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Nature, People and Climate Investment Program

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Climate Investment Funds

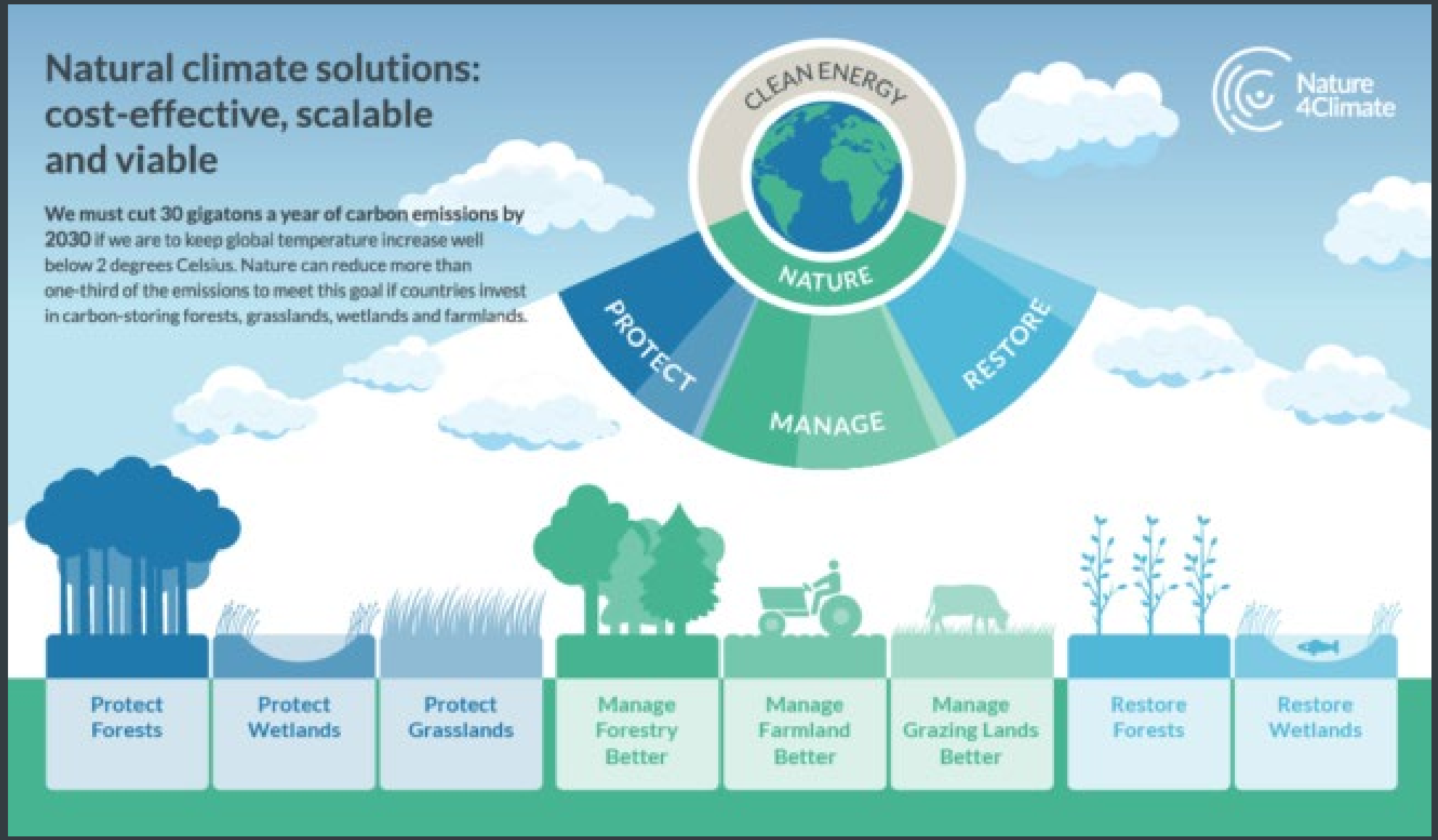
NPC-Building on CIF's Experience with Nature

