

# Climate Change

## 2018 - 2019 Subprogramme Performance

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# Portfolio Overview

## by Expected Accomplishment



### Expected Accomplishment A **Climate resilience**

- Ecosystem-based adaptation
- Adaptation planning, M&E
- Institutional frameworks
- Capacity Building
- Finance
- World Adaptation Science Programme
- Global & Regional Adaptation Networks

### Expected Accomplishment B **Low emission growth**

- Decarbonization planning
- Standards & technologies
  - Energy, Industry, Agriculture, Transport, Buildings, Forestry
- Climate Finance
  - Investment facilitation
  - Asset decarbonization
- Partnership e.g., Climate & Clean Air Coalition

### Expected Accomplishment C **REDD+**

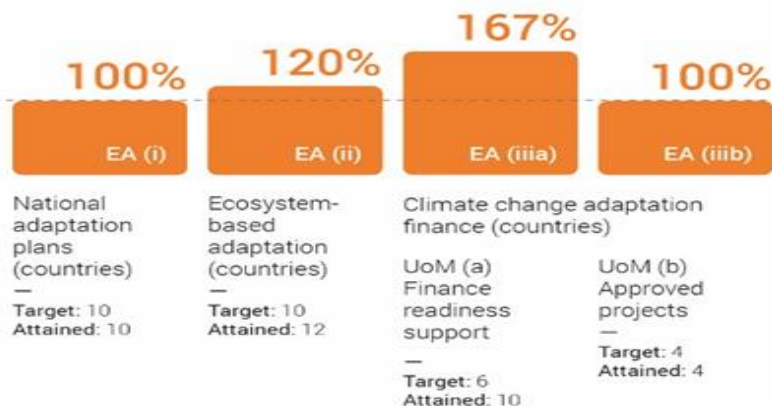
- UN-REDD
- Multiple benefits & safeguards
- Landscape finance
- Food Systems
- UN Decade on Ecosystem Restoration

### Science-Policy Interface:

- Intergovernmental Panel on Climate Change, Emissions & Adaptation Gap Reports
- NDC Partnership, Initiative for Climate Action transparency, Technology Needs Assessment

# SP 1- Indicator performance

## CLIMATE RESILIENCE



100% attained  
60-90% partially attained  
below 60% not attained

■ attained

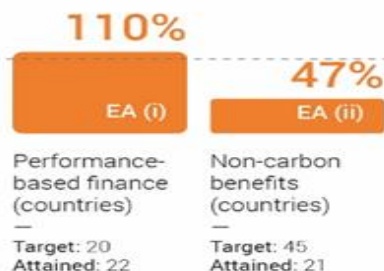
## LOW-EMISSION GROWTH



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60-90% partially attained  
below 60% not attained

■ attained

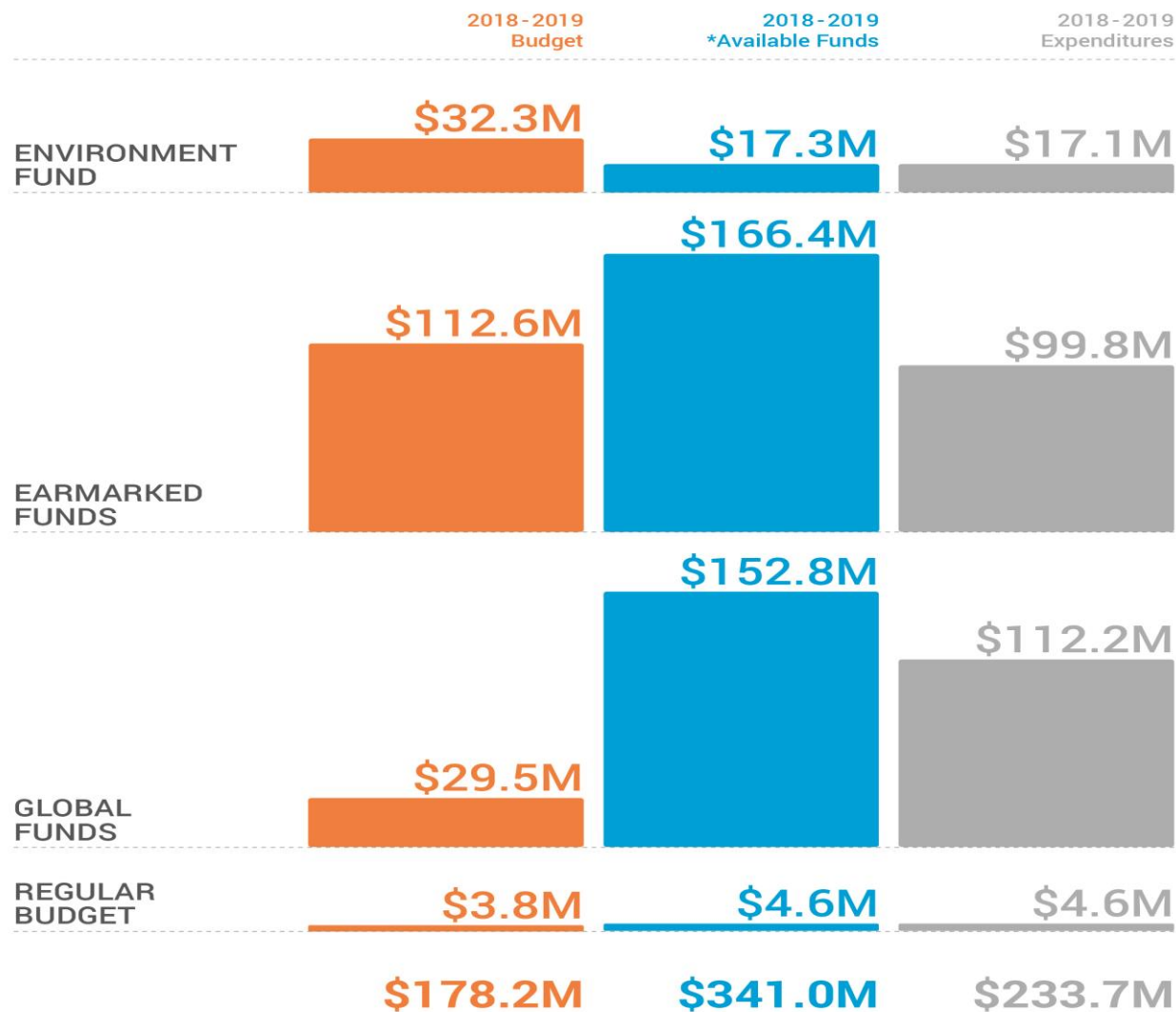
## REDD+



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60-90% partially attained  
below 60% not attained

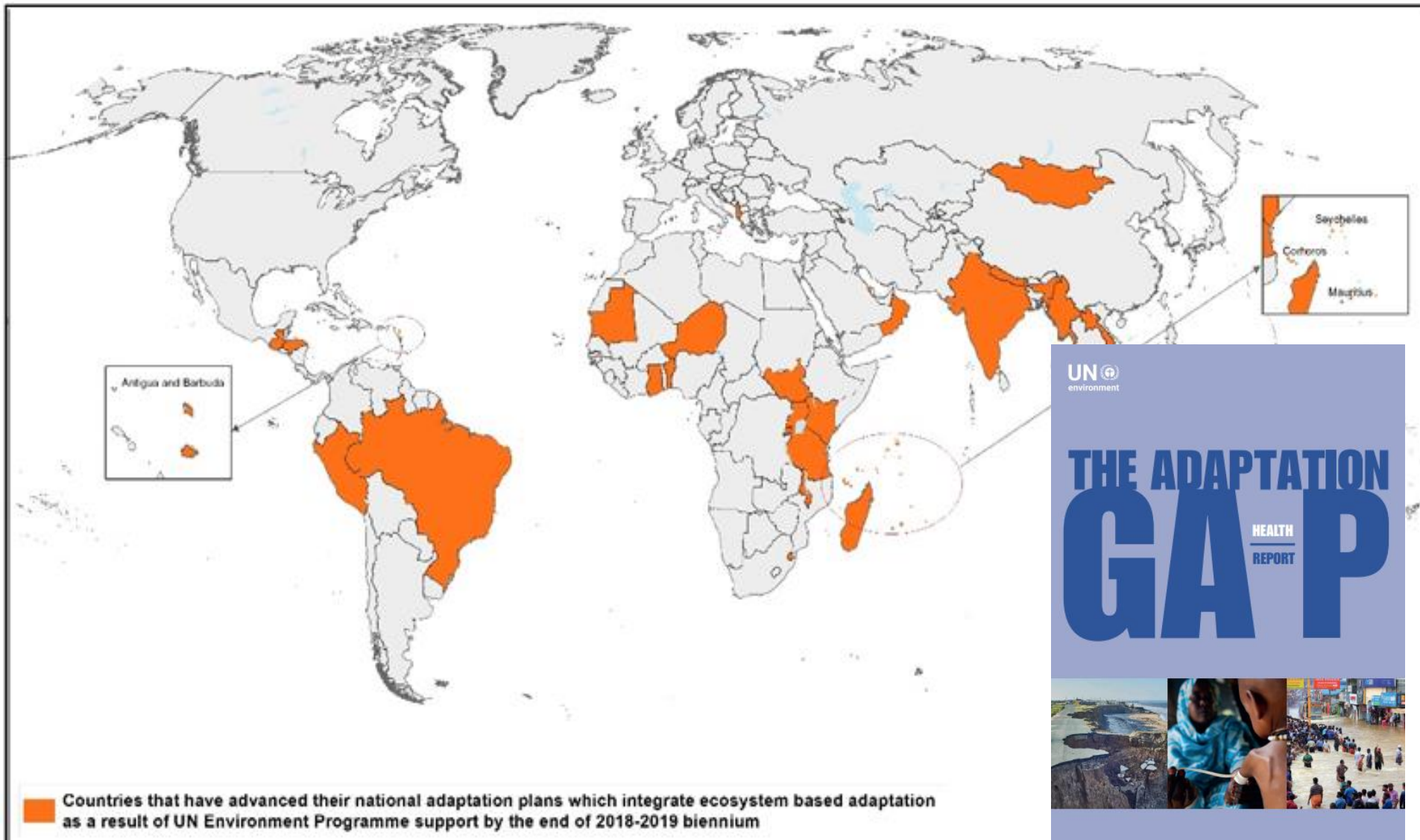
■ not attained

# SP 1- Financial overview



(\*) Includes multiyear contributions beyond 2019

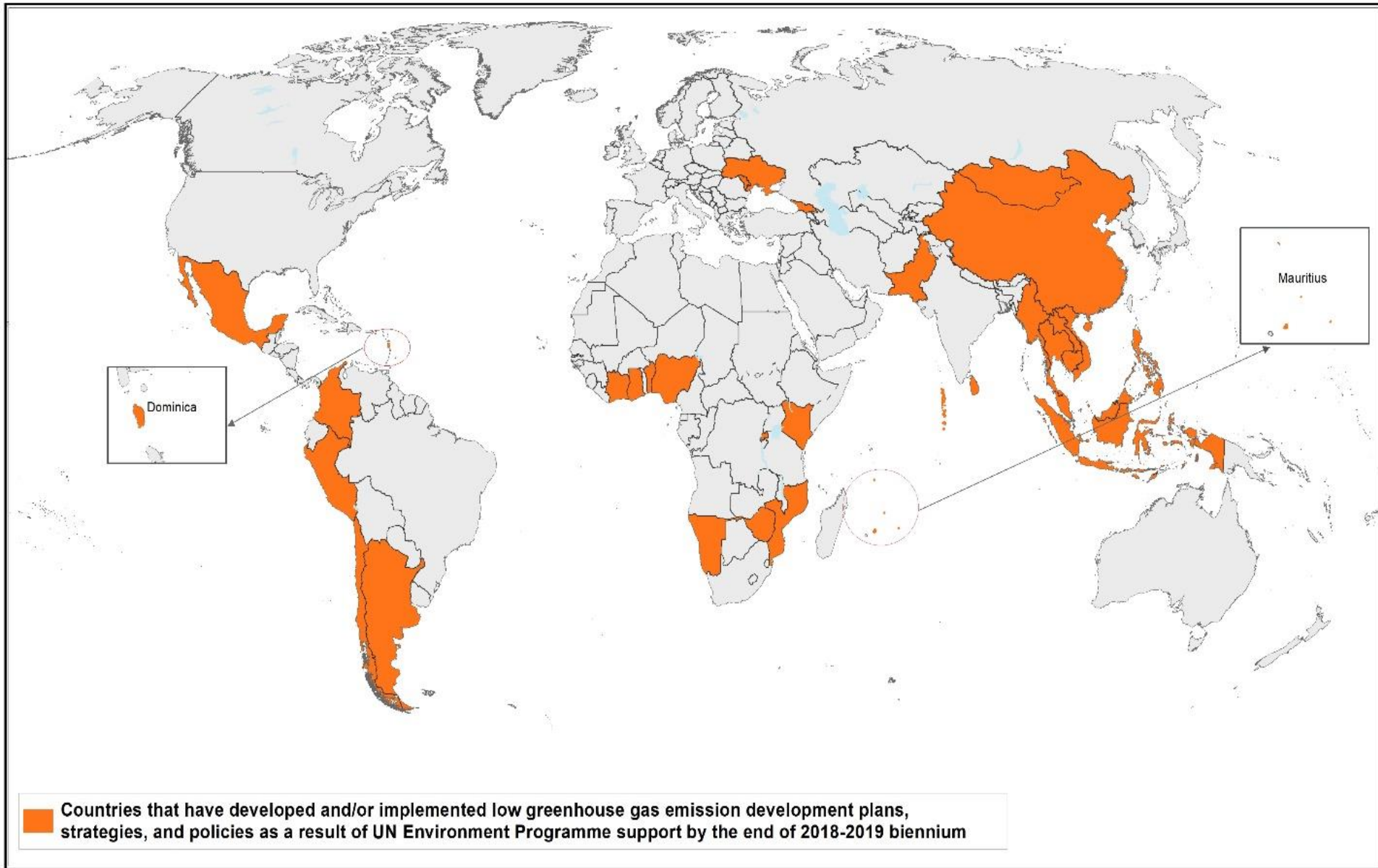
# Highlights of EA(a) - Adaptation 2018 - 2019 Key Results

