

UN Environment Programme & the Global Environment Facility

UN
environment
programme



GEF-8: A shared strategic direction

Constituency Meeting: Dushanbe,
Tajikistan

May 2023

UNEP = the **voice** of the **United Nations** on the **environment**

OUR MISSION

Providing leadership and encourage partnership in caring for the environment by inspiring, informing, and enabling nations and peoples to improve their quality of life without compromising that of future generations



OUT MANDATE

To set the environmental agenda, promote the coherent implementation of the environmental dimension of sustainable development within the UN system and serve as an authoritative advocate for the global environment

- Integrating **Natural Capital Accounting** in public and private sector policy and decision-making
- Support to **Blue Economic Growth** through marine and coastal **natural capital accounting**
- Mainstreaming biodiversity through **Ecosystem Restoration** and **Sustainable Land Management** to improve livelihoods
- Improving national and regional capacities to reduce impacts of **Invasive Alien Species**
- Expanding and improving **Biodiversity Conservation** to ensure ecosystem services and reduce vulnerability
- Support to **National Land Use** initiatives toward mainstreaming sustainable land management practices
- Support to ratification and implementation of the **Nagoya Protocol**
- Integrating management of wetland **Biodiversity and Ecosystems Services**
- Improving national ecosystem services through **Sustainable Land Management** and **Restoration of Degraded Landscapes**

UNEP BD-LD Projects in the Central Asia region

- Upscaling of **Global Forest Watch** in Caucasus Region
- Part of the **Global Biodiversity Framework Early Action Support** (GLOBAL 2)

Integrated Programmes

- **Net-Zero Nature Positive Accelerator IP:** UNEP leads, ADB, and CAF co-lead.
- **Sustainable Cities IP:** Support to country child projects, building on UNEP-led GEF-7 Sustainable Cities IP

Climate Change STAR Focal Area

- Scale up **Zero-Emission Mobility** of people and goods: Building UNEP GEF-7 Global E-Mobility Programme
- Accelerating the efficient use of Energy and Materials in the **Built Environment**
- Renewable Energy **Grid integration**

Capacity Building Initiative for Transparency (CBIT Set Aside Fund)

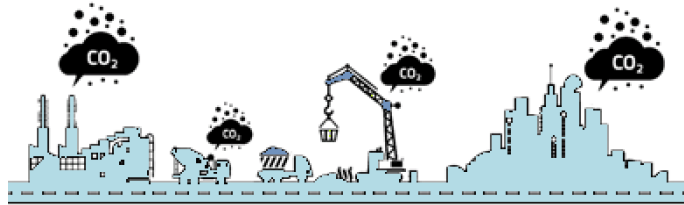
- Building on UNEP-led CBIT Global Coordination Platform and 35 CBIT Country projects.

Accelerate the efficient use of Energy and Materials in the Built Environment

Delivering Integrated Solutions to Reduce Carbon in Buildings



Moving from a focus on operational carbon to whole-life carbon/ lifecycle approaches.



Embodied Carbon
Manufacture, transport, and installation of construction materials

Operational Carbon
Building Energy Consumption

through:

Multi stakeholders-endorsed market transformation and investment planning

Upscaling investments

Capacity building

More information: camilla.pivali@un.org

Scale up Zero-Emission Mobility of people and goods

Support low and middle-income countries with the shift to zero emission vehicles (ZEV) to reduce GHG emissions in the transport sector

UNEP submitted a GEF8 Programme proposal to GEF, which builds on the experience of [UNEP GEF-7 Programme](#):

Net Zero Nature Positive Accelerator IP (UNEP leads with ADB and CAF to co-lead)



Since 2012, UNEP, through [Green Economy Advisory Services](#) and [PAGE](#), has been **supporting and advising 33 countries** with **policy implementation** to achieve low-carbon, inclusive, and nature-positive **economic transformation**.



UNEP's relevant methodologies
(Applied by 40 countries)



And with networks of private financials mobilized by:

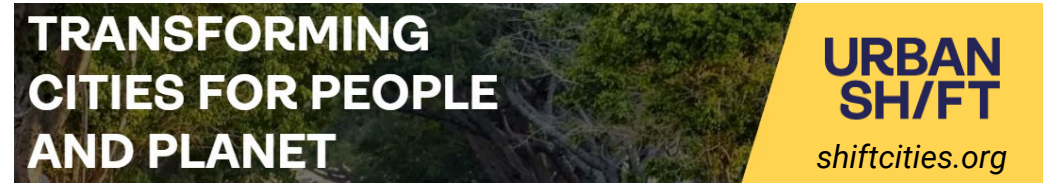


UNEP can provide excellent opportunities to implement NZNP strategies by materializing **sectoral investment plans**.