- Forest Investment Program: US$700m program tackling sustainable forest management & emissions reductions from deforestation and degradation
  - 41 million hectares of land brought into sustainable land management in 13 countries
  - Direct financing to indigenous peoples and local communities at the coal face of climate change impacts through Dedicated Grant Mechanism

- Pilot Program for Climate Resilience (PPCR): US$1.2 billion program supports developing economies in building their resilience to the impacts of climate change.
  - Includes many projects that help strengthen the resilience of lands, coasts and rural people in the face of climate change

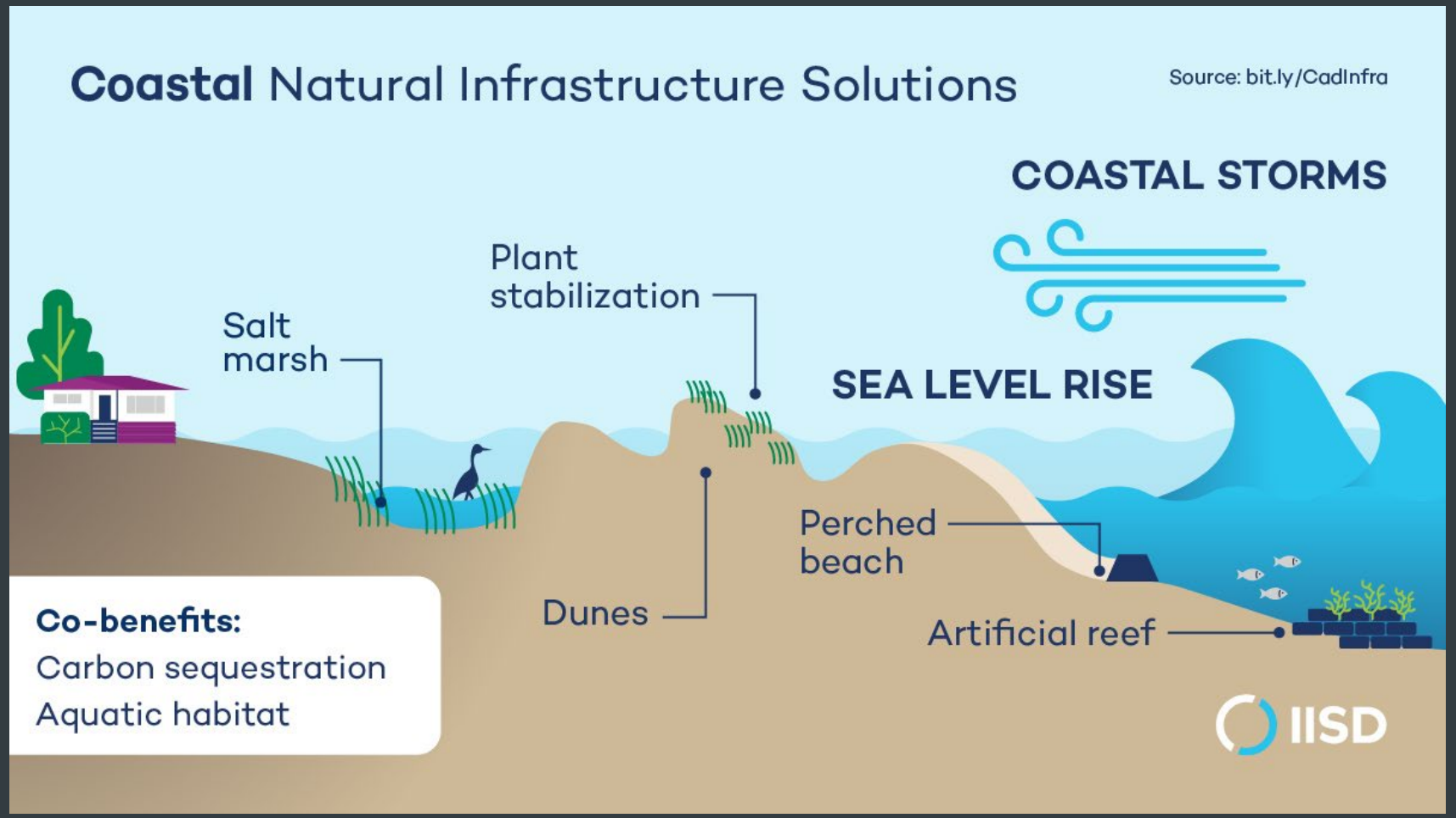
- NPC breaks Mitigation and Adaptation out of silos