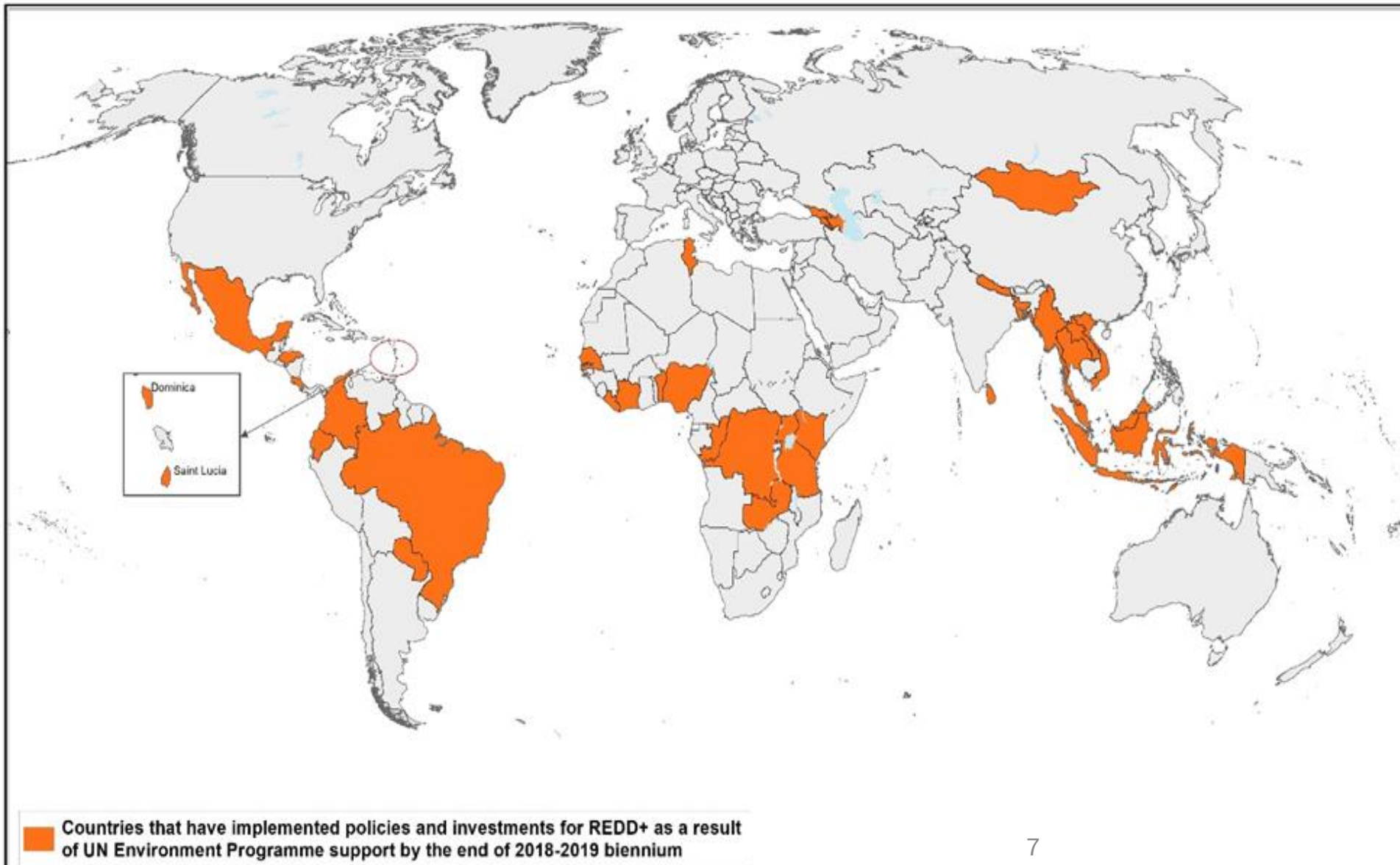




# Highlights of EA(b) - Mitigation

## 2018 - 2019 Key Results





# Challenges and lessons learnt

PoW delivered but...

- EGR 2019 & EGR 10-year summary
  - Emissions continue to grow
  - => increased focus on finance and public sentiments
- COVID-19 recovery investment to take full advantage of policies & capacity
  - Use as investment blue-prints







# Thank you

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# Healthy and productive Ecosystems

## 2018 - 2019 Subprogramme Performance

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**UNEA 2  
Resolutions**

**UNEA 3  
Resolutions**

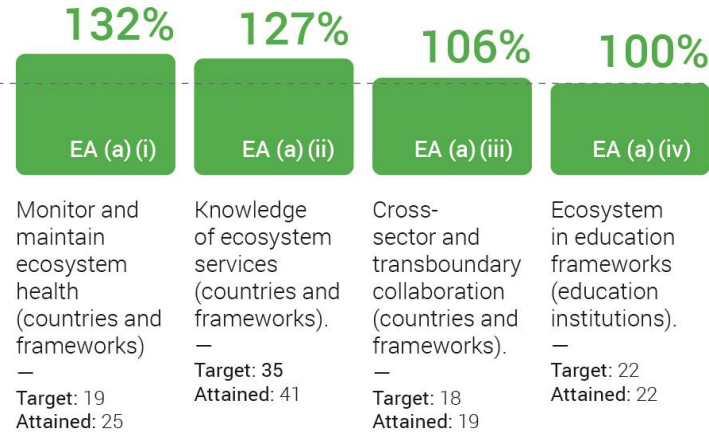
**UNEA 4  
Resolutions**



# SP 3- Indicator performance



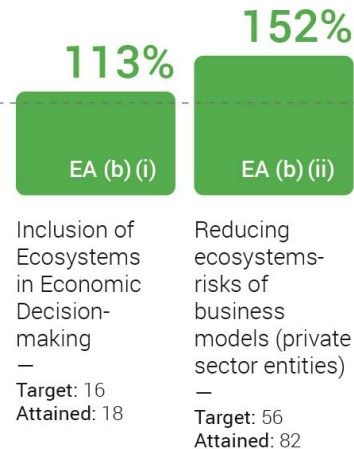
## CROSS-SECTOR AND TRANSBOUNDARY COLLABORATION FRAMEWORKS



100% attained  
60-90% partially attained  
below 60% not attained

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## ENABLING ENVIRONMENT

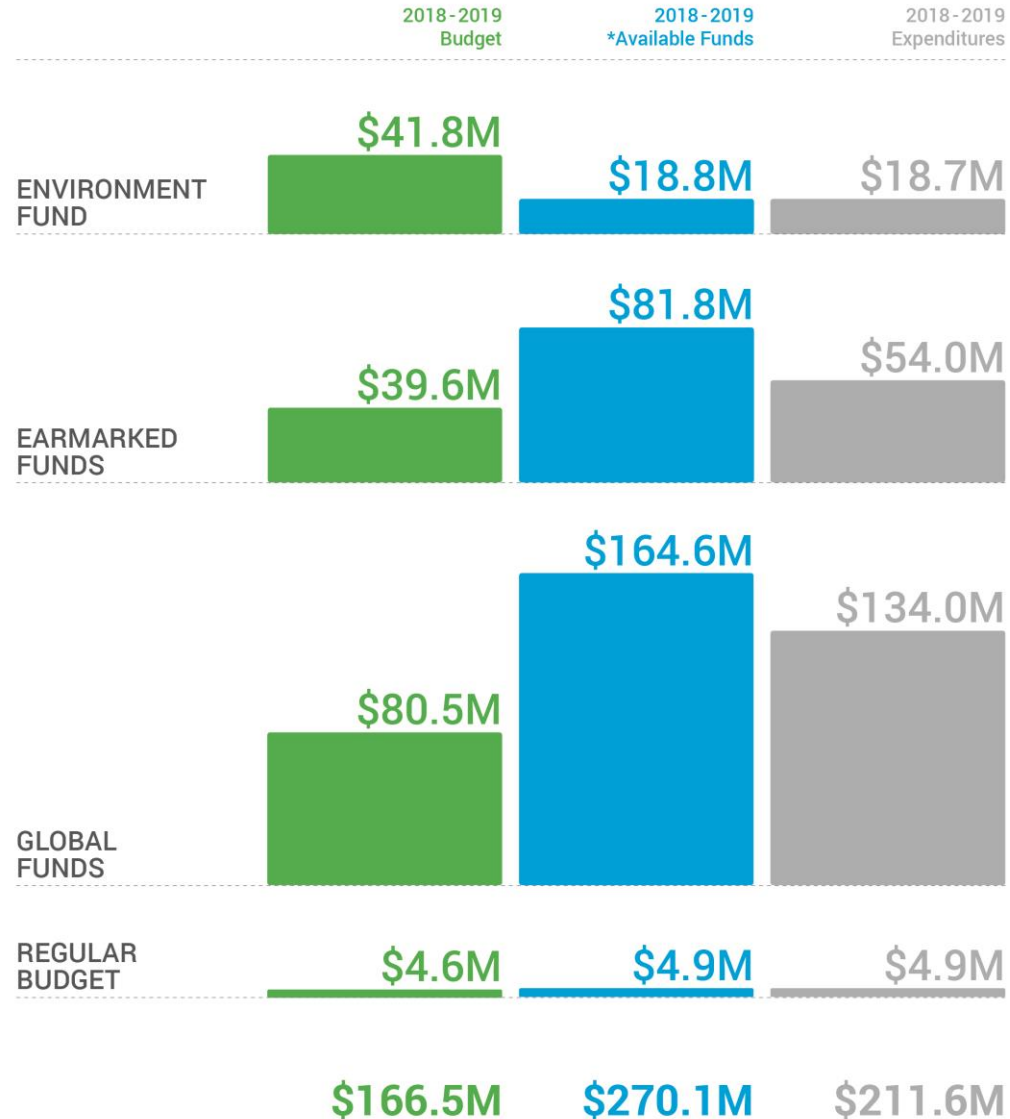


100% attained  
60-90% partially attained  
below 60% not attained

 attained



# SP 3- Budget performance



(\*) Includes multiyear contributions beyond 2019



# Highlights of EA(a) - 2018 - 2019 Key Results



**18 countries and 7 transboundary collaboration frameworks had made progress in monitoring and maintaining the health and productivity of marine and terrestrial ecosystems**

Progress in monitoring and maintaining the health and productivity  
of terrestrial and marine ecosystems

**Monitor and  
maintain the  
health and  
productivity of  
ecosystems**



- Countries that have made progress in monitoring and maintaining the health and productivity of marine and terrestrial ecosystems January 2018 - December 2019
- Transboundary collaboration frameworks on monitoring and maintaining the health and productivity of terrestrial and marine ecosystems January 2018-December 2019

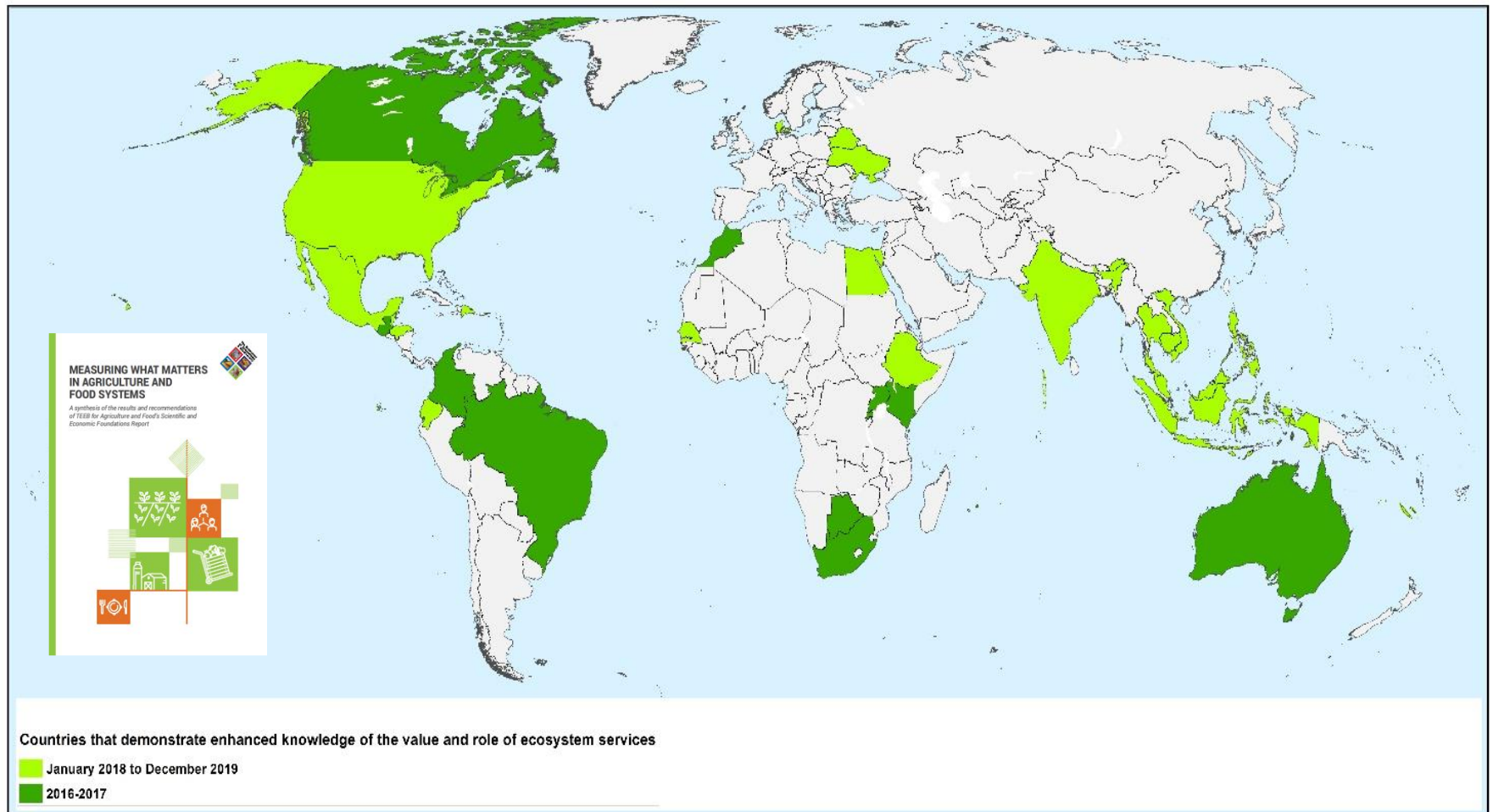
# Highlights of EA(a) - 2018 - 2019 Key Results

**Enhanced  
knowledge of the  
value and role of  
ecosystem services**



**34 countries and 6 transboundary frameworks had demonstrated enhanced knowledge of the value and role of ecosystem services**

### Enhanced knowledge of the value and role of ecosystem services



# Highlights of EA(a) - 2018 - 2019 Key Results

Improvement  
in collaboration  
frameworks for  
ecosystem  
management



**13 countries and 6 transboundary frameworks demonstrated improvement in the institutional set-up for cross-sector collaboration for terrestrial ecosystem management.**

- Brazzaville Declaration, 2018
- A global South-South knowledge exchange
- UNEA4 resolution on the Conservation and Sustainable Management of Peatlands, 2019
- UN Decade on Ecosystem Restoration: 2021-2030



# Highlights of EA(a) - 2018 - 2019 Key Results

Ecosystem  
approach  
integrated in  
education  
frameworks



22 education institutions and learning platforms supported by UNEP had integrated the ecosystem approach into their educational frameworks

- **Provision of Materials** and support to individual universities on demand;
- **Working through networks** with mass reach non-formal and formal education partners to support with curriculum, guidance and materials.



