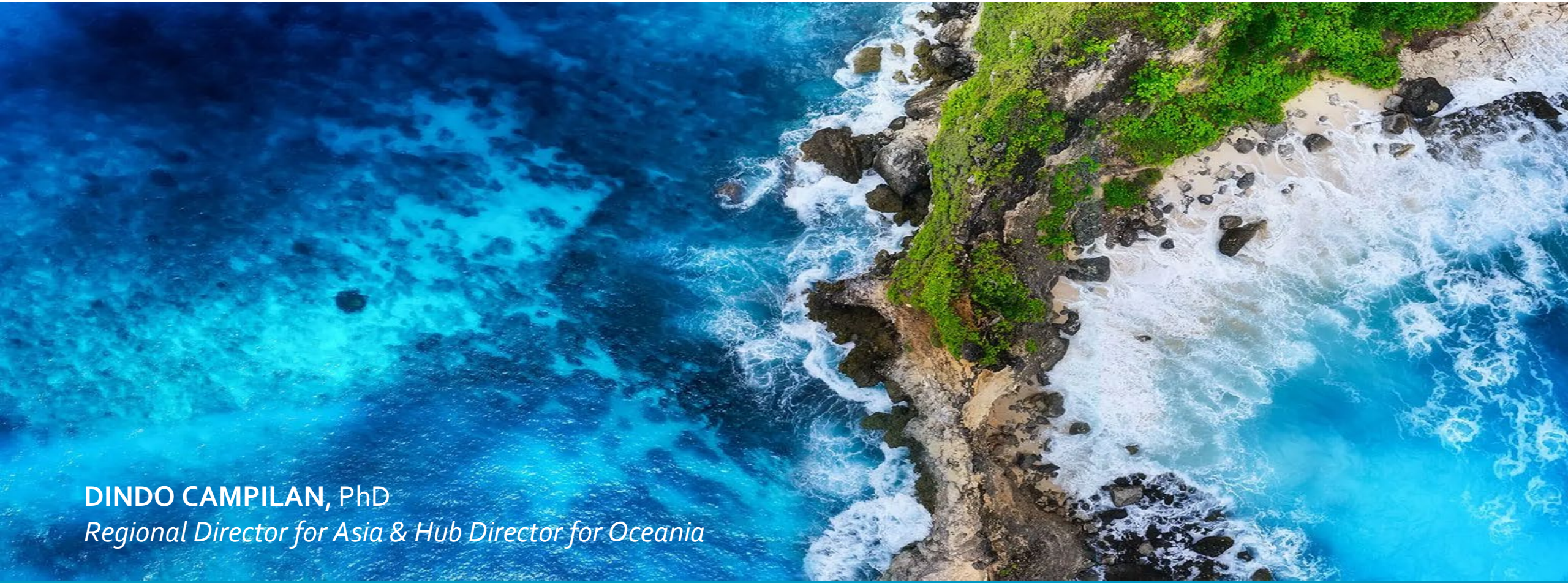
MAKING *NATURE* EVERYBODY'S BUSINESS

Conserving biodiversity and restoring ecosystems for a **nature-positive future**



DINDO CAMPILAN, PhD
Regional Director for Asia & Hub Director for Oceania

This presentation

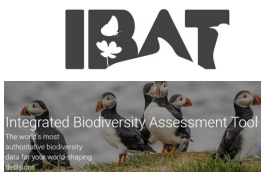
1. Why sustainable urban mobility needs to be **nature positive?**
1. How could the urban transport sector better deploy **nature-based solutions?**
1. What are emerging opportunities for **IUCN collaboration?**

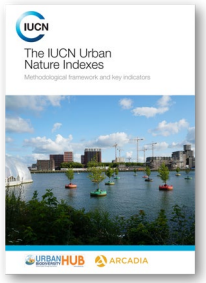
Nature in the EST forum agenda

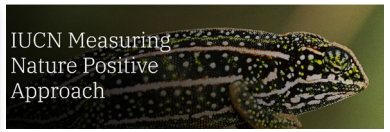
Global Goals for Nature

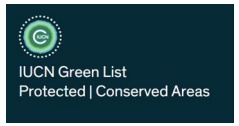
Kunming-Montreal
GLOBAL BIODIVERSITY FRAMEWORK