Nature-based Solutions: Protect, Manage and Restore



Source: Nature4Climate

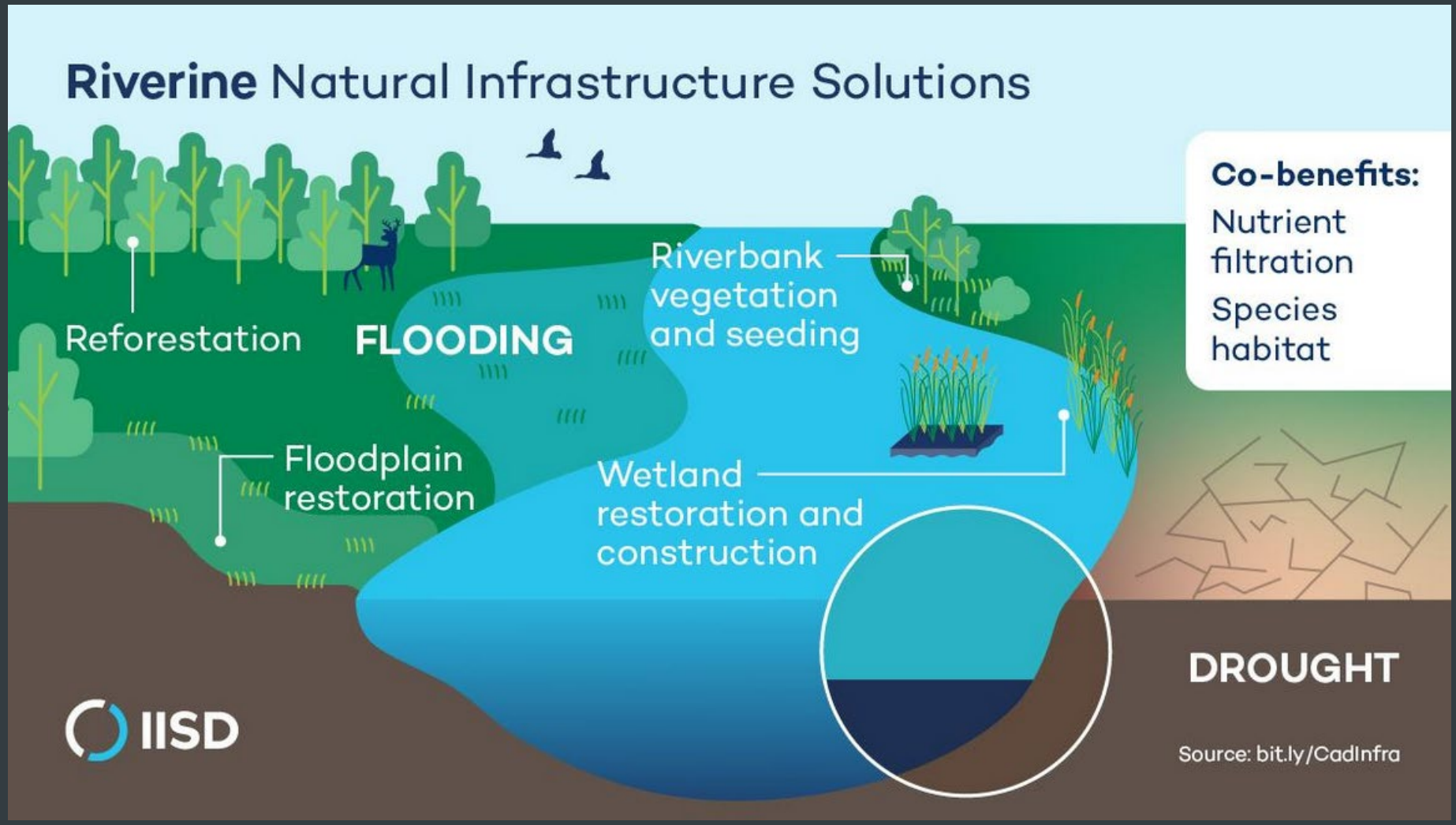
NbS: Approaches for Coasts