Learn with UN Environment



Funding Source:

In Collaboration of the Project of Mainstreaming biodiversity conservation and use in Sri Lanka agro-ecosystems for livelihoods and adaptation to climate change (BACC) funded by United Nations Environment Programme (GEF/UNEP) under Ministry of Mahaweli Development and Environment and implemented by Department of Agriculture.





# Highlights of EA(b) - 2018 - 2019 Key Results

Incorporation of  
ecosystems in  
economic  
decision-making



**18 public sector institutions tested the incorporation of the health and productivity of marine and terrestrial ecosystems in economic decision-making at the national level**

- Six countries (Brazil, Cameroon, China, Congo, Egypt, Ghana, India, Mexico, South Africa, Uganda) had initiated the development of experimental ecosystem accounting;





# Highlights of EA(b) - 2018 - 2019 Key Results

Private sector  
reduces  
ecosystem-  
related risks  
and/or impacts



**82 financial institutions had adjusted their business models to reduce their ecosystem-related risks**

- ENCORE online tool launched by UNEP FI and UNEP-WCMC;
- Sustainable Blue Economy Finance Initiative launched;
- Principles for Responsible Banking launched by UNEP FI;
- Biodiversity target setting.





# Challenges and Lessons Learned

- Negative trends in biodiversity and ecosystems continue.
- Strengthened partnerships.
- A healthy biosphere is the foundation of sustainable development.
- Mobilize private sector partnerships that serves people and planet.





Thank you

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[www.unep.org](http://www.unep.org)



SP1 – Climate Change



SP3 – Healthy and productive  
Ecosystems

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**Combined Q & A**

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# Chemicals, Waste and Air Quality Programme Performance Report 2018 - 2019

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# SP5 Portfolio Overview

## Focus Areas by Expected Accomplishment

Expected Accomplishment A

### Chemicals

- Generating and sharing science and knowledge
- Accelerating MEA and SDG targets implementation
- Environment, health and pollution
- Strategic Approach to International Chemicals Management
- Special Programme
- UNEP/GEF Chemicals and Waste portfolio

Expected Accomplishment B

### Waste

- Promotion and delivery of sound waste management technologies and methods and in-country technical and advisory support
- Protecting the marine environment from land-based pollution through strengthened coordination and global action

Expected Accomplishment C

### Air Quality

- Providing support to countries and cities in improving air quality
- Institutional measures and technical assistance to address air pollution
- Sustainable low emissions transport

**Science-Policy Interface:**

**Global Chemicals Outlook – Waste Management Outlooks – Monitoring & Assessment**

# SP5 Indicator Performance



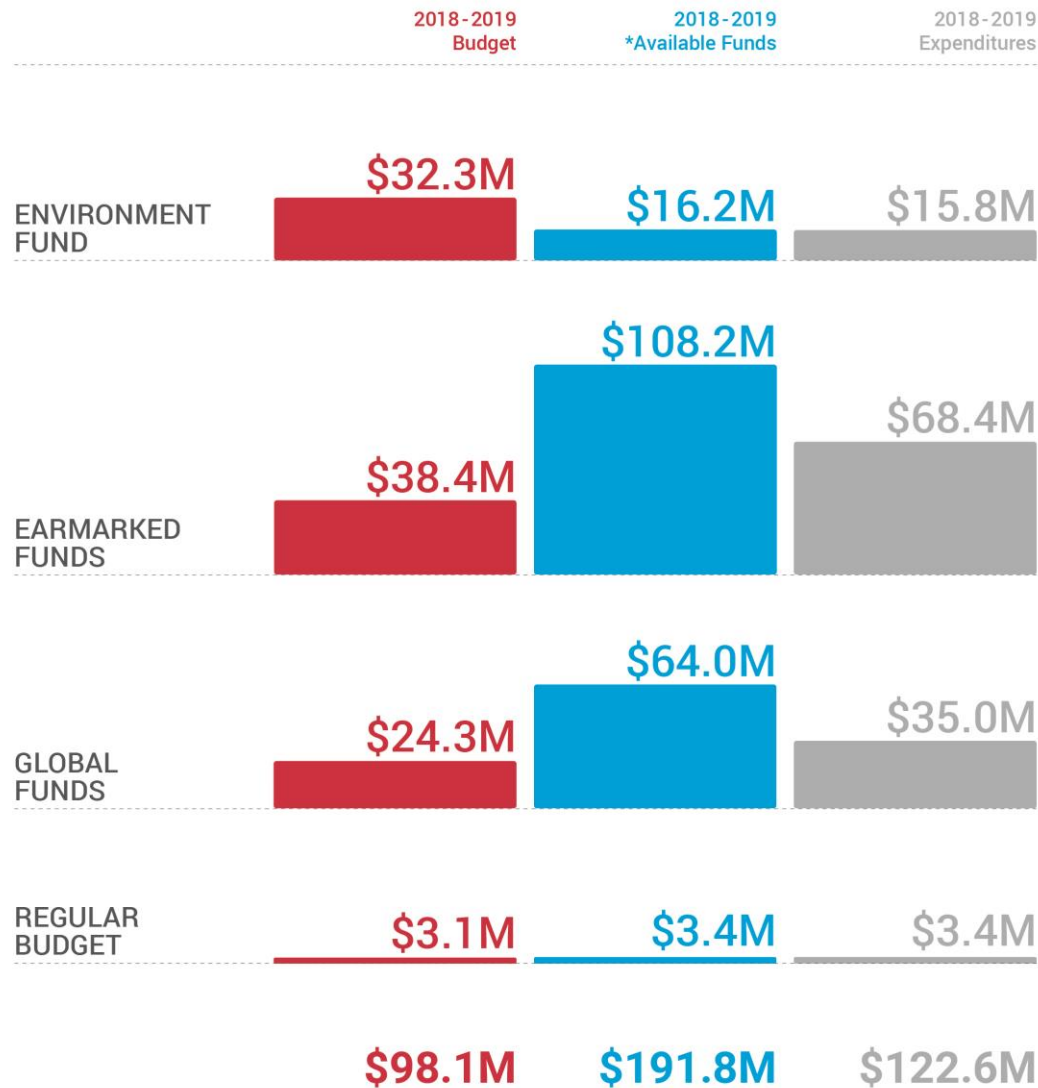
CHEMICALS, WASTE  
AND AIR QUALITY

## Uptake of sound management of chemicals, waste and air quality



# SP5 Finance Overview

## 2018-2019 budget, available funds and expenditures

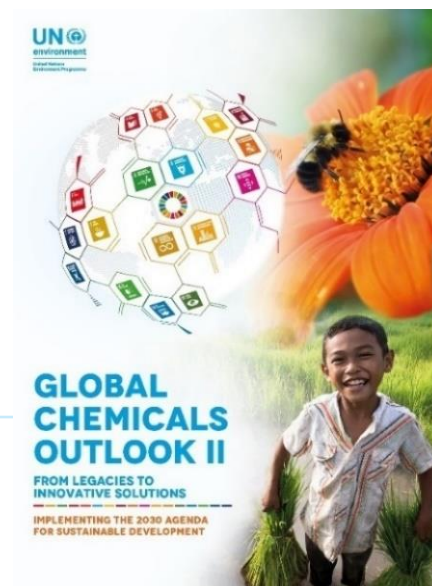
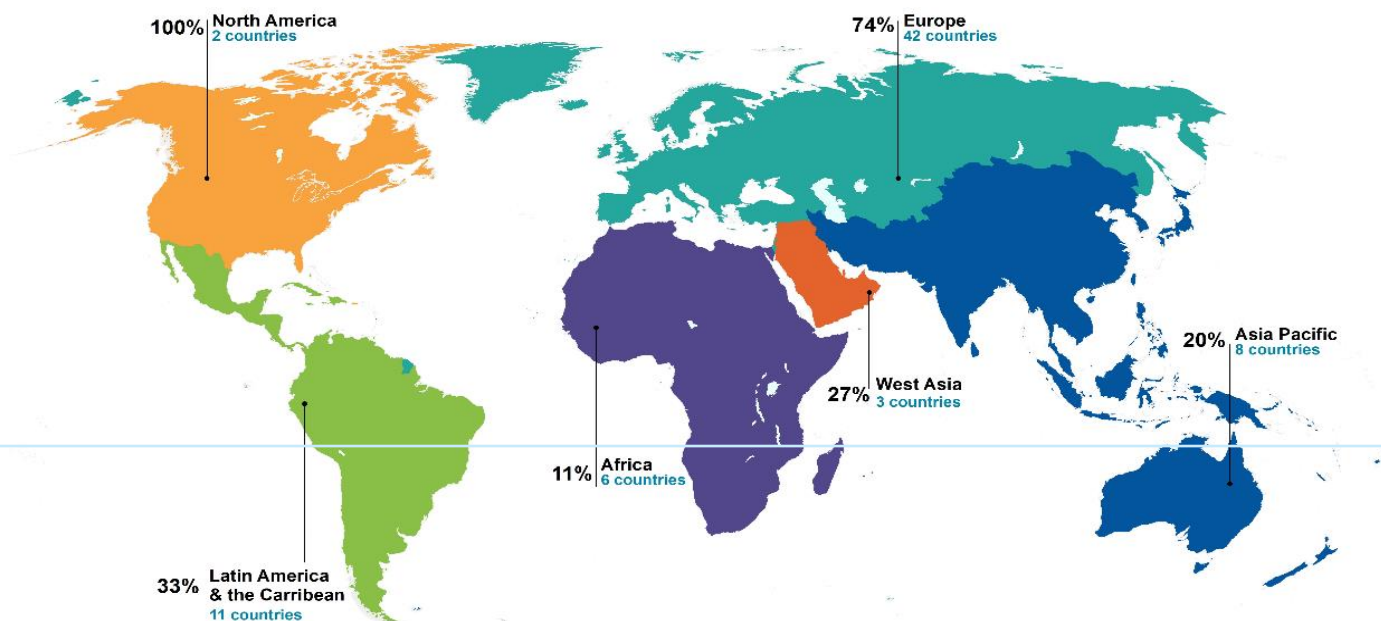


(\*) Includes multiyear contributions beyond 2019

# SP5 EA(a) Chemicals 2018 - 2019 Key Results

## From Science to Policy to Action

- Global Chemicals Outlook-II informing policy and stakeholder action
- Development of an ambitious 'Beyond 2020' framework to better manage chemicals risk
- Support to chemicals and waste conventions:
  - partnerships (e.g. 13 new global Lead Paint Alliance partners)
  - technical assistance/capacity building
  - resource mobilization to support countries



# SP5 EA(a) Chemicals 2018 - 2019 Key Results

## Strengthening the Environment and Health Nexus

- Understanding the role of environment in preventing health threats e.g. air quality
- Implementation plan 'Towards a pollution-free planet' fully embedded in the environment and health nexus by focusing on pollution of air, water and land
- Two persistent organic pollutants (POPs) added to the Stockholm Convention
- Awareness raised about antimicrobial resistance in Asia and the Pacific together with WHO, FAO and the World Organization for Animal Health (OIE)





# SP5 EA(a) Waste 2018 - 2019 Key Results

## Supporting countries developing waste management strategies

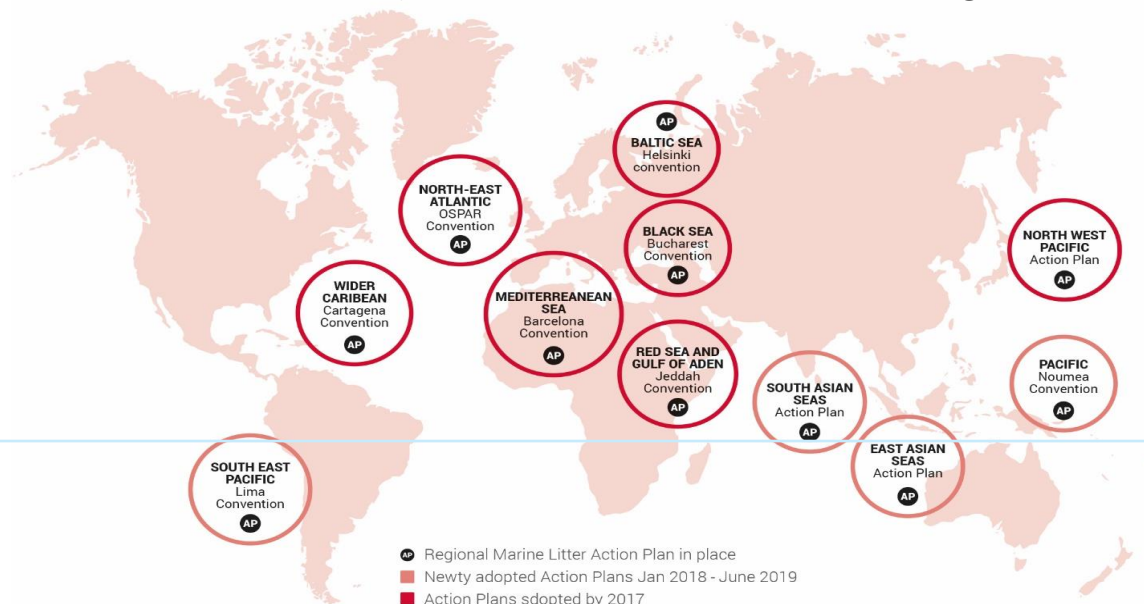
- 3 Regional Waste Management Outlook to inform strategies (Africa, LAC, SIDS)
- 15 governments addressed priority waste issues using tools and methodologies provided by UNEP
  - Kyrgyzstan: Inventory of dumps & landfills, updating of waste management regulations
  - Indonesia: Draft National Plastic Waste Reduction Plan to accelerate the reduction of plastic waste generation and increase plastic waste recycling
- Increased focus on capacities and actions in response to asks from UNEA:
  - UNEA 4/9 Addressing single-use plastic products pollution
  - UNEA 4/8 Sound management of chemicals and waste
  - UNEA 4/7 Environmentally sound management of waste



