

Briefing session - UNEP Environmental Management System

Environmental Sustainability

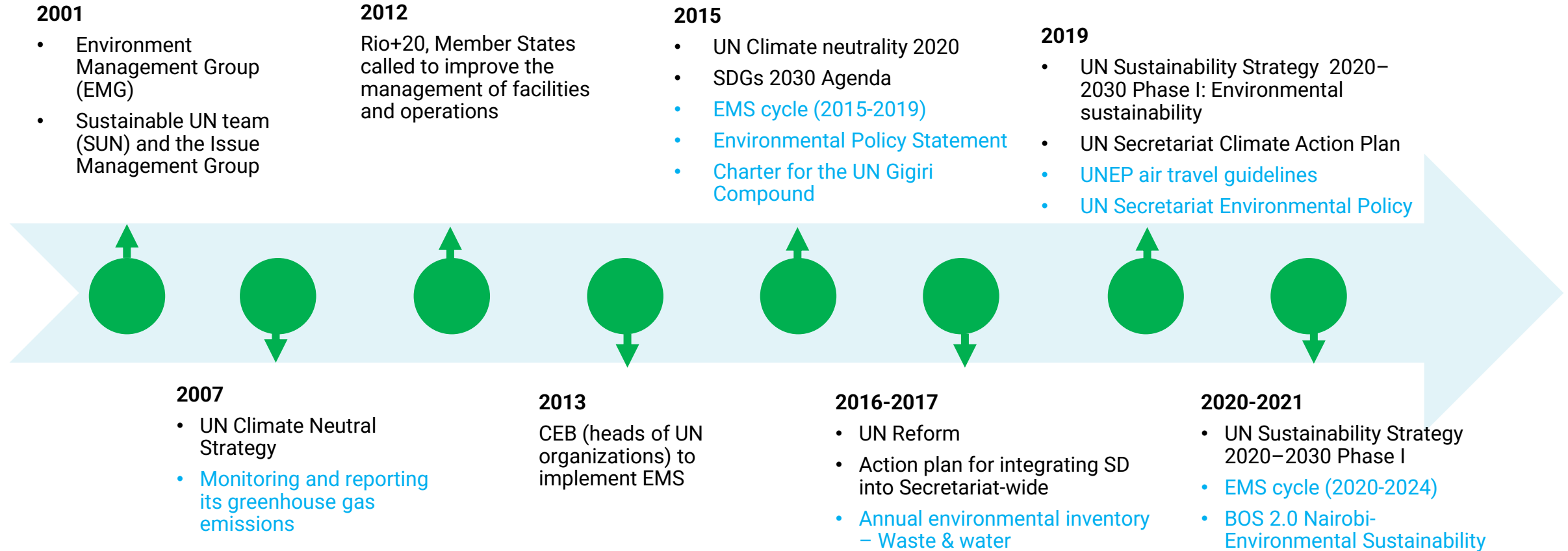
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12/October/2022

Agenda

- UNEP Environmental Management System (EMS) Overview
- Planning and Monitoring Environmental Aspects
- Examples of Initiatives
- Looking ahead