IUCN Global Standards, Methods and Tools

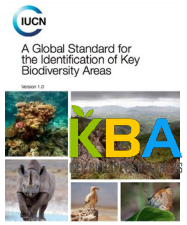








IUCN Knowledge Products



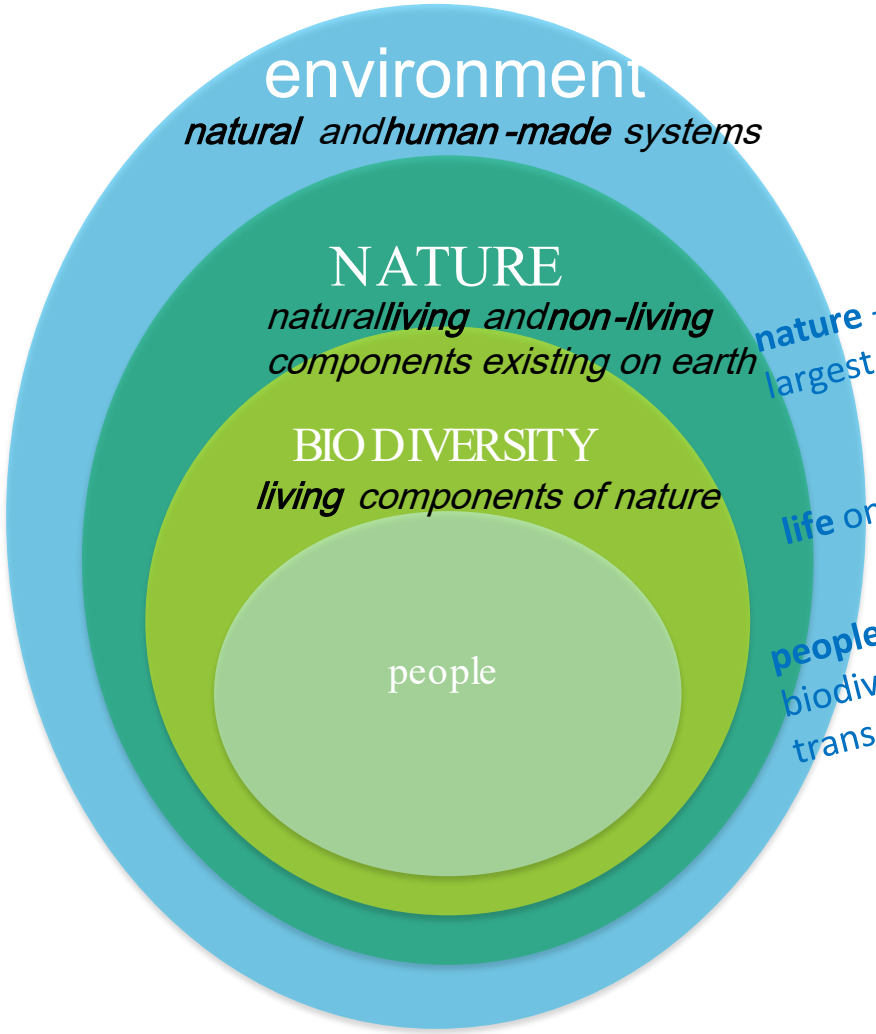
SUSTAINABLE URBAN TRANSPORT

Public-Private Sector/Industry
- declarations/commitments
- road maps/action plans

Corporate
- social responsibility mission
- sustainability agenda

Standards, Methods and Tools
voluntary reporting systems, assurance schemes, policy guidelines

Nature and *biodiversity* for environmental sustainability



nature -- the world's largest infrastructure

life on earth

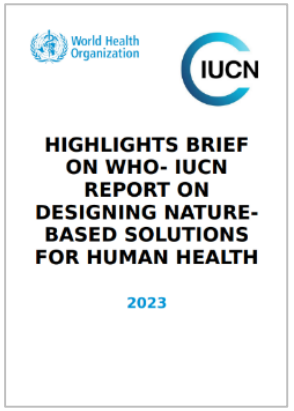
people-centered, biodiversity-responsible transport