# SP5 EA(a) Waste 2018 - 2019 Key Results

## Combatting marine litter and microplastics

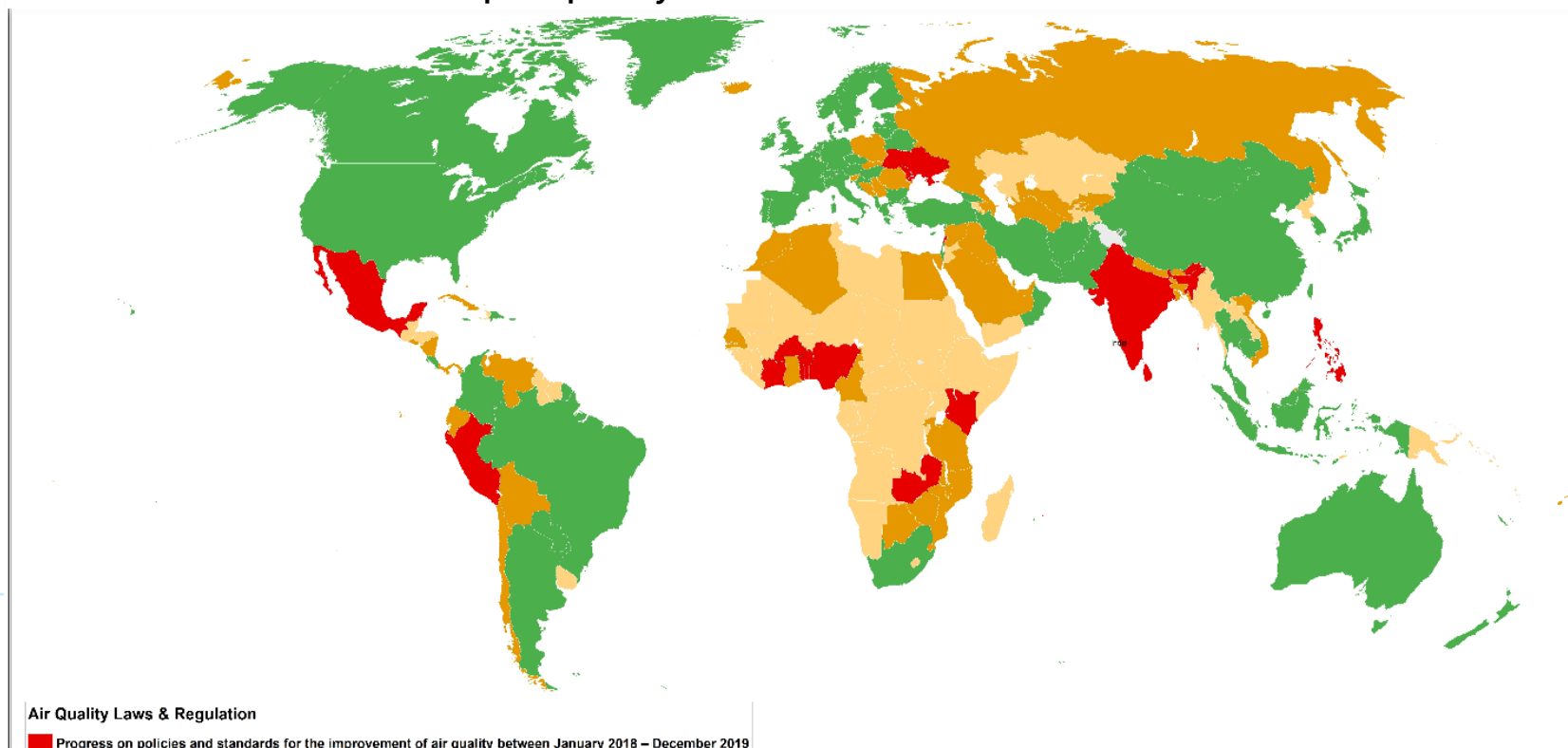
- Source inventories, life cycle approaches, risk assessment, knowledge sharing
- UNEA4: Adoption of fourth resolution on marine plastic litter and microplastics
- Basel amendments for plastics and Plastic Waste Partnership established
- Five regions adopted marine litter action plans during the reporting period
- Number of countries that joined Clean Seas campaign rose to 60



# SP5 EA(a) Air Quality 2018 - 2019 Key Results

## Towards a Pollution-free planet: Tackling air pollution

- Supporting air quality monitoring and assessment in partnership with others
- Policy and technology support on air quality management to 16 countries
  - development of Air Quality Action Plans, vehicle emissions/fuel standards and labels, non-motorized transport policy



# SP5 EA(a) Air Quality 2018 - 2019 Key Results

## Better air for better health – Policy support and advocacy

- Promotion of low- and no-emission mobility with WHO and UN-Habitat
- Nine more cities joined the BreatheLife campaign during World Environment Day 2019 bringing the total number of partners of this joint initiative to 76





# Challenges and Lessons Learnt

## Accelerating action

- Keeping momentum for the Beyond 2020 framework and strategic approach
- Strengthening global, regional and national cooperation in support of countries
- Effectively identify and respond to global chemicals, waste and air quality priorities





# Thank you

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# Resource Efficiency

## 2018 - 2019 Subprogramme Performance

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Expected Accomplishment A

### Enabling Policy Environment

- Green Economy Research, Modelling, Advisory
- Partnership for Action on Green Economy
- One Planet Network
- Sustainable Consumption and Production (incl. regional programmes)
- Environment and Trade
- Resource Efficient Cities

Expected Accomplishment B

### Sectors and Supply

- Green and Sustainable Finance: UNEP-FI
- Circular Economy and Value Chains
- Sustainability Reporting
- Eco-innovation
- Cleaner Production
- Sustainable Tourism
- Buildings & Construction
- Sustainable Food Systems
- Minerals & Extractives

Expected Accomplishment C

### Lifestyles and Consumption

- Sustainable Lifestyles and Education
- Food Waste
- Sustainability Campaigns
- Consumer Information & Eco-labeling
- Sustainable Public Procurement
- Behavioural Change

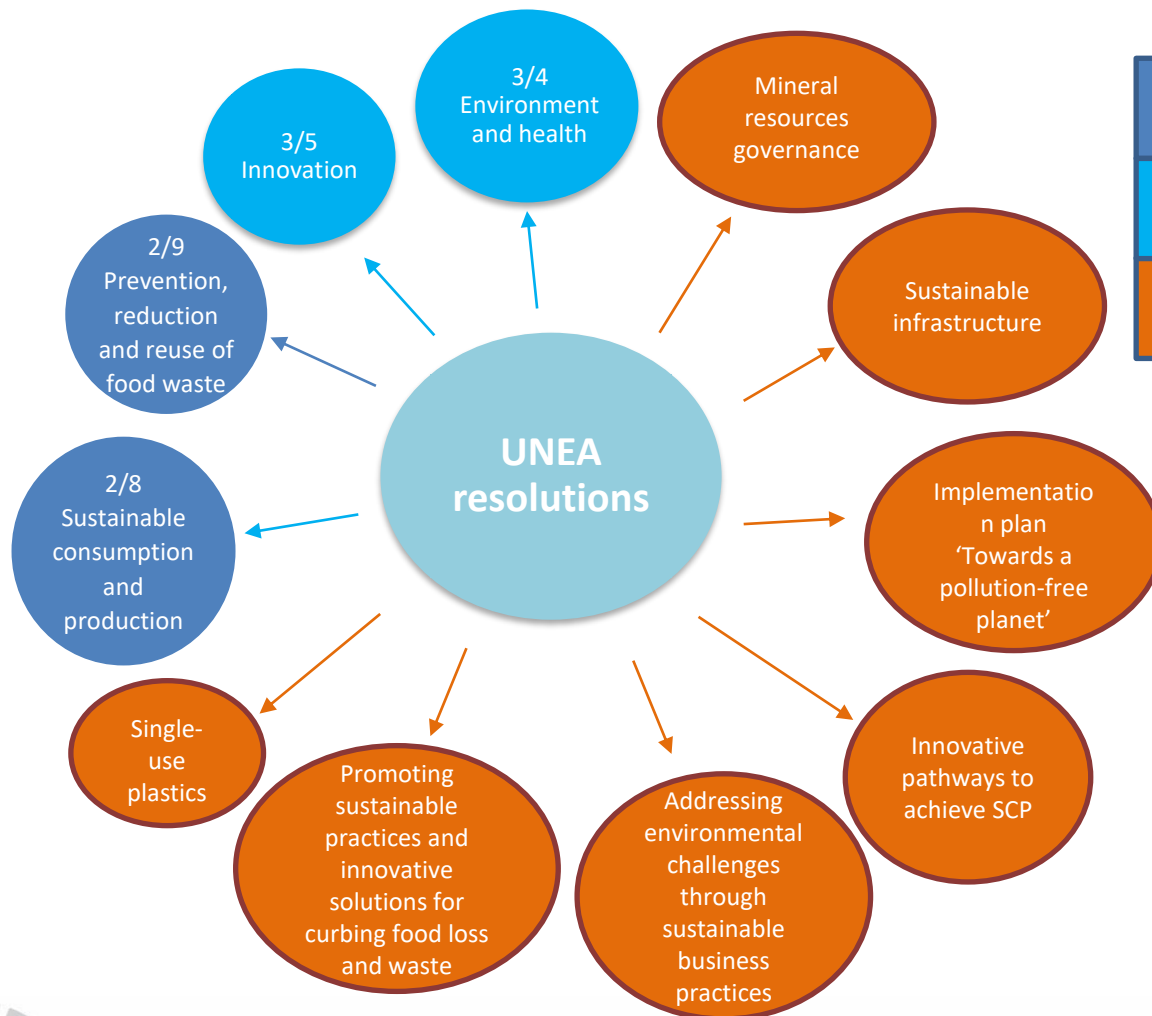
### Science-Policy Interface:

**International Resource Panel – Green Growth Knowledge Platform – Life Cycle Initiative  
UNEA-4 IRP/OPN task group on catalyzing science-based-policy action on SCP**

- Science-policy interface
- LCA in associated agendas
- Eco-innovation and value retention processes
- Circular approaches in sectors such as plastics, textile, construction and food

- Measurement tools to reduce Food waste
- Mechanisms to support micro and SMEs on good practices
- Product design, labelling and Consumer Information and SPP
- Integrated approaches to sustainable and nature-based infrastructure

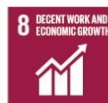
- Online hub of info on Sustainable Infrastructure
- Improved governance of mineral resource use and sharing of good practices



UNEA 2  
Resolutions

UNEA 3  
Resolutions

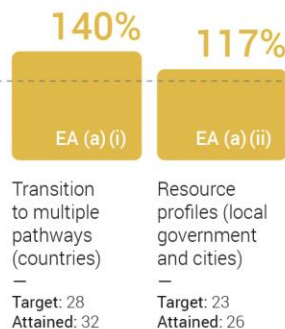
UNEA 4  
Resolutions





**2018-2019  
Subprogramme  
Indicator  
Performance**

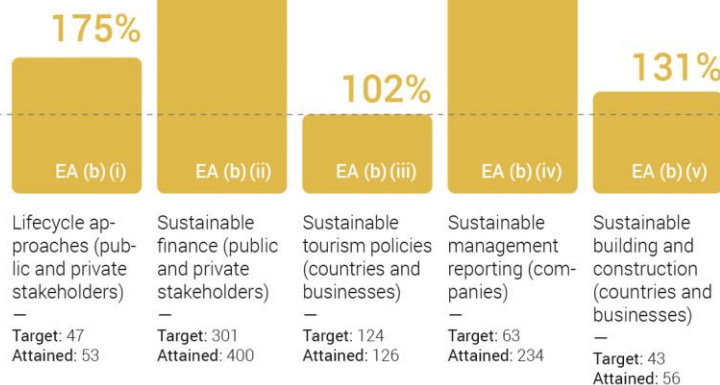
**ENABLING  
POLICY  
ENVIRONMENT**



100% attained  
60-90% partially attained  
below 60% not attained

■ attained

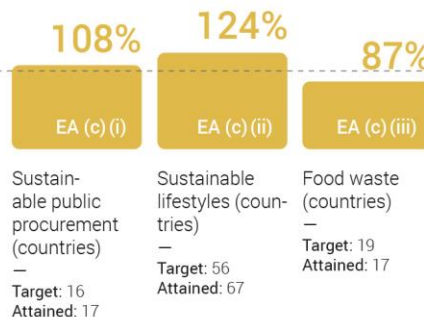
**SECTORS  
AND SUPPLY**



100% attained  
60-90% partially attained  
below 60% not attained

■ attained

**SUSTAINABLE  
LIFESTYLES AND  
CONSUMPTION**

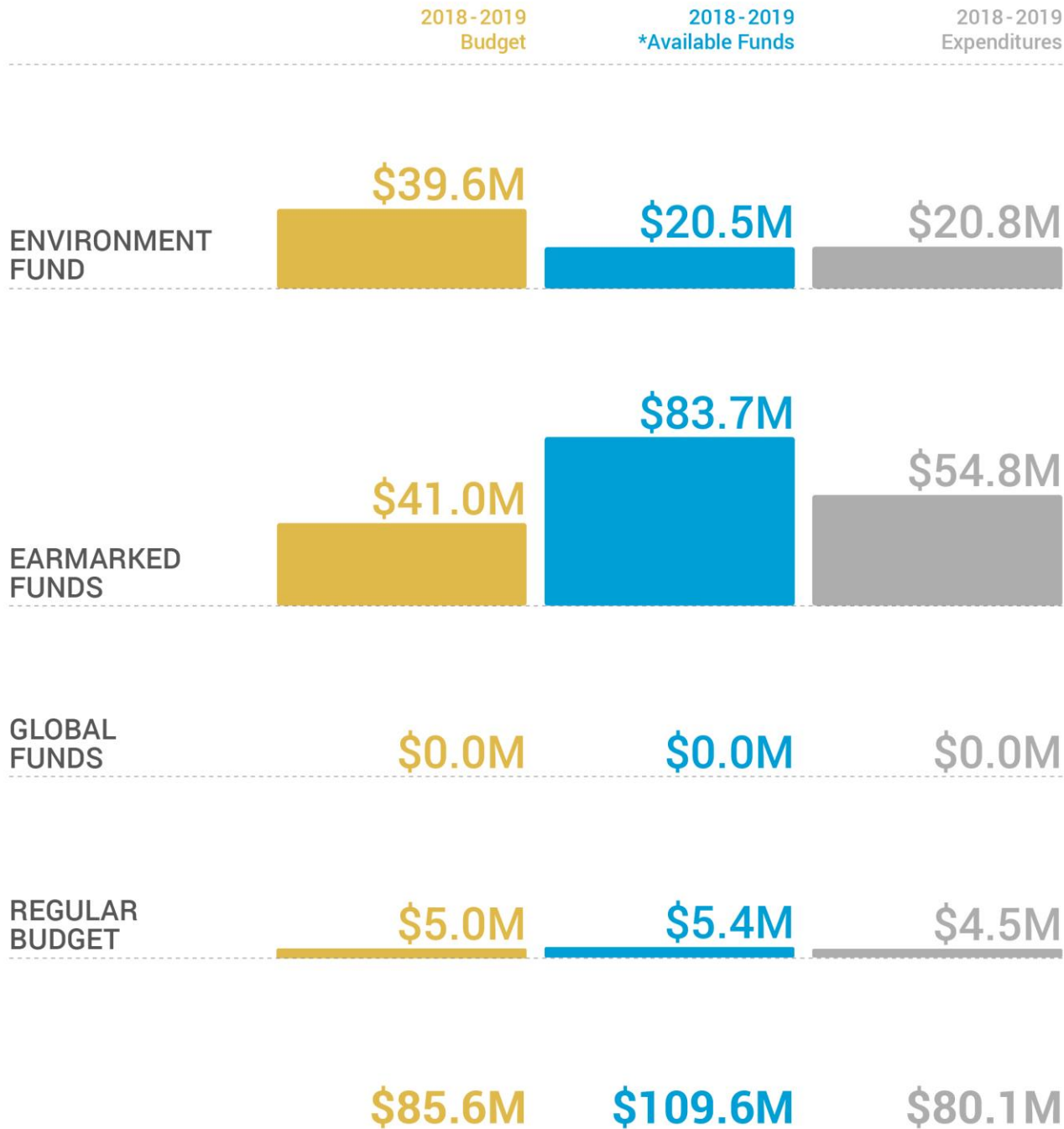


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below 60% not attained

■ partially attained



# Financial Overview



## Expected Accomplishment A 2018 - 2019 Key Results Highlights

### Science to Policy to Action

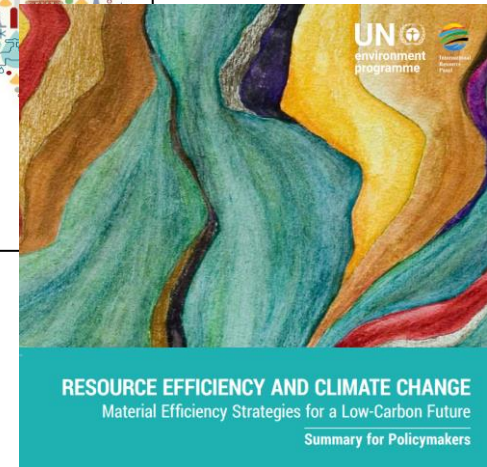
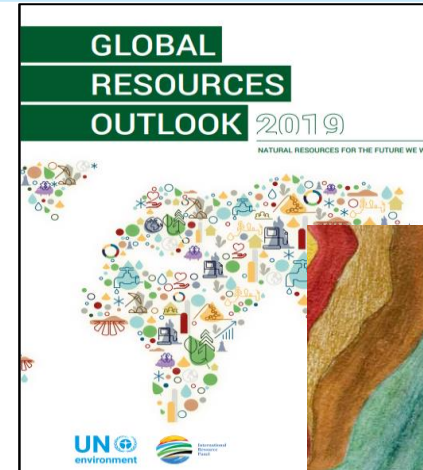
- **International Resource Panel** informing policy and stakeholder action.
- **Catalyzing science-based-policy action on SCP** (IRP-OPN Task Group)