*Source: Ruckelshaus, et. al. 2020

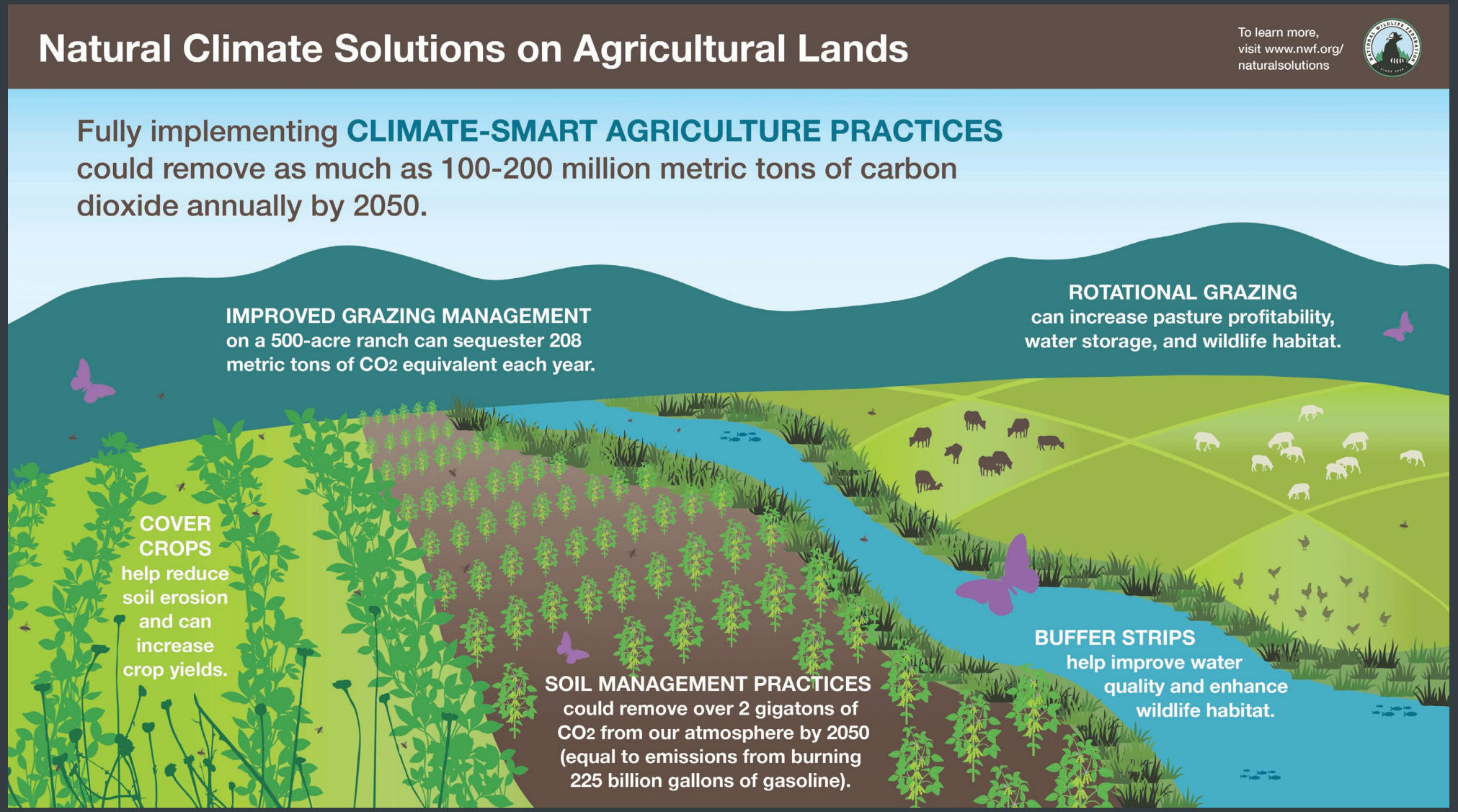
*Source: IISD

NbS Working with Built Climate Solutions