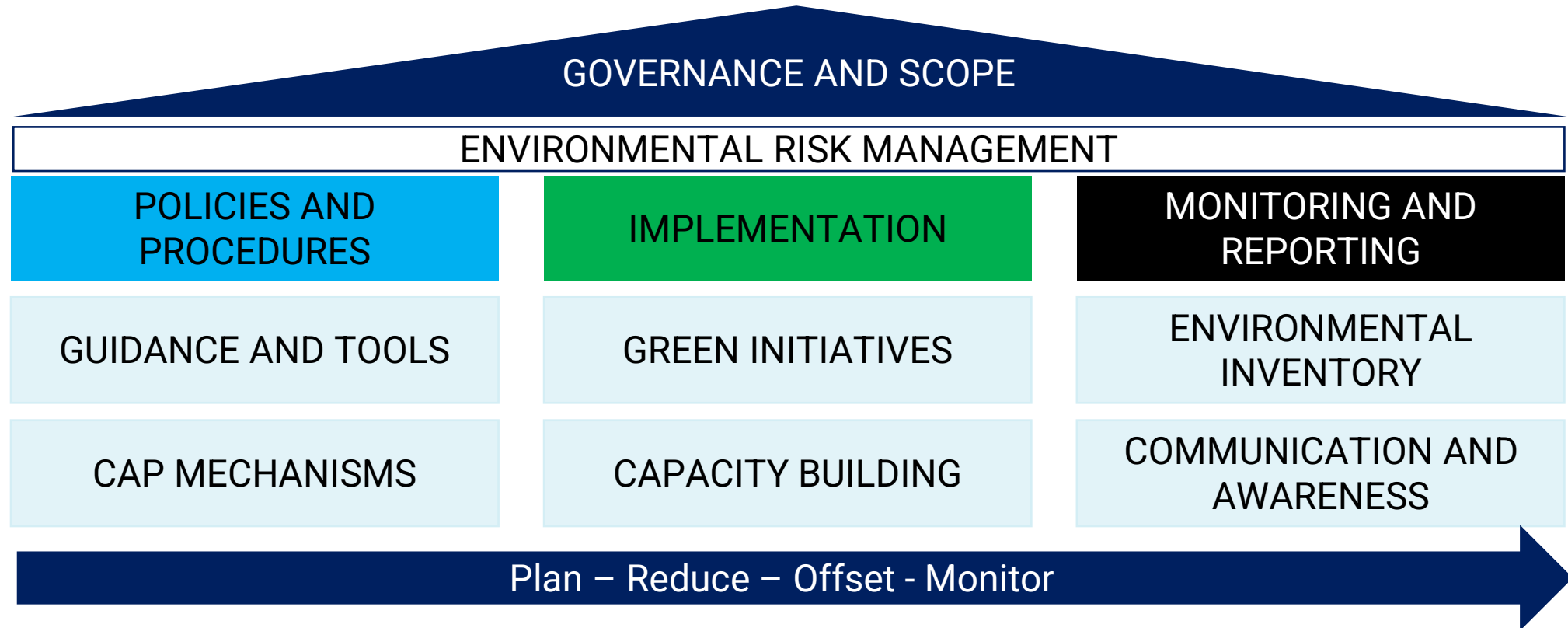
Environmental Sustainability Commitments

UN System and UNEP



UNEP Environmental Management System (EMS)

Approach to Environmental Management



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Governance and Scope



DEPUTY EXECUTIVE DIRECTOR (MANAGEMENT): Oversee the implementation of Environmental Management System (EMS)



DIVISIONAL / REGIONAL DIRECTORS: Ensure that divisions incorporate the Environmental Policy into their activities, operations, and policy decisions



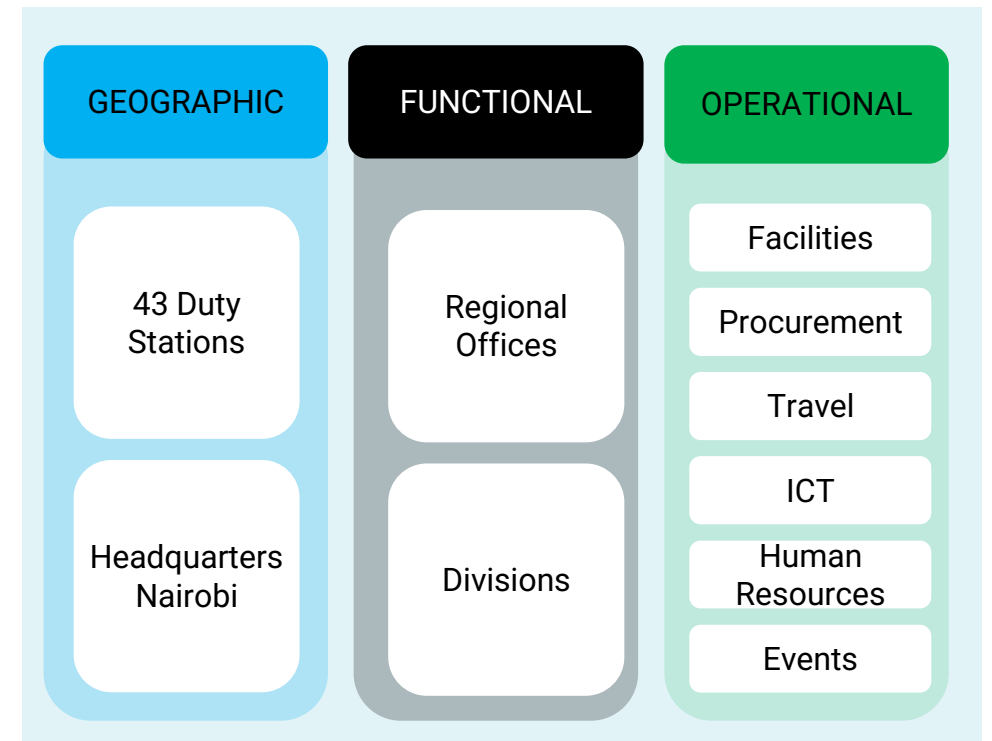
STEERING GROUP: Oversight body chaired by Corporate Service Division (CSD) and representatives from departments