### Outreach & Advocacy



2019  
MINISTERIAL  
CONFERENCE  
**PAGE** PARTNERSHIP FOR ACTION  
ON GREEN ECONOMY

Camp One Planet: SCP Lives Here



### Strengthening Capacity

- **Policy uptake and application** of tools and methodologies (SCP, Green Economy and Trade).
- **Knowledge and data** to change policies and practices.
- **Subnational** resource profiles measurement and reporting on sustainable management of resources.



# Sectors and Supply

## Expected Accomplishment B

### 2018 - 2019 Key Results Highlights

#### Science to Policy to Action

- The **New Plastics Economy Global Commitment** developed using life cycle approach.
- SCP Hotspot Analysis Tool (SCP-HAT) informing **policy and planning**.

#### Outreach & Advocacy

- 2018 UNEP-FI Global Roundtable -- **1000+ delegates** and **140+ speakers** from **47 countries**
- 2019 FI Regional Roundtables -- **2000+ members** and sustainable finance practitioners in **5 regions**.
- **Central Banks and Supervisors Network for Greening the Financial System** -- 54 members

#### Strengthening Capacity

- Sustainable production and management practices in **supply chains** in various sectors.



# Sustainable Lifestyles and Consumption

## Expected Accomplishment C

### 2018 - 2019 Key Results Highlights

#### Science to Policy to Action

- **Sustainable Public Procurement** and circular economy.
- **Food Systems** Transformation.

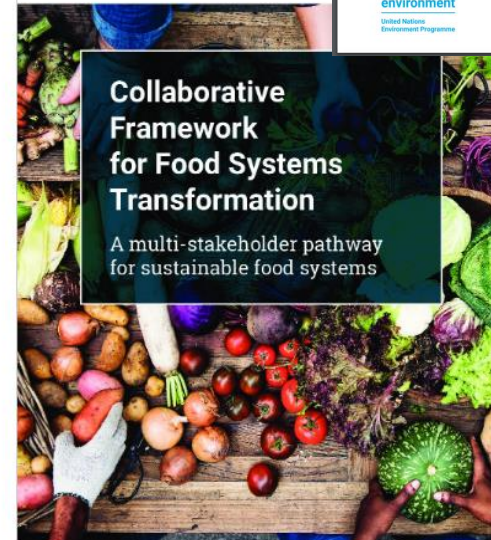
#### Outreach & Advocacy

- Sustainable Living campaigns – **Anatomy of Action & Take Action Challenge** (5 million audience/30 influencers/60 partners/40 countries)
- Consumer Information
- UN Alliance for **Sustainable Fashion**

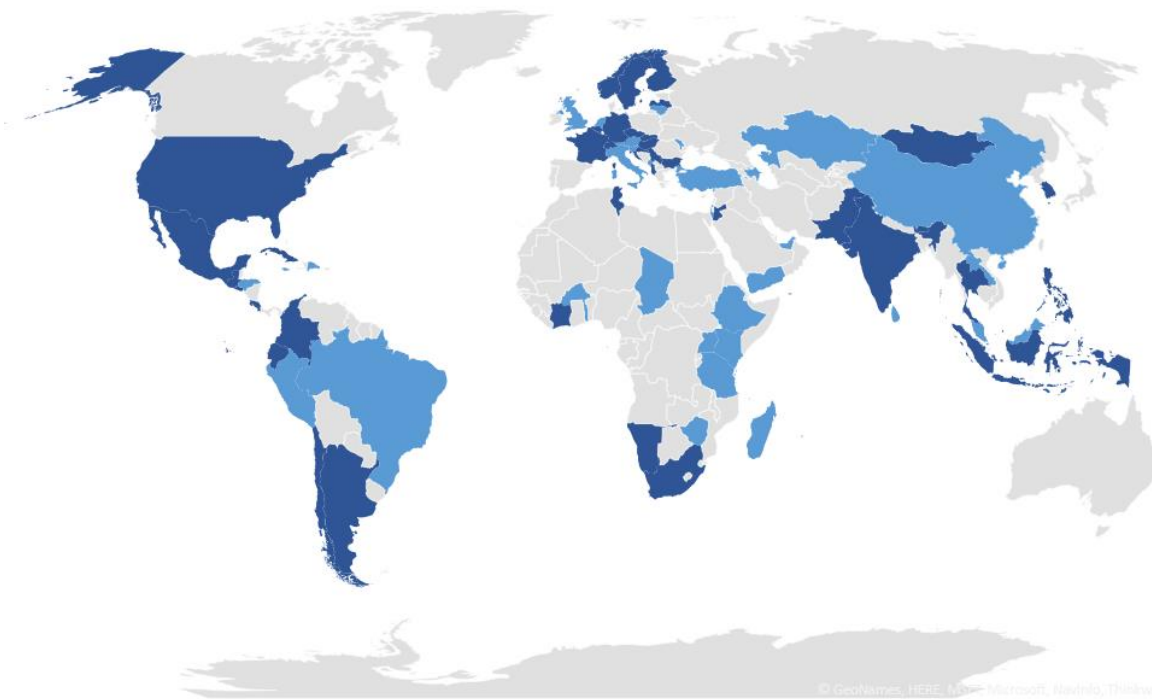
#### Strengthening Capacity

Policy support enabled :

- 13 countries and cities implementing **SPP** policies.
- 13 countries measuring national **food waste**.



- **Danger of inaction**
- **Lack of funding** to work in countries to mainstream SCP
- **One Planet Network** – The UN mechanism to implement SCP
- **Game changer:** ‘Default’ SCP-compatible policies/financing/investment (public and private)



■ 2019 cycle ■ 2017 pilot

Countries reporting on SCP to HLPF 2017 and 2019



**One planet**  
handle with care

**646** network partners  
**134** National Focal Points



Sustainable  
Food Systems



Consumer  
Information



Sustainable  
Lifestyles and  
Education



Sustainable  
Tourism



Sustainable  
Buildings and  
Construction



Sustainable  
Public  
Procurement



Resource  
Efficiency



# Thank you

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**SP5 – Chemicals, Waste & Air Quality**



**SP6 – Resource Efficiency**

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**Combined Q & A**

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# Resilience to Disasters and Conflicts Programme Performance Report 2018 - 2019

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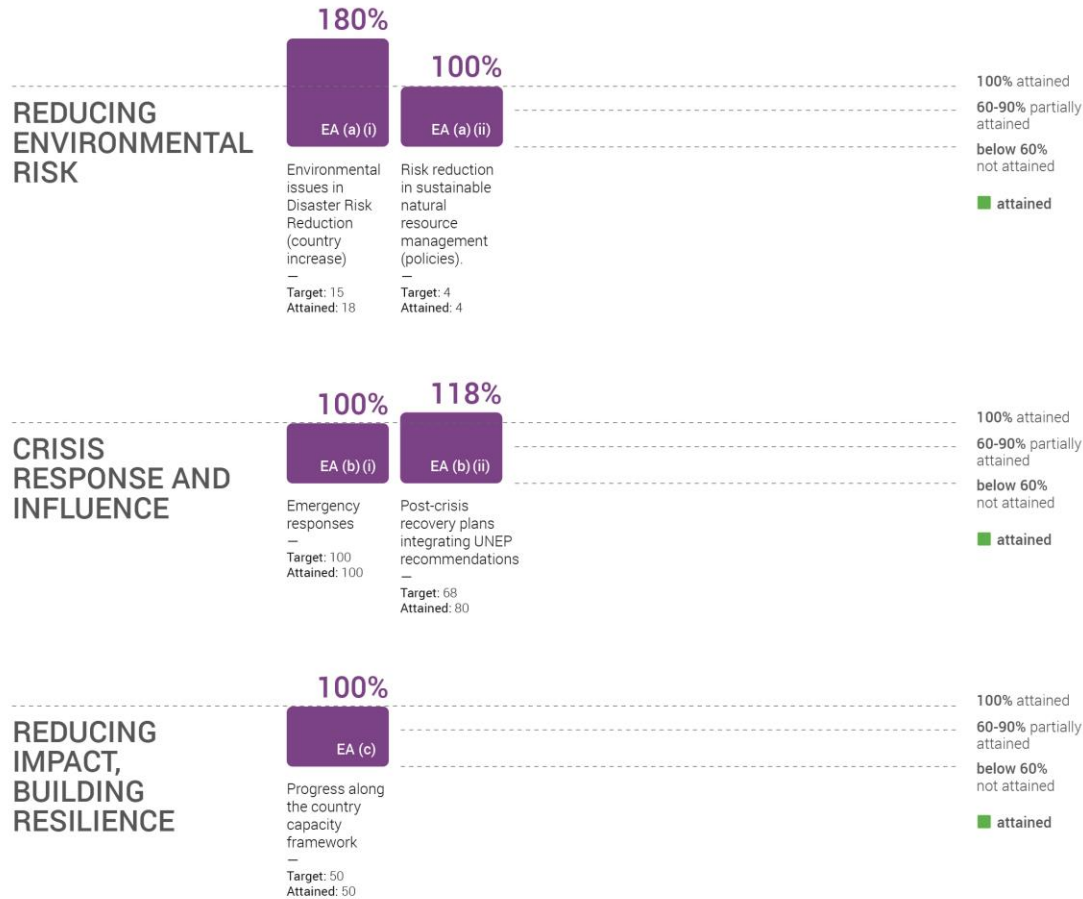


# SP 2 - Introduction



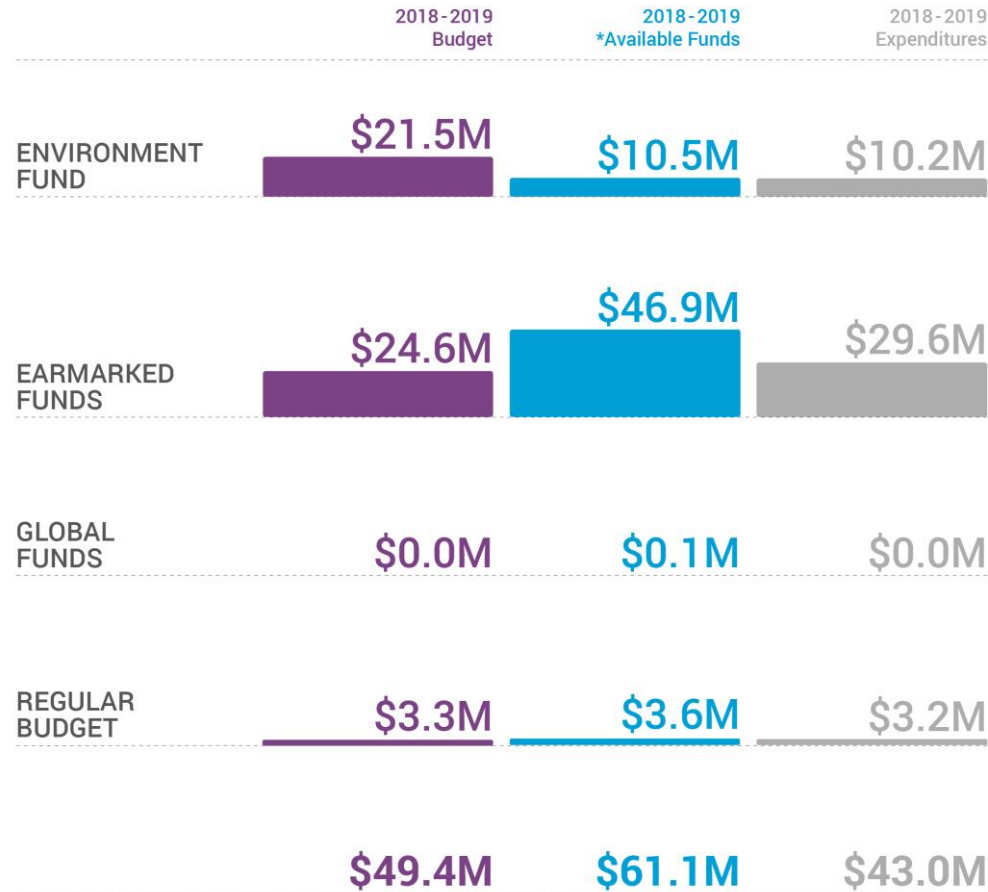


# SP 2 - Indicator performance





# SP 2 – Budget performance



(\*) Includes multiyear contributions beyond 2019

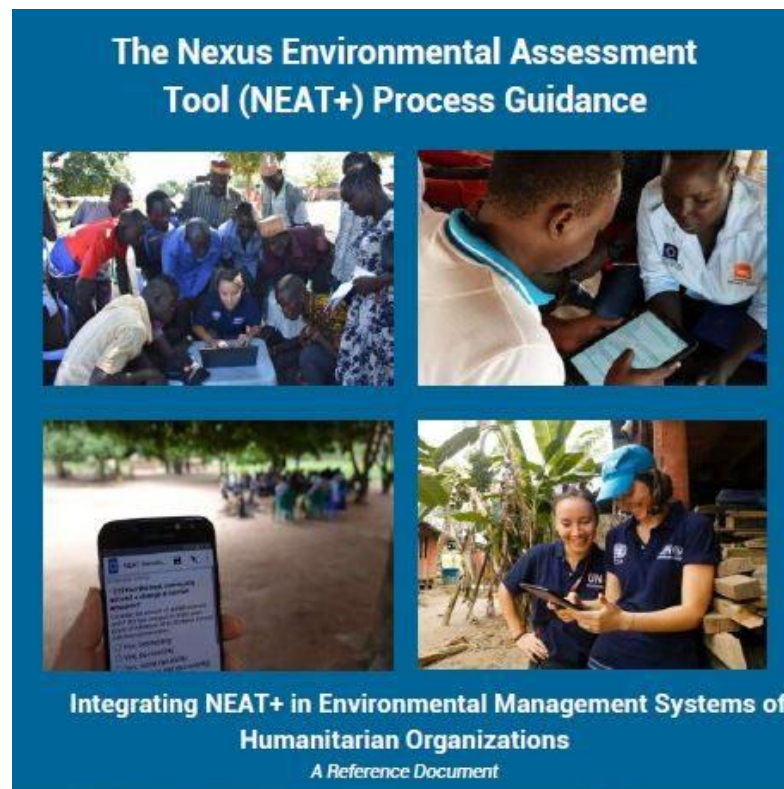
# SP 2 EA A

## 2018 - 2019 Key Results



### Risk Reduction:

- UNEP supported 17 countries in reducing the risks of disasters, industrial accidents and conflicts.
- Conflict and disaster risk assessments, guidance on policy and best practices, training and capacity building and preparedness, ecosystem-based disaster risk reduction.