Climate -Biodiversity Nexus

www.un.org

OneHealth for people and planet

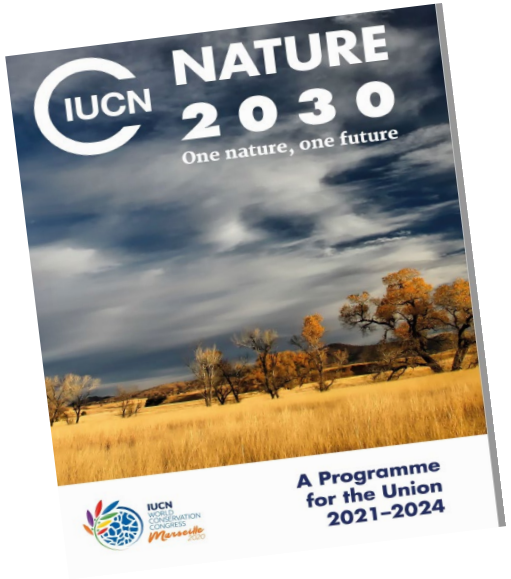
NATURE4HEALTH
Preventing pandemics together



Uniting the world to *conserve & value* nature

IUCN
world's largest & oldest environment organisation

Members	Commissions	Secretariat
• **1,400+ members** representing the diverse global community for nature	• 7 global thematic commissions with **16,000+ experts**	• Switzerland headquarters, regional hubs Asia (Thailand) & Oceania (Fiji)



1. Global union serving 150+ countries

- State members
- Diverse members beyond States:
  - *Govt ministries/agencies*
  - *NGOs, CSOs, philanthropic and academic orgns/associations*
  - *Subnational and local govts (e.g. cities, provinces)*
  - *Indigenous people's organisations*
- Partners in private business and finance sectors

2. Scientific authority on nature

- *Global data and knowledge* on nature and biodiversity
- Science-driven *references, standards and tools*
- *Capacity building* & advisory services

3. Technical adviser for *multilateral agreements*

- Rio Conventions - *biodiversity, climate and land health*
- World Heritage - *natural heritage sites*
- Other environmental conventions - *Ramsar , CITES, CMS, BBNJ*
- Custodian of *SDG 14 and 15* progress-indicators

From climate positive to *nature positive?*

AICHI 2030
Goal 1
Environmental sustainability
*(**climate** mitigation & adaptation)*

Creating **nature-positive** outcomes

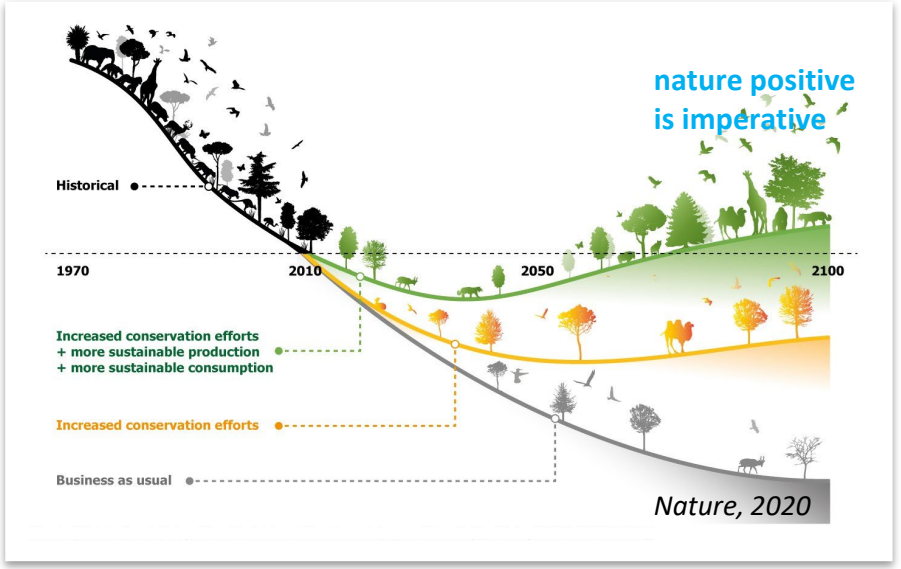
To halt and reverse nature loss at a positive pace
(covers biodiversity net gain and carbon negative)