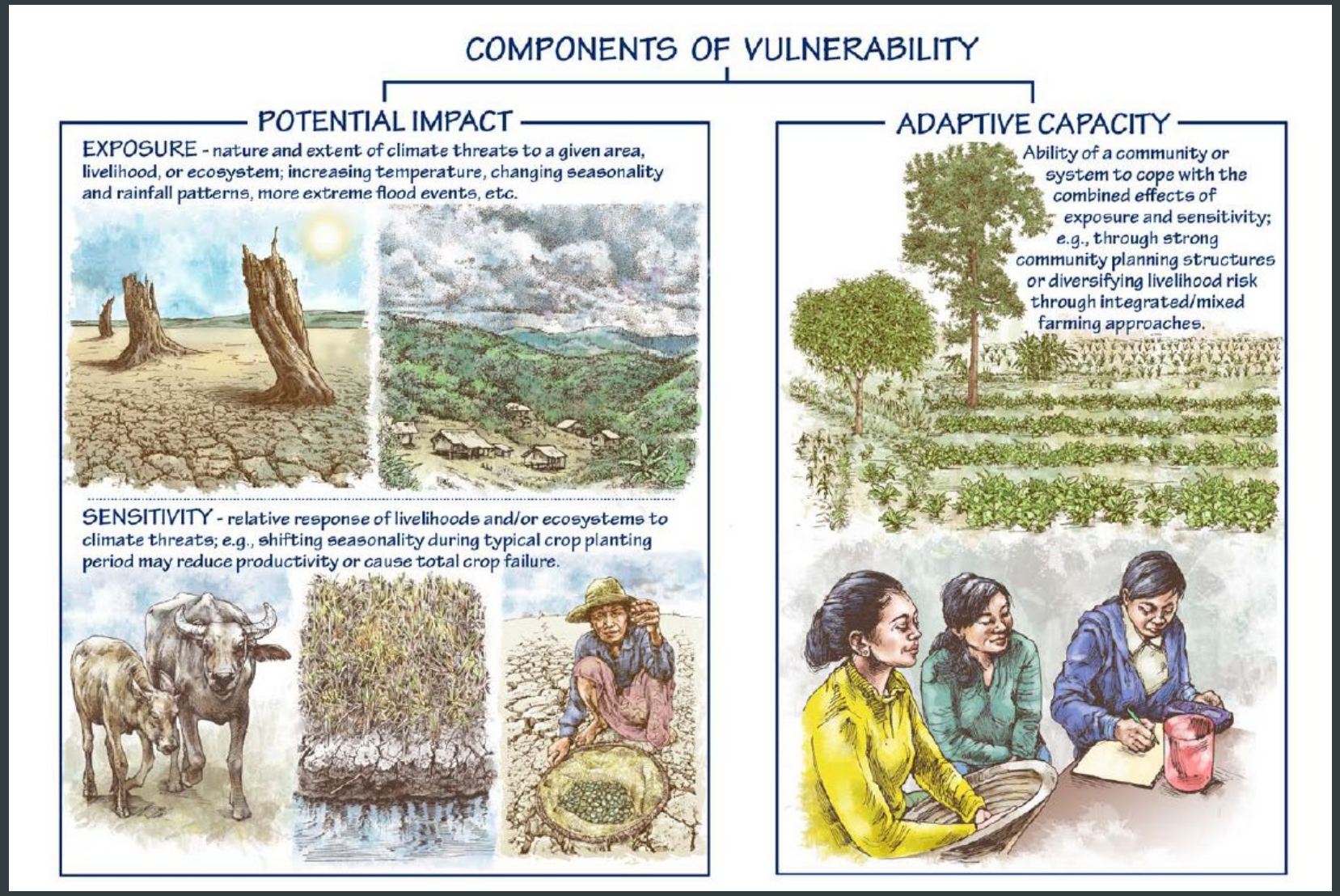
Source: Depietri & McPhearson: Integrating the Grey, Green, and Blue in Cities