# SP 2 EA B

## 2018 - 2019 Key Results



### Response:

- Earthquake in Papua New Guinea
- Oil spill and dam risk in Colombia
- Flooding in Nigeria
- Flooding in Kerala, India
- Grounding of tanker in Solomon Islands
- Cyclone in Mozambique
- Hurricane in The Bahamas



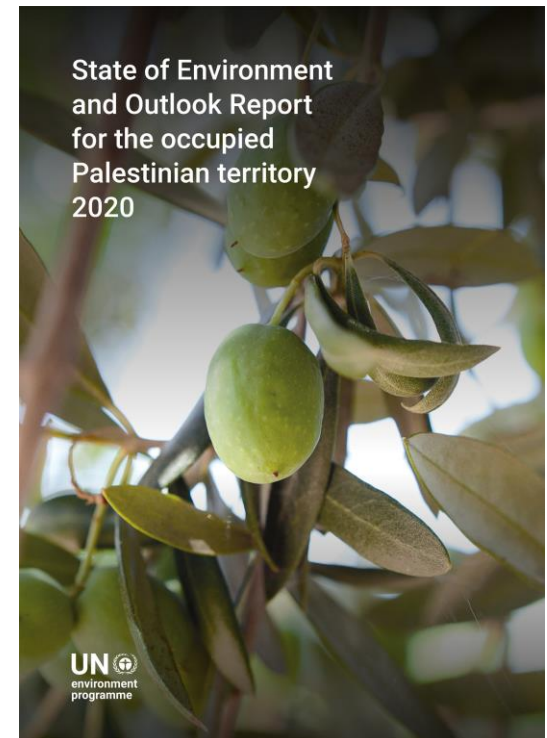
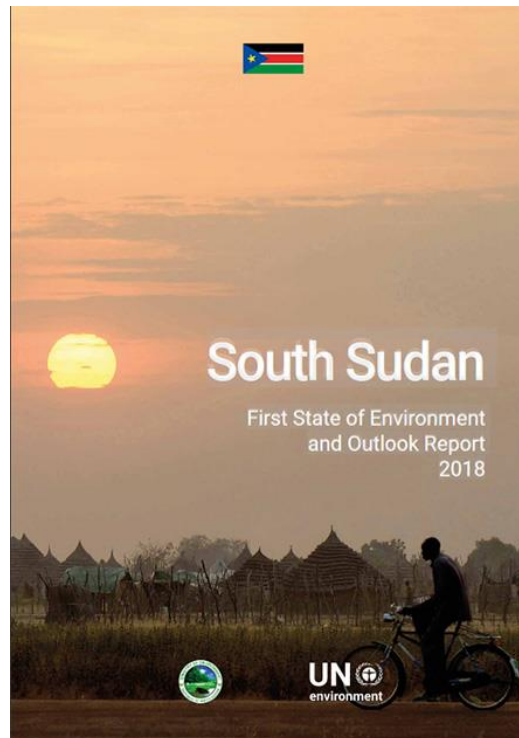
# SP 2 EA C

## 2018 - 2019 Key Results



### Recovery:

- State of the environment report for South Sudan.
- Assessments for Somalia and Palestine.
- Strengthening of policy in Sudan, Afghanistan and Haiti.



# Challenges and Lessons Learned



- Improving responsiveness
- Seeking greater policy and programmatic impact in the field
- Enhanced oversight in challenging operational contexts



**UN**   
**environment  
programme**

**Thank you**

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[www.unep.org](http://www.unep.org)



# Environmental Governance Programme Performance Report 2018 - 2019

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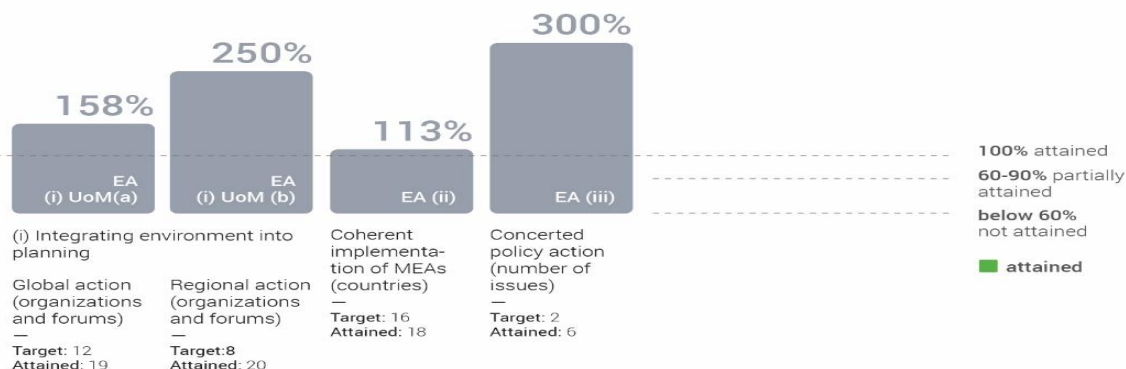
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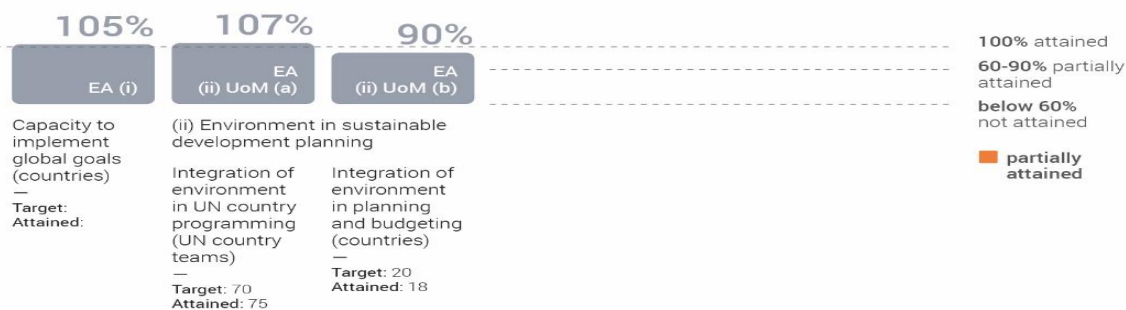
# PoW 2018-2019

## SP 1/2/3/4/5/6/7 - Indicator performance

### POLICY COHERENCE & SDGS

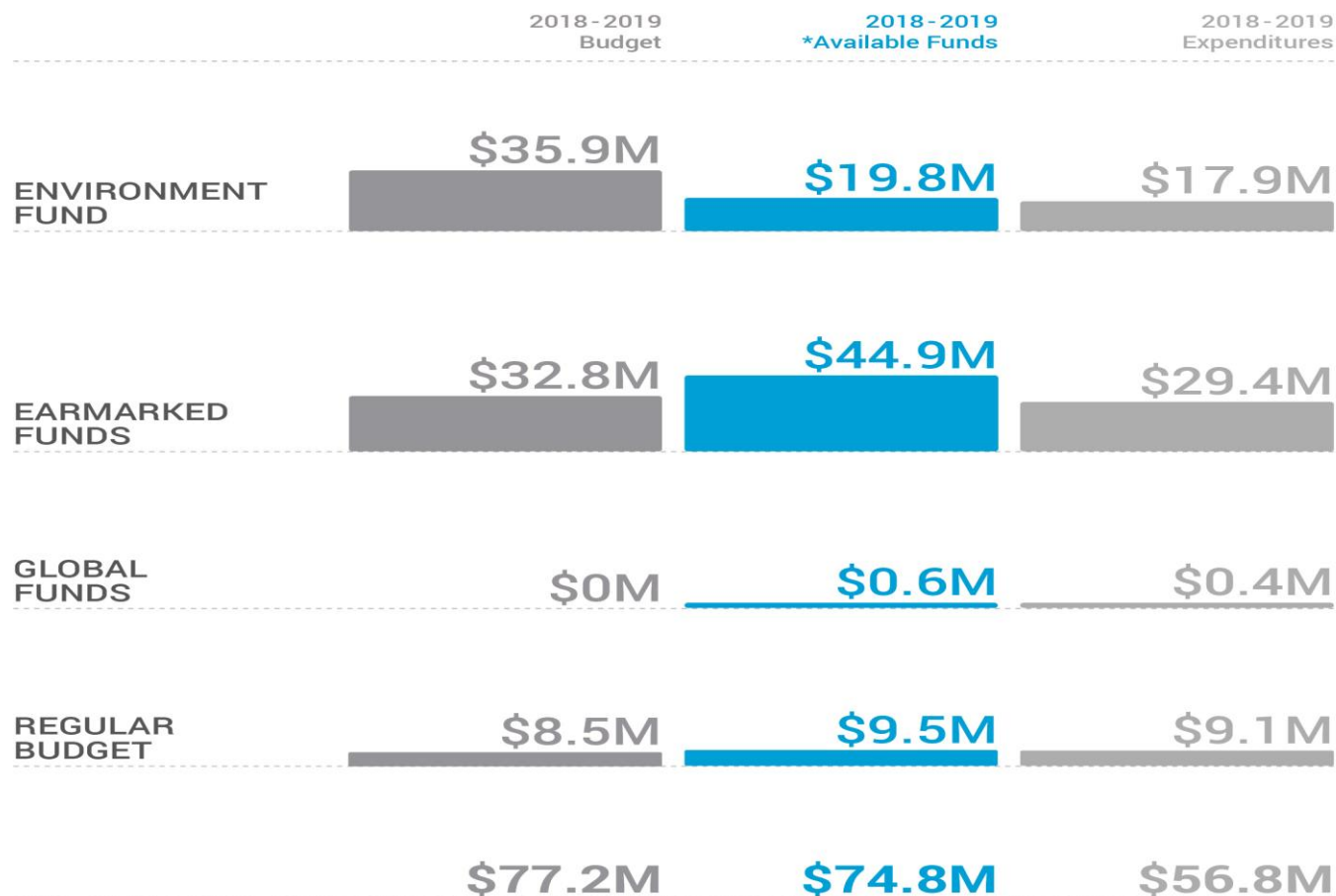


### LEGAL & INSTITUTIONAL FRAMEWORKS





## Financial Overview 2018/2019



(\*) Includes multiyear contributions beyond 2019

# SP 4 EA A

## 2018 – 2019 Key Results

### System Wide Coherence



E Waste coalition, Sand and Dust Storms, Post 2020 Framework Coordination

Strategy for Sustainability Management in the UN System, Harmonized United Nations-wide sustainable procurement indicators, UN Office in Geneva adopted their Environmental Policy

2018: Human Rights Council (HRC) Resolution: Human Rights and the Environment

2019: HRC Resolution Recognizing the contribution of environmental human rights defenders to the enjoyment of human rights, environmental protection and sustainable development

# SP 4 EA (A)

## 2018 –2019 Key Results

### Global and Regional Interagency Forums



- Outreach to the UN Resident Coordinator (UNRC) system
- Regional ministerial for a resulting in: **Buenos Aires & Nairobi Declarations**
- **Escazú Agreement**
- Regional Economic Commissions Support HLPF through consensus on emerging issues, capacity building and SDG Issue briefs



# SP 4 EA (B)

## 2018 –2019 Key Results

### MEAs and International Instruments



**Global Pact:** Ad hoc Open-ended Working Group Concluded its work on 22 May 2019. Recommendations to be considered at UNEA 5

**Montevideo Programme:** Model Law on Lead Paint; Roadmap to Montevideo Programme V starting in 2020

**MEAs implementation:** Myanmar, Lao People's Democratic Republic, Solomon Islands, Burkina Faso, Marshall islands and Cook Islands take action to strengthen synergies with a focus on biodiversity, 2 UNCCD National Action Programmes from Tunisia and South Africa

**Pacific Island Countries and Territories:** Regional Environmental Impact Assessment Guidelines for Coastal Tourism Development