Achieving **net zero**

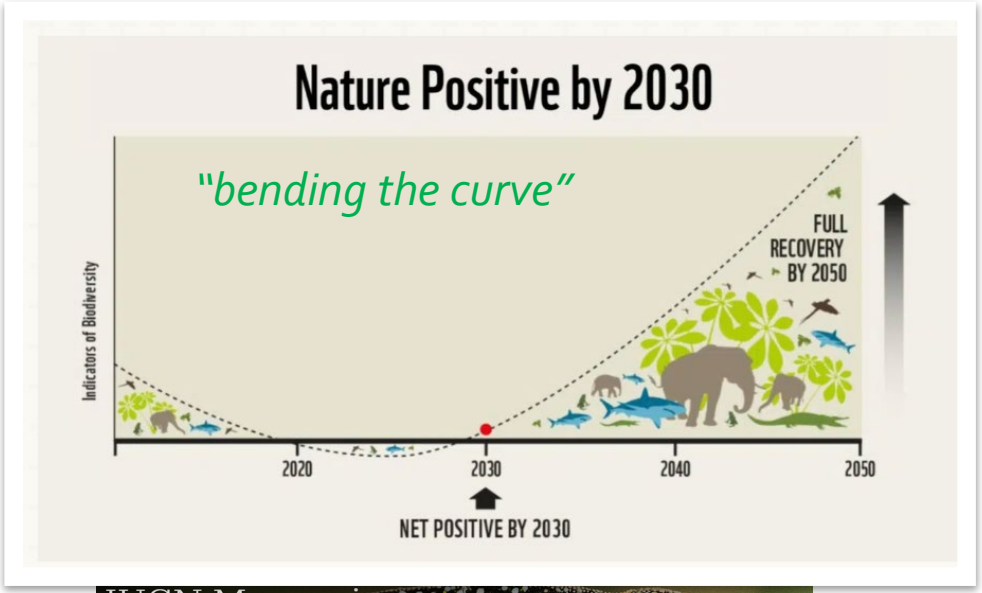
To counterbalance GHGs emitted and removed
*(covers carbon neutrality, decarbonization**)***

Mitigating **negative impacts**

To reduce CO_2/GHG emissions and manage "acceptable" levels of adverse impact
(covers low carbon development)



Targeting and *measuring* nature positive



practical, verifiable and consistent metrics anchored on IUCN global standards, databases & knowledge products including:

