Informing the post-2020 Global Biodiversity Framework: Overcoming obstacles to develop biodiversity baseline data in Small Island Developing States

23 June 2020
FRAMING | WHY IS SPATIAL DATA IMPORTANT?
WE ARE WITNESSING AN UNRAVELING OF THE PLANET

- IPCC report shows that we must act in the next 10 years to avoid catastrophic impacts of climate change
- IPBES report shows 1 million species at risk of extinction
- Unsustainable land use accounts for ¼ of greenhouse gas emissions
SPATIAL DATA CAN PLAY A POWERFUL ROLE FOR NATURE AND CLIMATE

• Identify WHERE & HOW to take action on nature for biodiversity, climate, and sustainable development
• Support monitoring & transparency for the CBD, UNFCCC, and nature-based Sustainable Development Goals
ABILITY OF POLICYMAKERS TO ACCESS & USE SPATIAL DATA IS VARIABLE

• National Biodiversity Plans & Fifth National Reports show lack of spatial data:
  • 4 maps per National Biodiversity Plan, 5 per 5NR
  • 1 out of every 3 5NRs had no actionable maps (identifying areas for protection/restoration)
  • <4% focused on ecosystem services
WHY ISN’T SPATIAL DATA USED?

UNDP conducted a needs assessment with 60 Parties:

1. Data are inaccessible
2. Data are not usable
3. Data are not nationally validated
4. Governments lack capacity to use data

Gap between the potential for spatial data and the capacity of policymakers to use it
WE ISSUED A CHALLENGE TO ALL PARTIES

DOUBLE THE NUMBER OF MAPS BETWEEN YOUR 5NR and 6NR

SUPPORT | BUILD SPATIAL DATA CAPACITY
WHAT IS UN BIODIVERSITY LAB?

- Created to support policymakers in their biodiversity commitments
- Provides 137 governments with access to FREE high-quality global spatial data layers & analytic tools
- Does NOT require GIS expertise