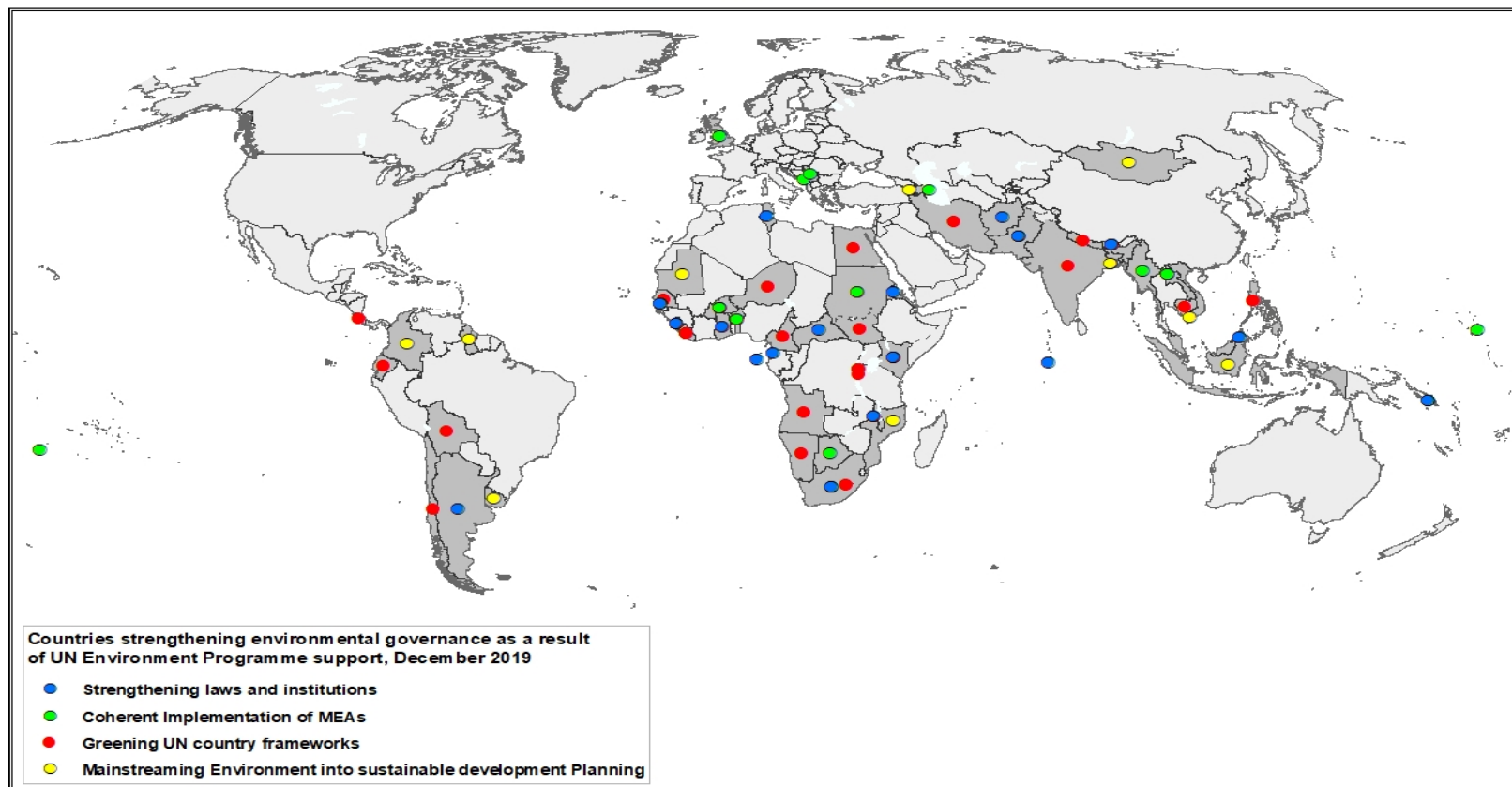
**Enhanced MEA cooperation through:** Data Reporting Tool, MEA Resolutions leading to increased synergies in the biodiversity synergies portfolio

# SP 4 EA (B)

## 2018 – 2019 Key Results

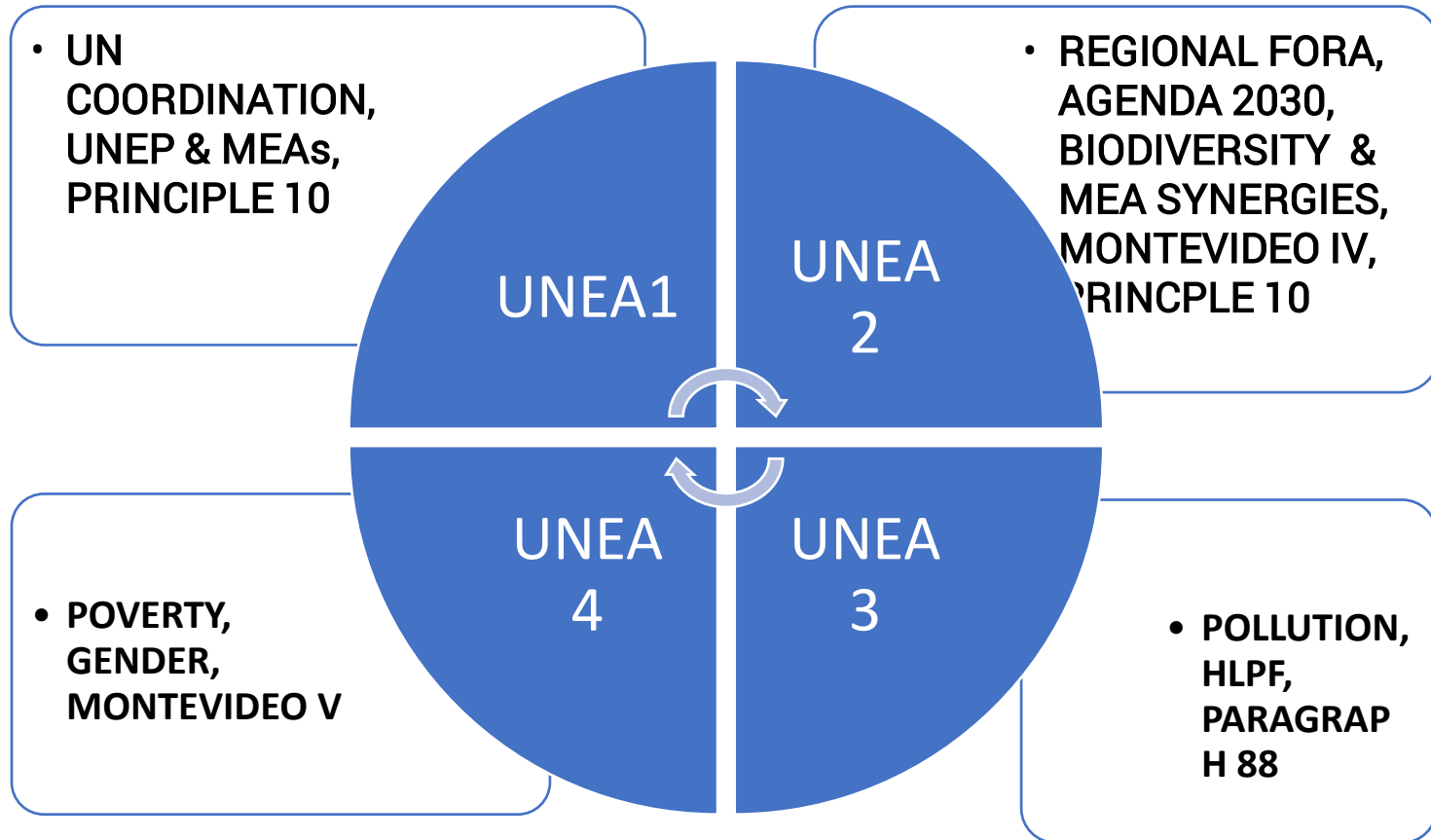
### UNEP Presence on Institutional Strengthening

Strengthening environmental governance





## Linkages to UNEA Resolutions



# Challenges and Risk Management

## Challenges

- Synergistic Implementation at National Level to promote an integrated approach in SDG implementation
- Integrating the UN Reforms into UNEP Strategic Planning e.g. MTS and POW development
- Leveraging of global governance processes: Kigali Amendment, Escazu Agreement, Montevideo V, the post 2020 biodiversity framework, climate finance, Amendment to the Basel Convention

## Risks

6 step process: **Identify, Analyze, Priortize, Ownership, Response and Monitoring**



Environmental  
governance

Thank you

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# Environment under Review Programme Performance Report 2018 - 2019

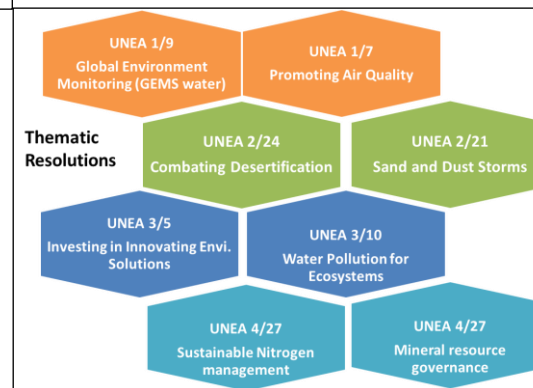
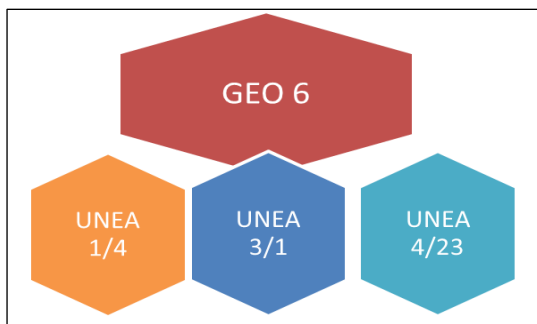
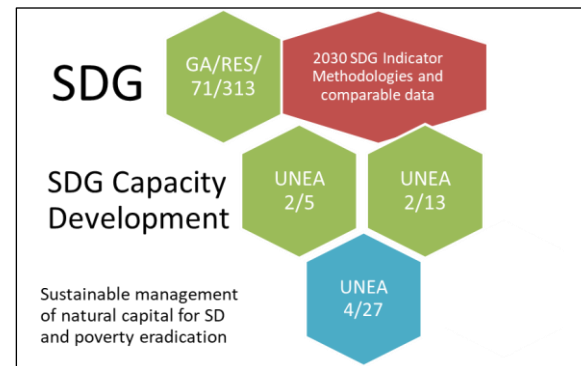
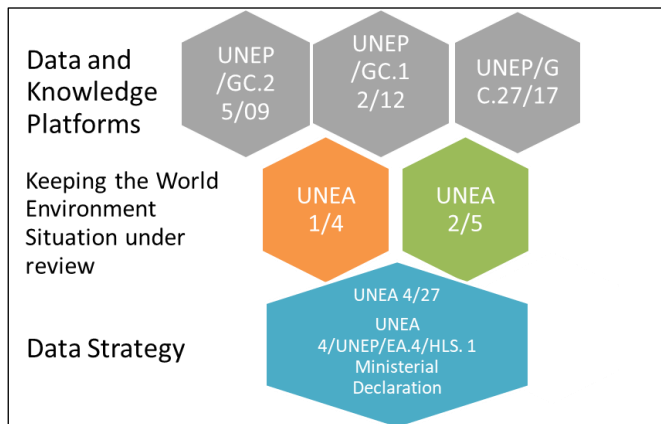
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# UNEA resolutions related to SP 7

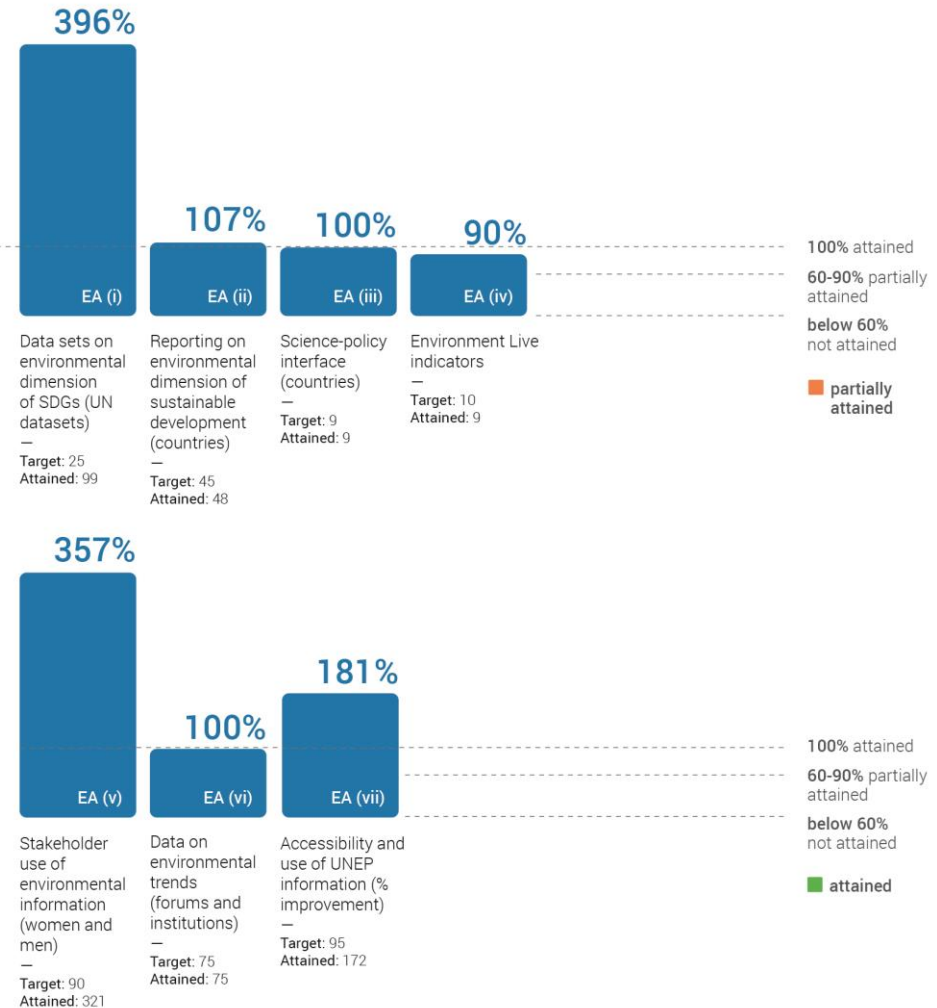




# SP7 Expected Accomplishment & Indicator Performance



EA 1: Governments and other stakeholders are empowered with quality assessments and open access to data and information to deliver the environmental dimension of sustainable development.