WORKING GROUP: Coordination team to implement EMS across UNEP



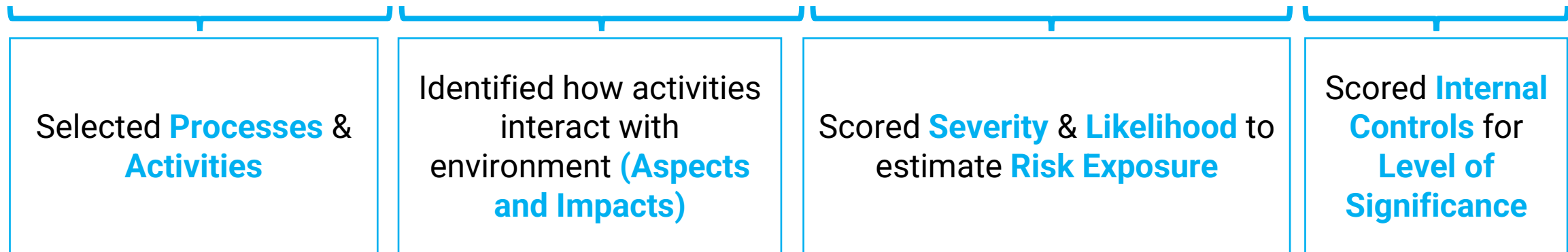
SUSTAINABILITY FOCAL POINTS: Develop, implement, monitor "Risk Mitigation (Action Plans)"



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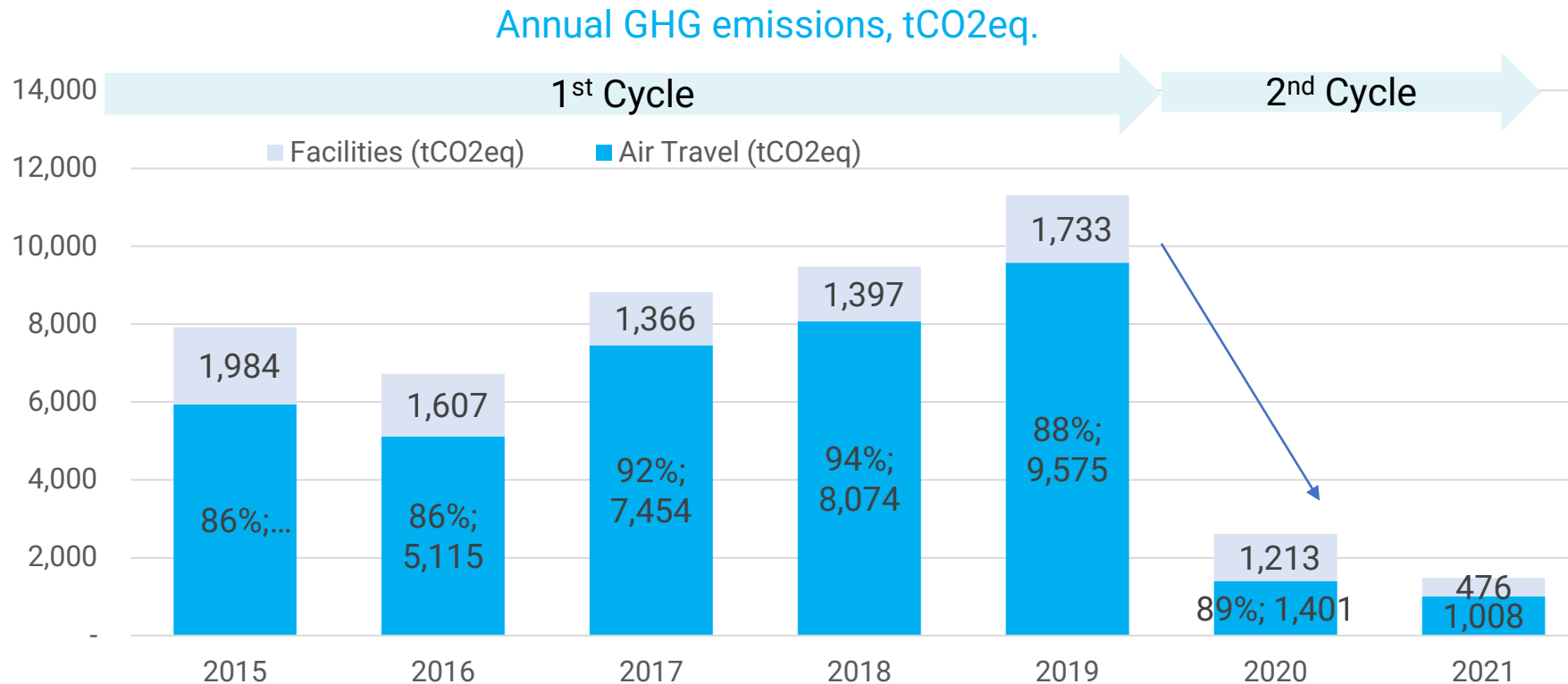
Environmental Risks into Enterprise Risk Management