NbS: Approaches for Agriculture



Source: National Wildlife Foundation

Components of Vulnerability Assessment



*Source: USAID Mekong ARCC Project

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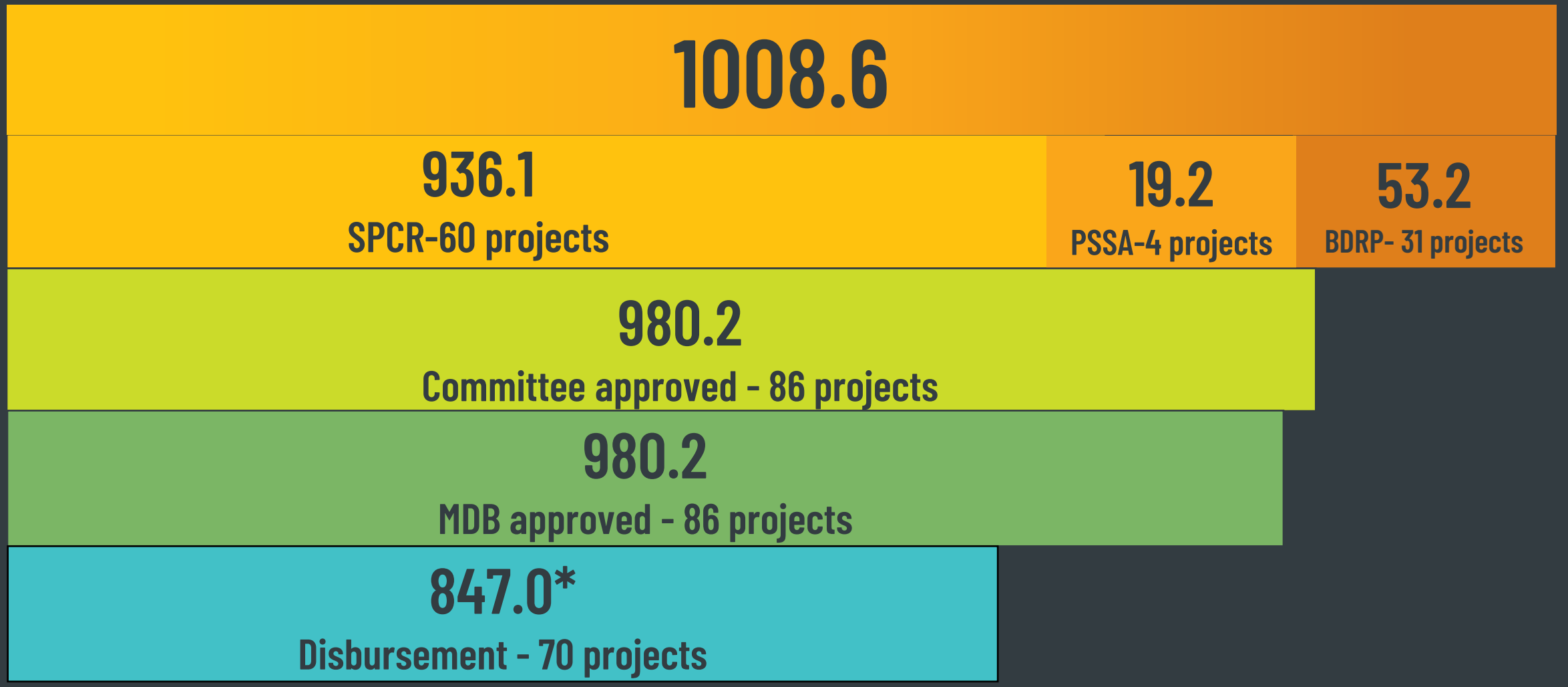
NbS under the Pilot Program for Climate Resilience (PPCR): Examples and Insights