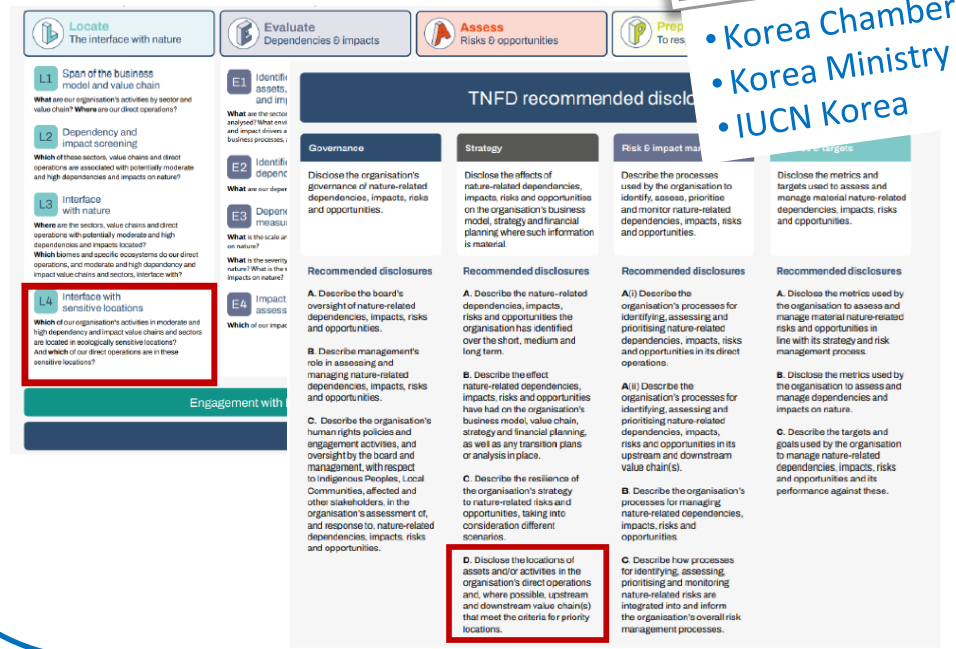
- *Red List of Threatened Species*
- *Red List 467 of Ecosystems*
- *Green Status of Species*
- *Species Threat Abatement & Restoration (STAR)*
- *Integrated Biodiversity Assessment Tool (IBAT)*
- *World Database on Key Biodiversity Areas*
- *World Database on Protected Areas*
- *Global Standard for Nature-based Solutions*
- *PANORAMA – Solutions for a Healthy Planet*

IUCN Metrics and Tools in nature-finance regulations/frameworks/ standards

Regulation, Standard or Framework	IBAT Referenced?	Key Biodiversity Areas Referenced?	Protected Areas Referenced?	IUCN Red List Referenced?
Taskforce for Nature Related Financial Disclosures (TNFD)	✓	✓	✓	✓
Sustainable Finance Disclosure Regulation (SFDR)	×	✓		
European Sustainability Reporting Standards (ESRS)	✓	✓		
Global Reporting Initiative (GRI)	✓	✓	✓	
CDP	✓	✓	✓	
Science-Based Targets for Nature (SBTN)	✓	✓	✓	

- Korea Chamber of Commerce & Industry
- Korea Ministry of Environment
- IUCN Korea

IUCN IBAT as TNFD support tool



Nature-based solution (NbS) to drive *co-benefits*

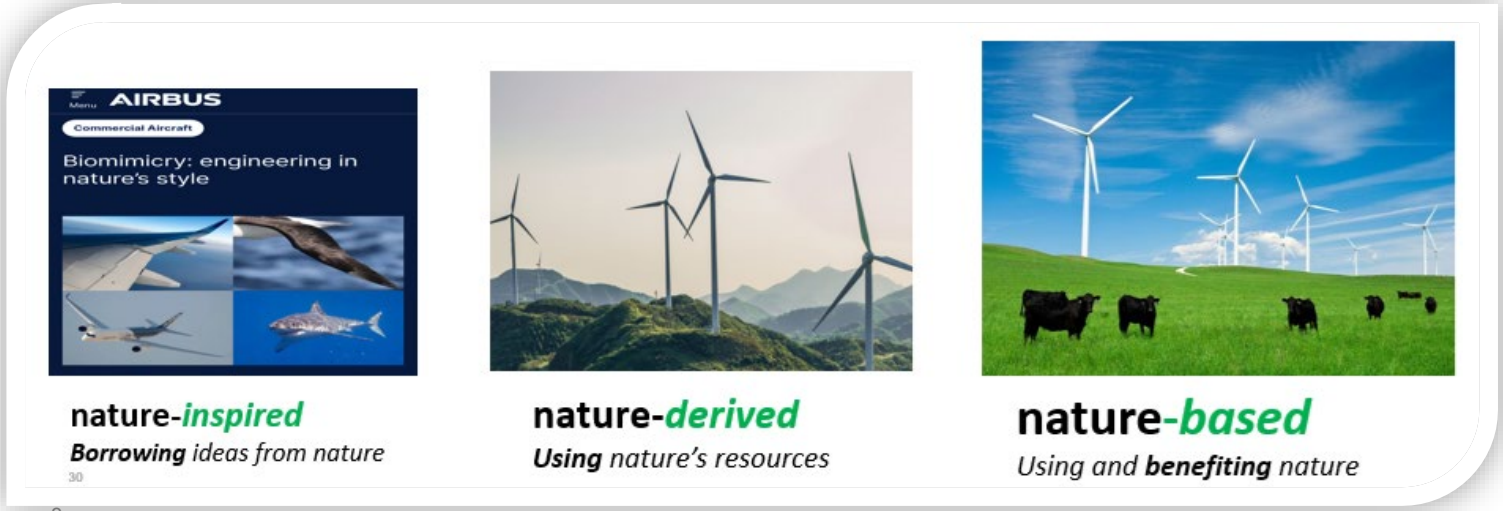
IUCN Nature based Solutions
The nature of progress