Aspect Ref.No	Management function	Process	Activity	Category	Environmental aspect	Environmental impact	1 Score the severity Impact			2 Score the likelihood of Impact		Risk exposure (score)	3 Score the internal control / management effectiveness (5-1)	Residual risk (score)	Level of significance
							Environmental consequence (5-1)	Stakeholder/reputation (5-1)	Compliance (5-1)	Probability (5-1)	Resource requirement (5-1)				
1	Travel_management	Transportation	Travel by Air to mission	Air travel	Emissions from Air travel for official missions	Air pollution	4- High	3- Mildly concerned	3- UNEP Polity	5- Routine	5- Very difficult to control	4.08	3- Key controls and/or management activities to be improved	1.08	VERY HIGH
2	Facilities_management	Store house	Maintenance	Equipment maintenance	Fire from electrical fault	Soil / Water / Air pollution	5- Extreme	4- Very concerned	4- Potential to be regulated	2- Possible	3- Requires moderate resources	3.29	4- Controls and/or management activities somewhat effectively	-0.71	MEDIUM
3	Facilities_management	Renewable energy production	Production of renewable energy	Electricity	Renewable energy produced and consumed	Environmental conservation	1- No Consequence	2- Public interest negligible	1- No Regulated	1- Limited	3- Requires moderate resources	1.63	4- Controls and/or management activities somewhat effectively	-2.37	LOW
4	ICT	Data centers	Electricity consumed	Server rooms	Electricity consumption from servers use	Depletion of natural resources	4- High	4- Very concerned	1- No Regulated	4- Periodically	2- Requires some resources	3.00	2- Limited controls and/or management activities in place	1.00	HIGH
5															



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Total GHG emissions Performance Review (example)



Air travel emissions represent around 85% of UNEP's carbon footprint, air travel is an environmental priority to tackle at EMS 2nd cycle (2020-2024). Other aspects:

- Waste management
- Water management
- Energy efficiency
- Awareness and communication

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Internal Carbon Levy Mechanism (example)

- Internal levy charged on **all GHG emissions**, including facilities-use and Air Travel (all locations; both staff missions and sponsored travel of meeting participants, experts, etc.)
- **USD 40 per tonne of CO₂**, about 1.3 % of travel costs and a charge for building emissions based on divisional headcounts
- Since **2018-19**, set up by Corporate Services Division and approved by Senior Management Team. Expected income up to USD 300,000 / year
- Information Technology services to integrate tax directly into Travel system to simplify its application + make cost directly visible to travelers