# SP 7 EA 1

## 2018 - 2019 Key Results

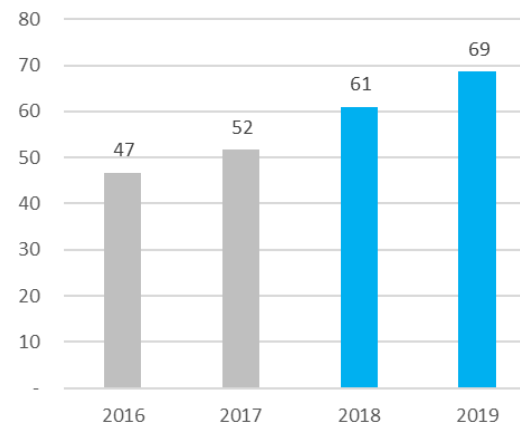


### *Capacity Building for Environmental Data and Information*

In the spirit of the ongoing UN reform, UNEP adopted a 'One-UN approach' for capacity-building activities on environmental SDG indicators in Central Asian countries and in the Russian Federation, linking with national UN processes supporting the countries' efforts to implement Agenda 2030, MEAs and national priorities



Growth in environmental SDG indicators reported by the 14 EECCA countries (average percentage of the 13 SDG indicators reported on in each year)



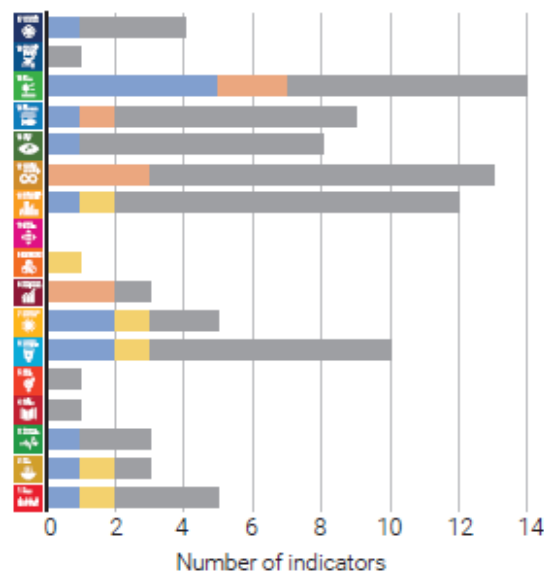
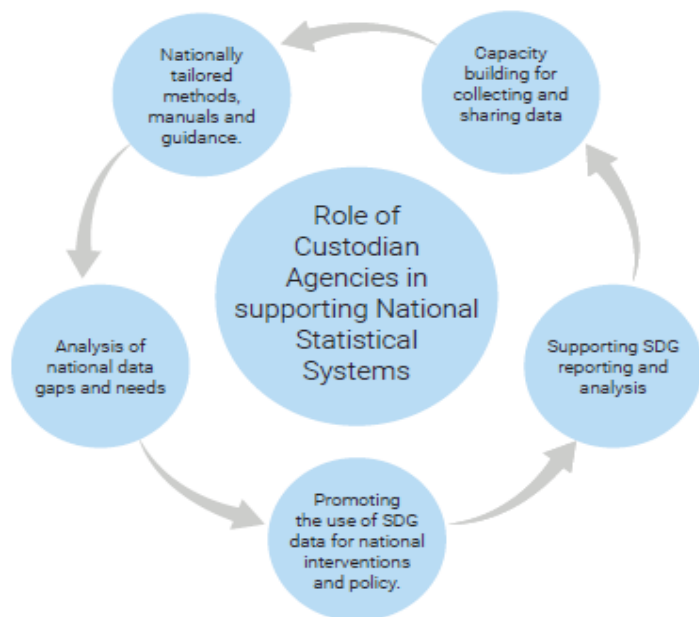
# SP 7 EA 1

## 2018 - 2019 Key Results



### *Monitoring Environmental Dimension of SDGs*

- Measuring progress: UNEP's role in promoting environmental analysis SDG
- UNEP developed methodologies for all 25 SDG indicators as its Custodian
- UNEP directly provides data and analysis for the High-Level Political Forum report on SDGs and for the global SDG database

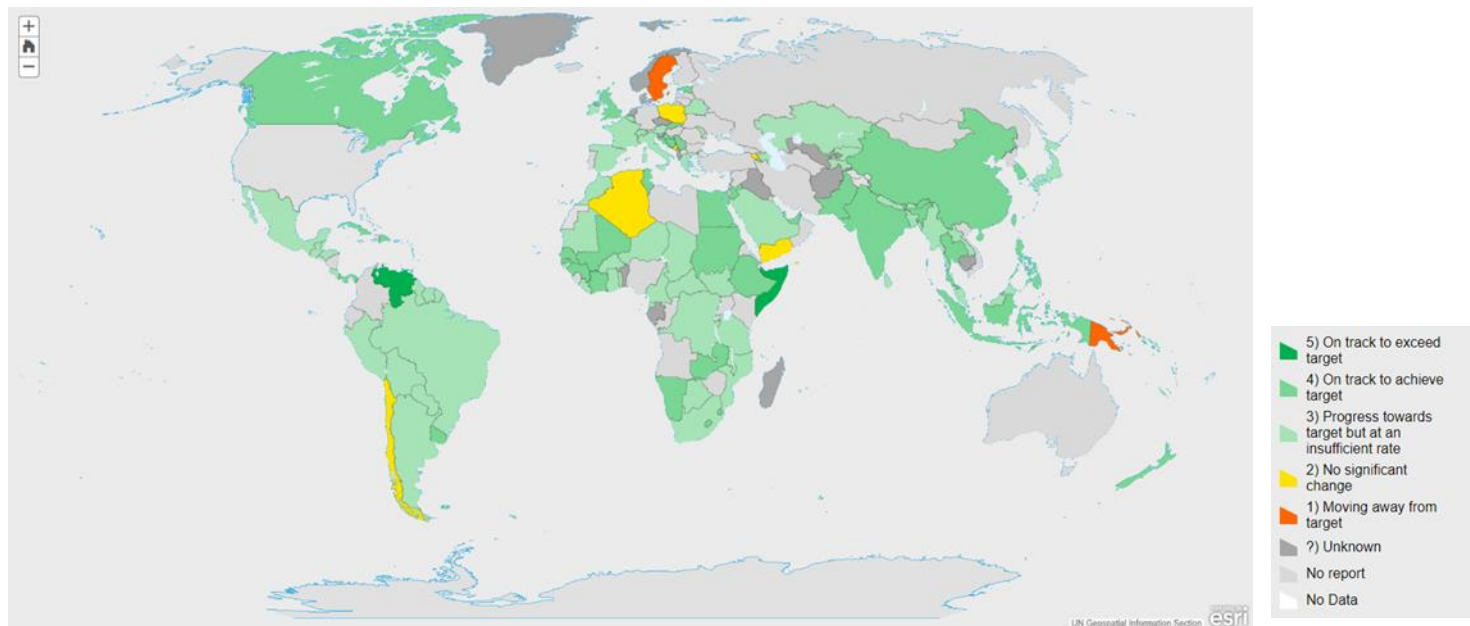


# SP 7 EA 1

## 2018 - 2019 Key Results



### ***SDG Progress***



Map of SDG Indicator 15.9.1a: Progress towards national targets established in accordance with Aichi Biodiversity Target 2 of the Strategic Plan for Biodiversity 2011-2020

# SP 7 EA 1

## 2018 - 2019 Key Results



### *Providing the Science to unlock Solutions*

#### 2018/2019 Highlights:

- Adaptation Gap Report
- Sixth **Global Environment Outlook**
- Manual for Integrated Environmental Assessments
- **Frontiers Report** 2019/19
- **Emission Gap Report** 2019
- Manuals for Monitoring and Assessment of Marine Litter and Micro-plastics

#### *Highlights Expected in 2020:*

- **Frontiers Report** – special issue on: **Zoonotic Diseases and COVID19** [updating and expanding the Frontiers 2016 edition on the same topic]
- First issue of new **Global Assessments Synthesis Report**
- GEO for Business, issue #1: *Transforming Business and Building Back Better in the post-COVID19 era*
- **Emission Gap Report 2020**





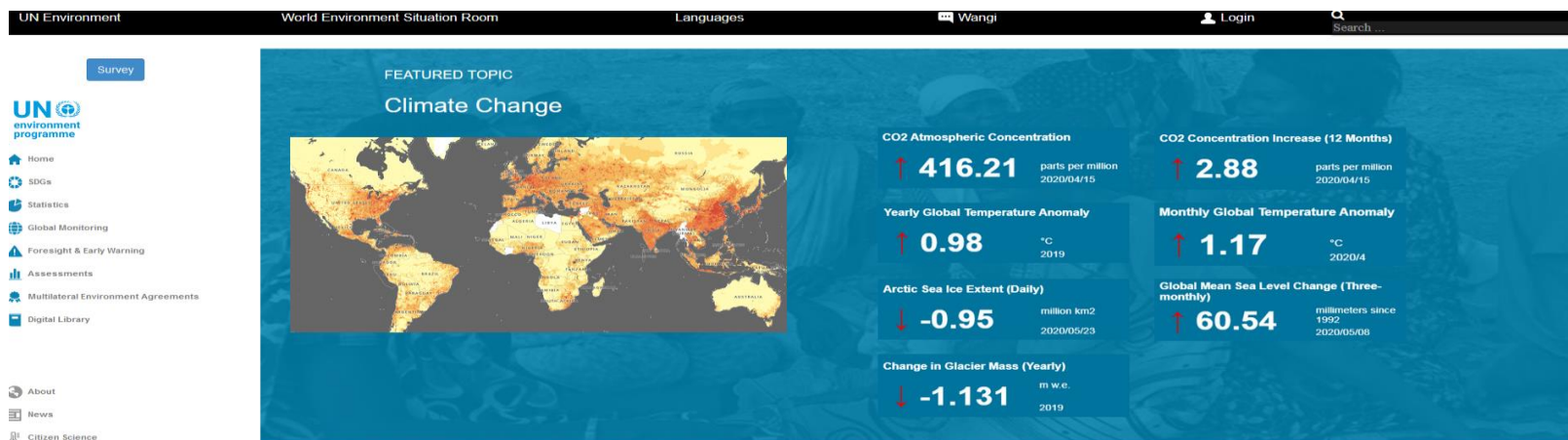
# SP 7 EA 1

## 2018 - 2019 Key Results



### *World Environment Situation Room*

- The plan is to have the situation room with at least 10 demonstration projects up and running for launch at the next United Nations Environment Assembly in 2021
- Currently, the Situation Room is a work in progress, data on biodiversity, pollution, disaster risk and climate change are already available.



Access WESR at <https://wesr.unep.org>

#### More Environmental Topics



Risk



Sustainable Consumption and production



Sustainable Development Goals



Technology



Environmental Topics



Oceans and seas



Pollution



Resource efficiency

# SP 7 EA 1

## 2018 - 2019 Key Results



### *Science Policy Business Forum*



Convene Science for Policy  
Action and Market Responses

- **Earth Innovation Forum** informed UNEA Bureau /Ministerial Declaration, Tallinn, Sep 2018
- **Expert Session on Digitization & Big Data**, Paris, Oct. 2018
- **UNEA-4 Edition**, 2000 participants, 48 expert sessions, Nairobi, March 2019
- **Joint SPBF-Group on Earth Observation Edition**, Canberra, Nov 2019
- **Technical Scoping Session** of SPBF Governing Consortium, Canberra, Nov 2019

Accelerate AI for Big Data  
Integration & SDGs Monitoring

- **Expert Working Group on Big Data & Digitization** to support Big Data Strategy/WESR
- **Pilot first Marine Litter AI driven Digital Platform** with IBM (WESR compatible)
- **Expert Paper on Big Data and Digital Ecosystem for the Environment**
- **Preparations to launch Institutional Procurement Digital Monitoring Tool**

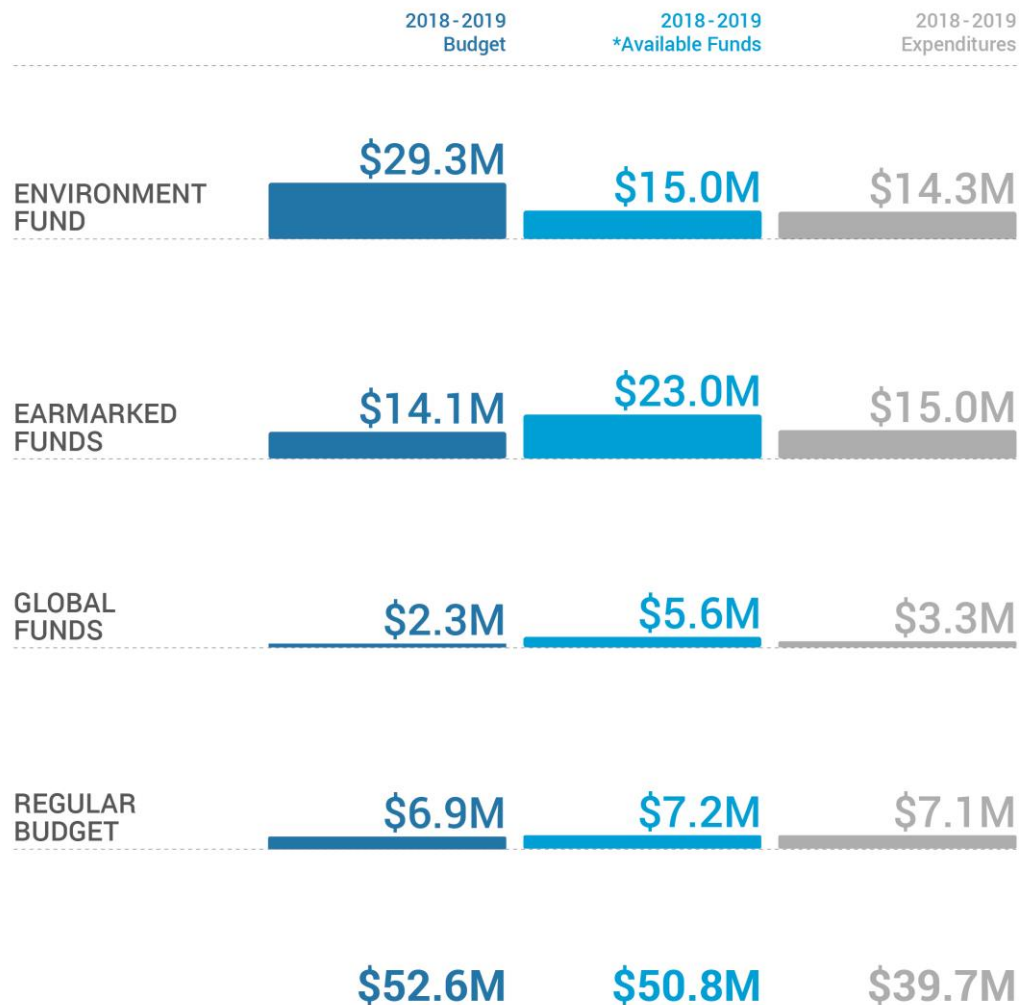
Unlock Innovation  
Leverage Partnership

- **3000+ Powerful Partners**, including top tech giants
- **Launched first Global Partnership on Citizen Science**
- **Launched Green Tech Startup Hub at UNEA 4** as Accelerator of green innovation by young entrepreneurs supported by IBM, Signify, International Copper, Alliance to Save Energy
- **Inclusivity Civil Society** constitute 40% of participation in 2019

Regional Cooperation / UN  
Reform

- **Start process to launch SPBF regional chapters** in Asia-Pacific and Africa, in cooperation with regional offices, regional ministerial fora – in context of UN Reform

# SP 7 Finance



(\*) Includes multiyear contributions beyond 2019

# Challenges and Risk management



## Data

- Data scarcity, availability and accessibility
- Data Capacity
- Data Standardization

## Sciences

- Assessments continue to be sectoral in nature
- Capacity in Sciences
- Coherent messaging and coordination of integrated assessments

## Policy

- In need of integrated policy planning and coherence
- Very minimal link between sciences, resolutions, policies, and action to impacts



# Lessons Learnt

- 1. Leverage better and scale up partnerships*
- 2. Gain more information from Citizen Science**
- 3. Implementing the 2030 Agenda should be**  
*linked to building capacities on monitoring*  
*including reporting*
- 4. Provide support for understanding the**  
interlinkages *between goals and targets*

# Thank you

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**UN**   
**environment  
programme**

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SP2 – Disasters and Conflict



SP4 – Environmental Governance



SP7 – Environment Under Review

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# Combined Q & A

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