Wednesday, April 26, 2023

Eirini Pitta, PPCR

Adaptation and Climate Resilience Investment under the CIF ($ million)



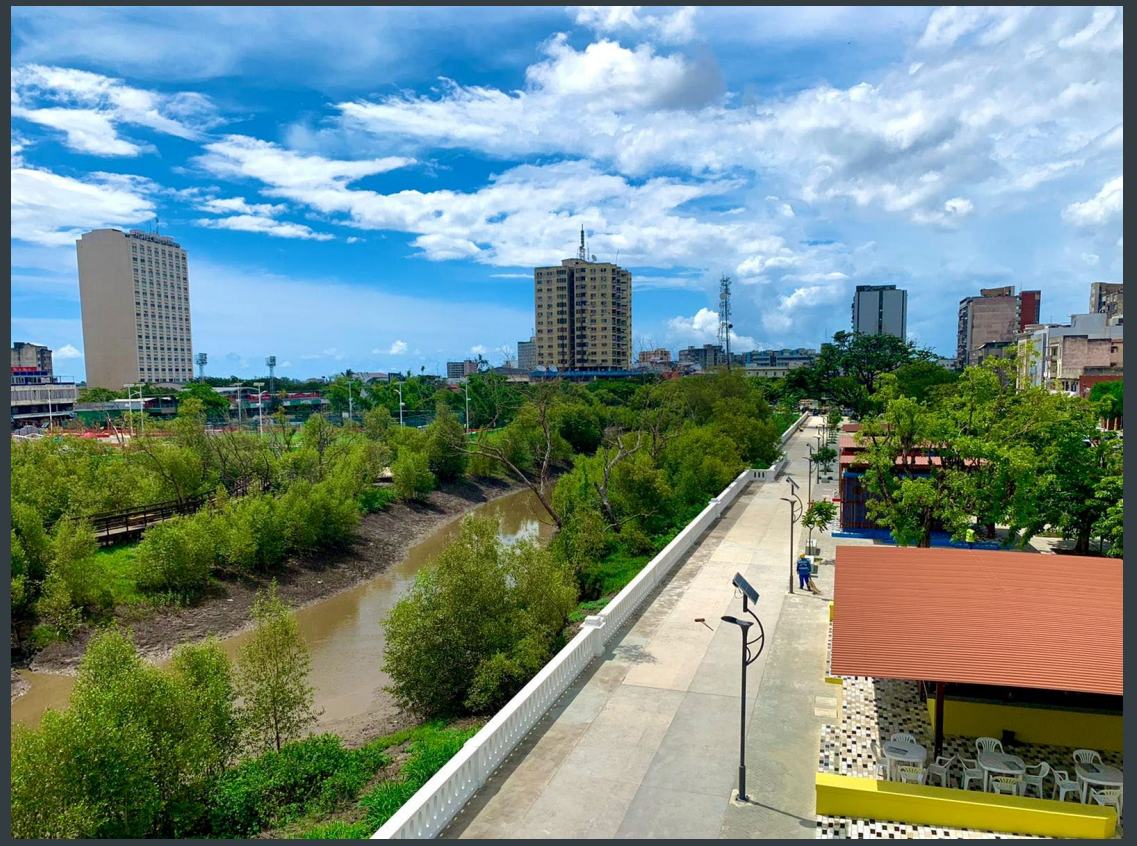
Example 1

Building climate resilience through investing in green urban infrastructure in Mozambique