Agreed multilaterally
- **IUCN** 2016 *(128 Countries)*
- **UNEA** 2022 *(197 State Parties)*

Actions to protect, sustainably manage and restore natural or modified **ecosystems**,

that address **societal challenges** (such as climate change, food and water security or natural disasters)

effectively and adaptively, simultaneously providing human well-being and **biodiversity benefits**.



Nature in *cities:* from threats to opportunities

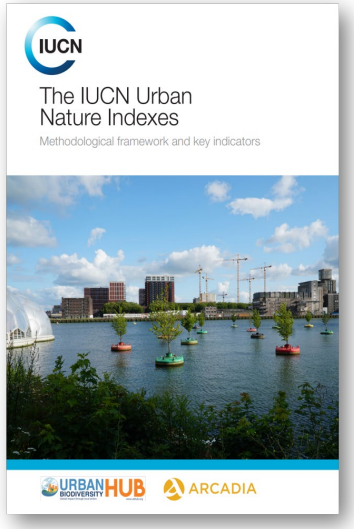
- Several cities located within globally recognized **"biodiversity hotspots"**
- Some cities consist of **protected areas** within or just outside their borders
- Well-managed urban areas can support **high levels of biodiversity**
- **NbS is already being used in cities** to adapt to climate change impacts such as heat, flooding and water scarcity.

33 cities are in the world's biodiversity hotspots *including in Asia-Oceania*:

- Forests of East Australia - Sydney, Australia
- Himalaya - Rawalpindi, Pakistan
- Indo-Burma - Guangzhou, China
- Japan - Keihanshin (Kyoto-Osaka-Kobe), Japan
- Mountains of Central Asia - Tashkent, Uzbekistan
- Mountains of Southwest China - Chengdu, China
- New Zealand - Auckland, New Zealand
- Philippines - Davao, Philippines
- Southwest Australia - Perth, Australia
- Sundaland - Jakarta, Indonesia
- Wallacea - Makassar (Ujung Padang), Indonesia
- Western Ghats and Sri Lanka - Mumbai, India

hotspotcitiesproject.com

Nurturing *nature-positive* urbanisation



URBAN NATURE INDEX (UNI)

Singapore

- Flexible methodological framework to **measure cities' ecological performance**
- Helps urban policymakers, stakeholders & local communities assess **cities' impacts on nature**
- Sets science-based **targets and measures** for tracking progress

Theme	ID	Indicator Topics
1 Consumption Drivers	1.1	Material Consumption
	1.2	Harmful Harvest & Trade
	1.3	GHG Emissions from Energy
	1.4	Unsustainable Diets
	1.5	Water Withdrawal
2 Human Pressures	2.1	Urban Sprawl
	2.2	Water Pollution
	2.3	Noise Pollution
	2.4	Light Pollution
	2.5	Invasive Species
3 Habitat Status	3.1	Land Use/Protection
	3.2	Ecosystem Restoration
	3.3	Shorelines & River Banks
	3.4	Vegetation Cover
	3.5	Connectivity