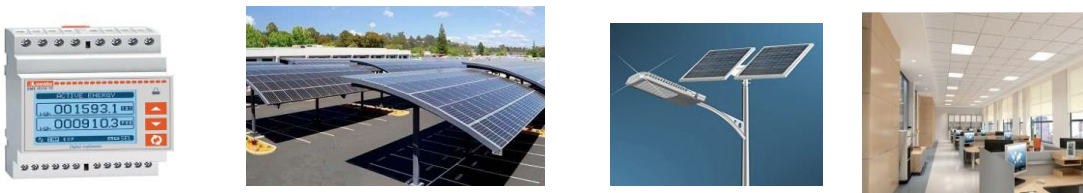
Ensure **climate neutrality**:

- Offsetting carbon emissions
- Financing environmental sustainability activities
- Raise awareness on the environmental impact of air travel
- Encourage alternative modes of transport

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Green Initiatives (examples)

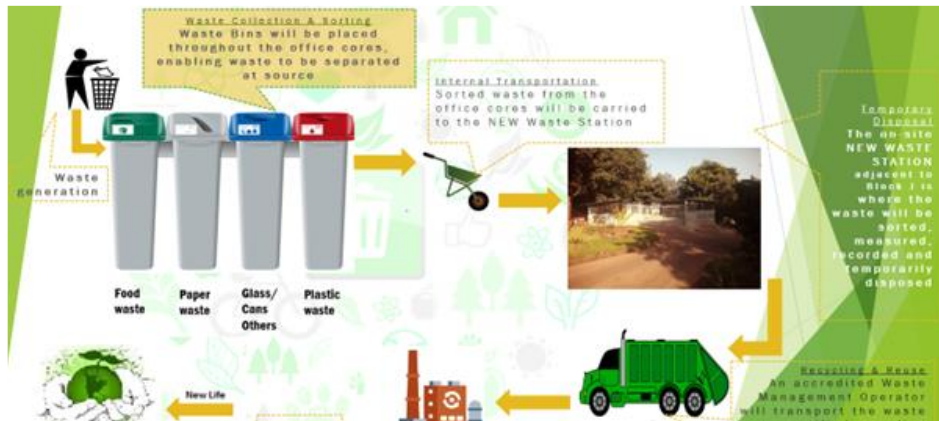
Energy Consumption



Water Conservation



Waste Management



Resource Management

Most preferable	REDUCE PAPER USE <ul style="list-style-type: none"> • Top management commitment and communication to staff • Reduce the number of printers • Set paper consumption quotas • Promote staff awareness campaigns on paper use reduction • Use of e-Signature and e-Documents as much as possible • Use of at-printer print command • Paper friendly UNEA
Least preferable	REUSE PAPER <ul style="list-style-type: none"> • Sensitize staff about paper drafts reuse • Promote the use of the used paper trays in printers and inform staff • Set paper consumption quota will motivate staff to reuse paper
Least preferable	RECYCLE 100% <ul style="list-style-type: none"> • Collect paper waste separately: <ul style="list-style-type: none"> ◦ Install paper collection bins near each printer and in the offices ◦ This will lead to improved quality of paper waste ◦ Train cleaning services personnel on paper waste handling to avoid contamination with other wastes ◦ Measure and monitor the amount of paper consumed ◦ Measure and monitor the amount of paper waste produced • Produce ZERO paper waste, recycle 100%

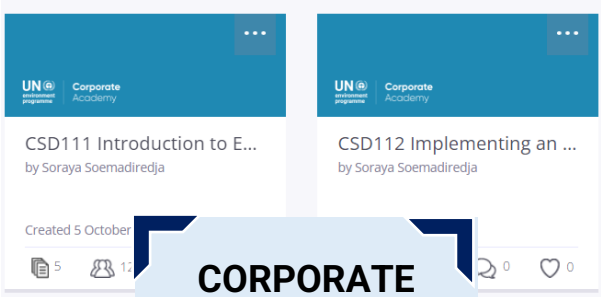


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Capacity Building and Awareness (examples)



GREENING THE BLUE TUTORIAL
Smart Courses



CORPORATE ACADEMY
5 Modules



ICT SUSTAINABILITY
Laptop life extension



VIRTUAL MEETING CULTURE
Survey and Working Group

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Looking ahead

SUCCESSFUL FACTORS

- Connect Directors and Office Managers for support
- Growth of the network of Environmental Sustainability Focal Points
- Expand scope of data collection
- Implement a Risk Management approach

FUTURE FOCUS

- Integration of environmental sustainability into HR processes
- Strengthen relationship and collaboration in common premises
- Digitalization and automation path to climate neutral



Thank you



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