Context: coastal city of Beira is highly exposed and vulnerable to recurring climate-related disasters; vulnerability compounded by developmental challenges

NbS deployed: as part of the CIF-supported Cities & Climate Change project, a range of NbS were deployed to enhance the long-term climate resilience of the residents in Beira:

- Transformation of the Chiveve River margin areas into an urban park
- Rehabilitation and protection of natural drainage courses
- Restoration of riverine and wetland ecosystems

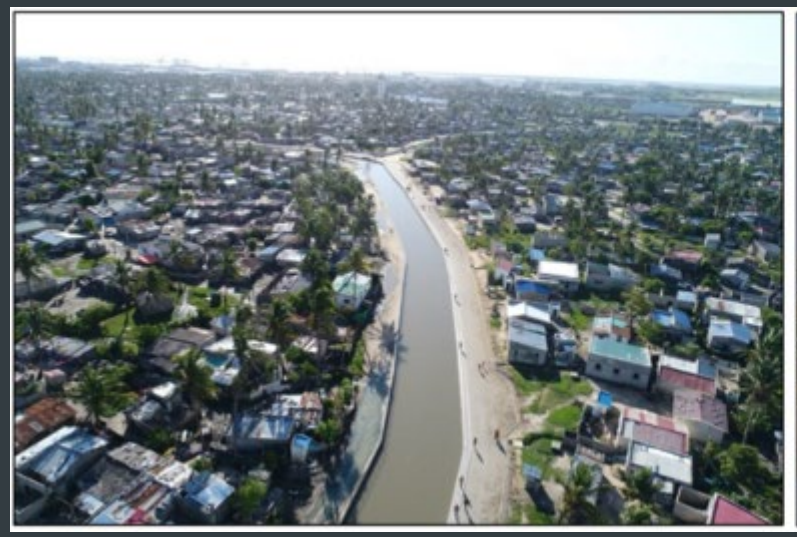


Example 1 *(cont'd)*

Building climate resilience through investing in green urban infrastructure in Mozambique

Key results:

- Enhanced protection from flooding in the catchment area of the Chiveve River Basin;
- Reduction in structural damages to buildings
- Boost in perception of security and decline in crime
- Increased opportunities for businesses, recreation, and leisure activities



Example 2

Afforestation as part of an integrated solution to polder flood resilience in Bangladesh

Context: coastal polder communities in Bangladesh are particularly vulnerable to tidal flooding

NbS deployed: as part of the first phase of a $400 million coastal embankment improvement program, polder communities were supported to implement afforestation

- Within the framework of a Memorandum of Understanding (MoU) with the Forest Department under a social afforestation model;
- Extensive engagement of local communities in the selection of tree species and ensures equitable benefit-sharing

Example 2 *(cont'd)*

Afforestation as part of an integrated solution to polder flood resilience in Bangladesh

Key results:

- Enhanced protection of over 390,000 people (50% female beneficiaries) by increasing the resilience in selected polders from tidal flooding and storm surges
- Afforestation of 610 ha of coastal/polder area, including planting of 1,525,200 seedlings

Key Lessons for Adaptation-focused NbS

- Investing in NbS is a cost-effective way that can have a wide range of benefits for people, economies, and ecosystems
- NbS is one solution from a wide range of options to adapt to climate change; work in synergies with engineering solutions.
- NbS are increasingly recognized as being at the heart of efforts to achieve the combined aspirations of the SDGs, Paris Agreement, the Sendai Framework, and Global Biodiversity Framework
- Advancing these agendas in an integrated way offers promise for a more resilient future

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