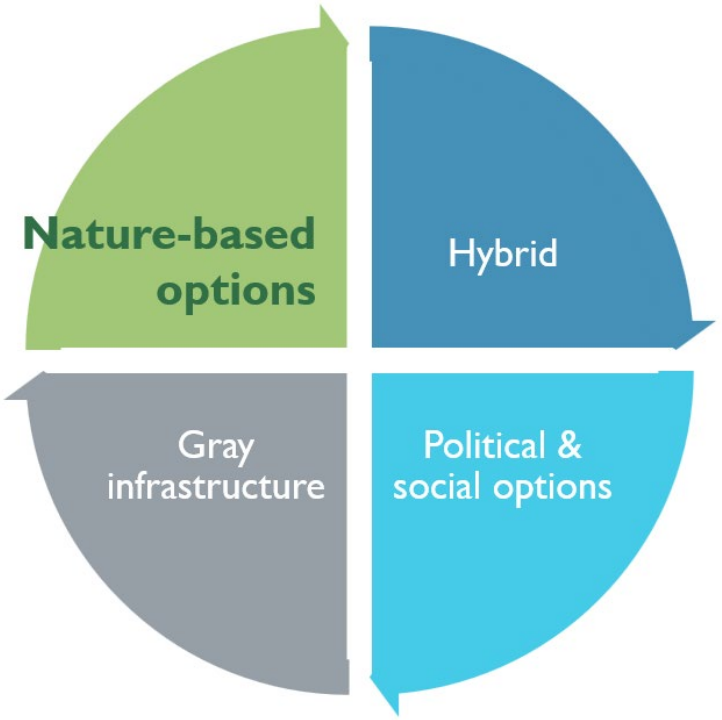
Theme	ID	Indicator Topics
4 Species Status	4.1	Animal Species
	4.2	Plant Species
	4.3	Functional Diversity
	4.4	Microbiota and Fungi
	4.5	Endemic Species
5 Nature's Contributions to People	5.1	Exposure to Nature
	5.2	Access to Nature
	5.3	Human Health
	5.4	Livelihoods
	5.5	Sacred Natural Sites
6 Governance Responses	6.1	Planning
	6.2	Legislation & Regulation
	6.3	Education
	6.4	Management
	6.5	Incentives & Participation

NATL BIODIVERSITY STRATEGY & ACTION PLAN (NBSAP)

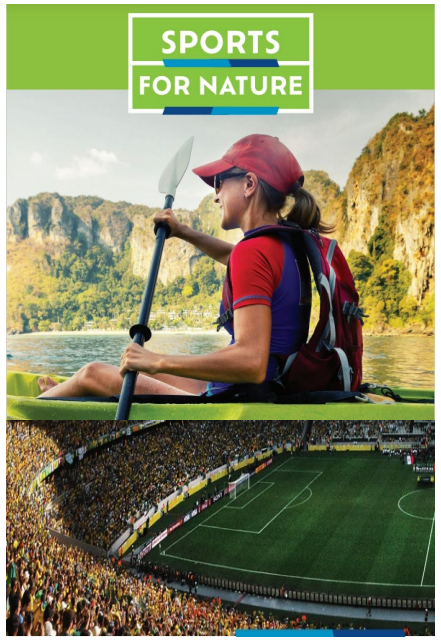
Thailand

- GBF 30x30 target includes lands owned/managed by **private business entities** as OECMs
- NBSAP officially includes **Toyota's conserved areas** in its peri-urban corporate sites

Green and *gray* hybrid solutions



Gameplan for sports to champion nature



Human-wildlife co-existence in **humanitarian crisis**

ELEPHANT ATTACK AT KUTUPALONG ROHINGYA CAMP

UNHCR, IUCN join hands to safeguard refugees

The United Nations High Commission for Refugees (UNHCR) and the International Union for Conservation of Nature (ICUN) have launched an action plan to prevent deaths of Rohingya from wild elephant attacks at Kutupalong refugee camp in Cox's Bazar.

Investing in nature to **derisk NbS** and incentivise conservation

- Gray infrastructure (physical) and green infrastructure (NbS) *often form part of the same landscape-level and can be merged to develop complementary hybrid solutions.*
- *While green infrastructure tends to take longer to provide benefits, it* could be more cost-beneficial in the long term and provide a larger diversity of (co)benefits.

Let’s stay connected

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