Chemicals**

**II. Agricultural  
Chemicals**

**III. SIDS/LDCs  
program - Least  
Developed Countries  
and Small Island  
Developing States**

**IV. Enabling Activities**





# GEF 7 Replenishment

**\$599 Million** has been allocated to chemicals and wastes focal area:

- \$359 million notionally allocated to Stockholm Convention
- \$206 million notionally allocated to Minamata Convention
- \$23 million notionally allocated to Montreal Protocol
- \$12 million notionally allocated to SAICM



# Expected Impact

- **100,000 metric tons** of 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
- **1,300 gTEQ** Reduction, avoidance of emissions of POPs to air from point and non-point sources.