More information: camilla.piviali@un.org

Sustainable Cities IP

UNEP will support country child projects, building on **UNEP-led GEF-7 Sustainable Cities Impact Programme** experience:



Capacity Building Initiative for Transparency (CBIT Set-Aside Fund)

UNEP currently Implements the CBIT **Global Coordination Platform** and **35 Country** projects

CBIT CAPACITY-BUILDING INITIATIVE FOR TRANSPARENCY
GLOBAL COORDINATION PLATFORM



- UNEP GEF CW portfolio has ongoing projects in the Central Asia region **worth approximately 16 million USD.**
- There is **a shortage of EAs with capacity to execute** full sized and regional projects. Other difficulties include lack of coverage by UN official language.
- Regional trends include increased: use of pesticides and fertilizers, increased spending in climate resilience, a potential increase for single use plastic water bottles due to lack of potable water, return of tourism post-covid, a rise in e-healthcare, increased advanced automation in the management of global supply chains and smart cities, and the emergence of the region as a new global economic center with an increase in E-waste, plastics and textile consumption as well as 3 space agencies with full launch capabilities.

Potential projects in the region include:

- IP 11: Elimination of hazardous chemicals from supply chains (53mil\$) – with UNEP GEF CW as lead agency, the programme will be split into 2 value chains: Fashion and construction.
- Other potential initiatives:
 - ✓ Reducing **mercury emissions** through phasing out mercury-containing products, mercury waste management and introducing alternatives
 - ✓ Addressing hazardous **fire-fighting foams** replacement in selected large international hubs
 - ✓ Green and Sustainable **Ports and Shipping** - links to CCM and IW
 - ✓ Build on the Kyrgyzstan and Mexico **primary mercury mining projects** to expand to other countries in the region (FSP)
 - ✓ Develop regional **mercury trade** projects (FSP regional)
 - ✓ Expansion of **planetGOLD** projects for eligible countries - links to BD/LD on the Sumatran Rainforest management
 - ✓ Improving **circularity for textiles** used in uniforms and **phase out of fossil fuel based synthetic polymers**

Objective 1: Accelerate joint action to support a Sustainable Blue Economy

TDA/SAP

- Support with formulation and implementation
- With **Regional Seas Programme** support to implement regional action plans and conventions (e.g. COBSEA – SPREP)

LBS Pollution

- GPA with GPNM (Nutrients) – GPML (Plastics) and WWI (Wastewater)
- Regional action plans on nutrient management and plastics (e.g. COBSEA – RAPMALI – SEA Circular)
- GPA work on wastewater pollution and its impacts on coral reefs.
- CE approaches to marine plastics in cities to be replicated
- Nutrient Management Tool box with case studies in Manila Bay, Laguna de Bay and Chilika Lake to be upscaled
- A GEF IW Integrated Nitrogen Management System
- A GEF IW Phosphorous management in shallow lakes for use
- UNEA resolution on Plastics and Nitrogen
- Plastic INC

SBE

- Transition framework to SBE with UNEP FI
- Unpacking SBE in 14 PICs to be replicated (I2I Pacific)
- Tools on Blue Carbon – Blue Forests and captured in a Blue Solutions Portal
- Approach on SBE and conservation finance (e.g. Blue Carbon Fund, Nature Credit cards) to be replicated
- Support to **networks of MPA**
- Regional delivery mechanisms through the regional seas programmes.
- Leading agency on **coastal ecosystems management**
- Coordinating the **International Seagrass Experts Network**
- UNEP & WCMC lead on global mangrove assessment
- UNEA Resolutions 4/14 on Sustainable Coral Reef Management and 4/12 on Sustainable Management for Global Health of Mangroves

Others

- Ridge to Reef management experience to be replicated
- Fisheries management GEF IW Fisheries Refugia Project to be upscaled
- Ocean management decision support tools e.g. Ocean Watch - GEMS/OCEAN

Objective 2: Advance management in the Areas Beyond National Jurisdiction (ABNJ)

- GEF IW project on building cross sectoral capacity for the management of resources in common oceans with a case study in the Pacific
- Support to LMEs with ABNJ mandates through the RSP

Objective 3: Enhance water security in shared freshwater ecosystems

- History of support to **TDA/SAP and SAP implementation** in TB basins and Aquifers
- UNEA resolution on **sustainable lake management**
- A Freshwater strategy promoting **IWRM**
- Experience with **aquaculture schemes** in large river basins and transboundary lakes (Amazon and Lake Tanganyika) to be replicated
- Development of a flood and drought management decision support tools tested in Chao Praya (Thailand) to be used broadly
- **Earth Observation wetland mapping tool** (SDG 6.6.1) and is actively gathering and uploading **IWRM SDG 6.5.1 data on an online portal**.
- Support through **global monitoring systems** such as GEMS/Water and World Water Quality Alliance.



- **Circular Solutions to Plastic Pollution**
 - ✓ UNEP will **co-lead** with WWF (Focus on **food and beverage plastics and CE**)
- **Clean and Healthy Ocean**
 - ✓ GPA and RSP supporting and piloting innovative approaches to addressing **wastewater using ecological solutions** (constructed wetlands) and other low-cost approaches including in partnership with **IFIs (CREW)**

Contact us:



CAMILLA PIVIALI
camilla.piviali@un.org

THANK YOU!

www.unep.org/gef
unep-gef@un.org

