



- Country/regional border
- Forest
- Agricultural area
- Agroforestry
- Surface water
- Wetland
- Swamp restoration
- Restored and constructed dryland forests
- Settlements
- Urban blue-green spaces
- River sandbank
- Tidal barrage power
- Tidal range power
- Tidal stream and desalination
- Tidal/river stream power
- Nature-inclusive offshore windfarms
- Nature-inclusive offshore solar farms
- Blue-green bridge (ecoduct/aquaduct) by biodiversity connectivity
- Restored and constructed mangrove forest
- Restored and constructed wetland or drought adaptation
- Widened river & restored riparian zones
- Haor walkway to promote ecotourism
- Port
- Algae & plastic collector
- Floating vegetable beds, grains, tea, vegetables, (integrated with fishery)
- Bio-based/bio-waste industrial park
- Aquaponics: (shell)fish fed by fishery waste using circular water/nutrient cycle

North-West

Current

Nature-based future

Constructing ponds as water-use management strategy to conserve and protect water resources

Urban blue-green spaces for water management, food adaptation and climate resilience

Rainwater harvesting as water conservation technique

Not illustrated: Support for small-scale farmers through training, access to markets, energy, extension services, and circular economy activities like place-based employment, utilizing agricultural waste for new useful products

Large-scale reforestation to restore forest cover in the current tract

Agroforestry practices where trees are integrated into agricultural landscapes, providing shade, windbreak, enhancing soil health and reducing irrigation, as well as other resilient agricultural practices

Restore and protect riparian zones, acting as a buffer, helping stabilize stream banks and prevent soil erosion, enhance high biodiversity, enhance utilization rates and water storage for groundwater recharge

Restoring natural waterways to reduce erosion, improve water retention, and recharge groundwater

Cool mixing and cool freshwater channels related to renewable energy elsewhere

Restored green and circular industries

Coastal mangroves, salt marshes, and oyster reefs reducing coastal air pollution and trap suspended sediment

Restored and planted of salt-tolerant mangroves basing high biodiversity protection against storms and coastal erosion including the Chars. Done is long-term community-based adaptation projects for most success

Restored mangroves and coastal shelterbelts of trees for coastal protection and biodiversity

Debris collection points are trapping plastic pollution and other waste preventing them from entering the ocean

Urban blue-green spaces and aquaponics for water management, food adaptation and climate resilience

Integrated farming, e.g. aquaponics adapted to salt-tolerant allowing the cultivation of fish and plants in a closed-loop system, reducing the need for excessive pesticides and fertilizers that previously degraded the ecosystem

Tidal range, tidal stream, green construction, and renewable energy

Artificially created water marshes reducing coastal erosion and trap suspended sediment

Sustainable fisheries, resources boosted because of restored mangrove forest

Debris collection points are trapping plastic pollution and other waste preventing them from entering the ocean

South-West

Current

Nature-based future

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North-East

Current

Nature-based future

Swamp restoration for biodiversity and water management

Safety sheds during lightning strikes, flash floods or accidents on the haor. Equipped with coastal amenities, and solar panels ensure visibility and usability during nighttime

Trails on embankments to protect from erosion due to wind-driven wave action

Haor ecosystems restoration enhancing biodiversity. During monsoon season, eco-tourism, sustainable fisheries, and floating mats of wetland vegetation for vegetable gardens sustain livelihoods. In the dry season, decomposed mats enrich the soil, aiding farming. This reduces the need for unsustainable harvesting of wild resources and helps to sustain livelihoods all-year-round

Urban blue-green spaces for water management, recreation, providing shade and cooling the air and possibly fruit trees

Not illustrated: climate-resilient infrastructure such as elevated roads, stormwater drainage systems, and flood-resistant buildings, reducing damage caused by floods

Central

Current

Nature-based future

Promotion of sustainable transportation such as water taxis and metro lines

Strengthening community-led initiatives for urban greening, emphasizing inclusivity and participation in slums

Urban blue and green spaces for climate resiliency, recreation, heat adaptation and water management

Green and circular industries

Green and circular industries for sustainable construction materials such as bio-bricks utilizing waste products

Urban blue-green spaces for water management, food adaptation and climate resilience

Debris collection points are trapping plastic pollution and other waste

Roof-top vegetation, solar panels and hydroponics

Green and circular industries for sustainable construction materials such as bio-bricks utilizing waste products

South-East

Current

Nature-based future

Community Based Forest Conservation of Chittagang Hill Tracts and lakes. Reinforce and scale up traditional practices like Village Common Forest (VCF) to conserve community land for ecosystem services. Engage local communities in sustainable forest management practices to prevent land degradation and deforestation.

Urban blue-green spaces for water management, food adaptation and climate resiliency

Nature-inclusive windfarms and solar farms for renewable energy

Sustainable fisheries, resources boosted because of restored mangrove forest. Adoption of modern and eco-friendly fish drying techniques to enhance food safety and hygiene.

Promotion of sustainable blue tourism by highlighting the cultural significance of steel fish in Bengali cuisine and offer tourists opportunities to learn about traditional fish drying practices while supporting local economies

Planted mangroves and coastal shelterbelts of trees for coastal protection and biodiversity

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Re-vegetated and expanded sand dunes for coastal protection and erosion control



Map by Delta Harmonics, November 2023