

Building with Nature Asia

Building with Nature in Demak



Mixed mangroves aquaculture practice

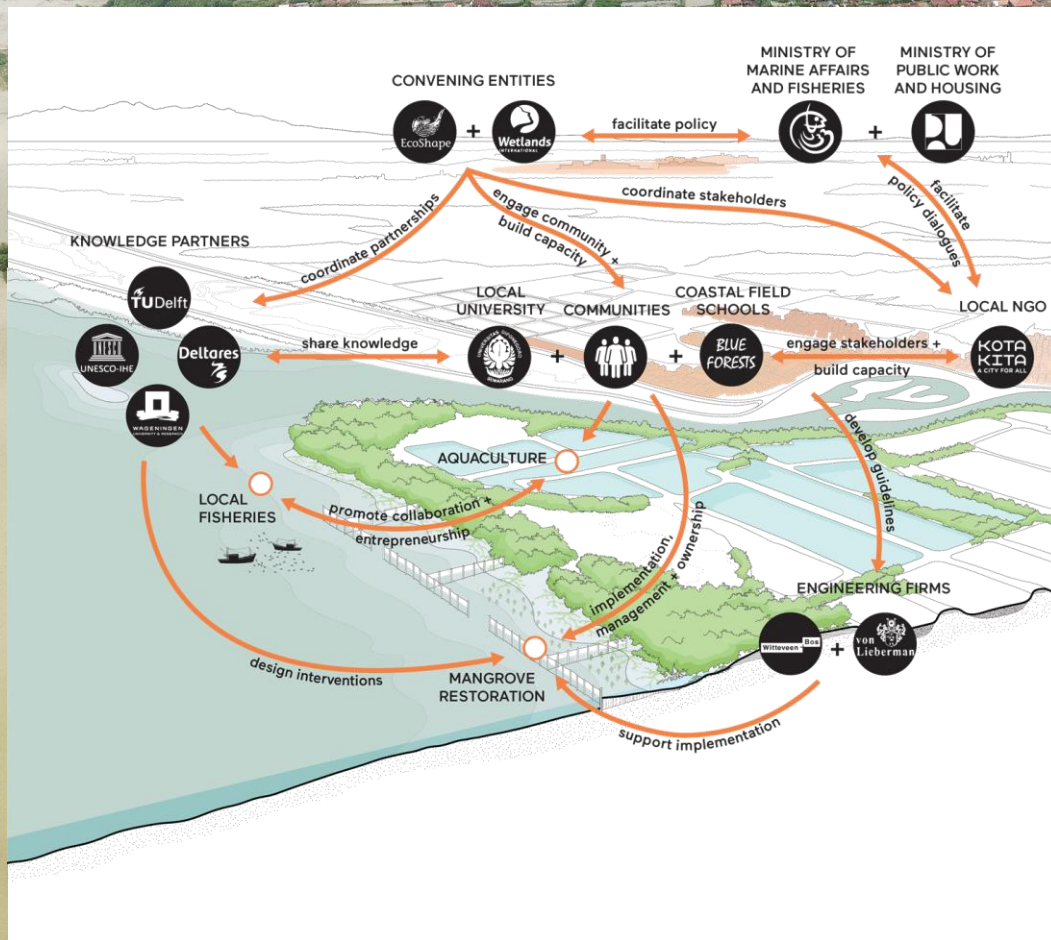
Semi-permeable fences

Sediment transportation by rivers

Elevated road

Retention areas





Building with Nature Tracks in Asia

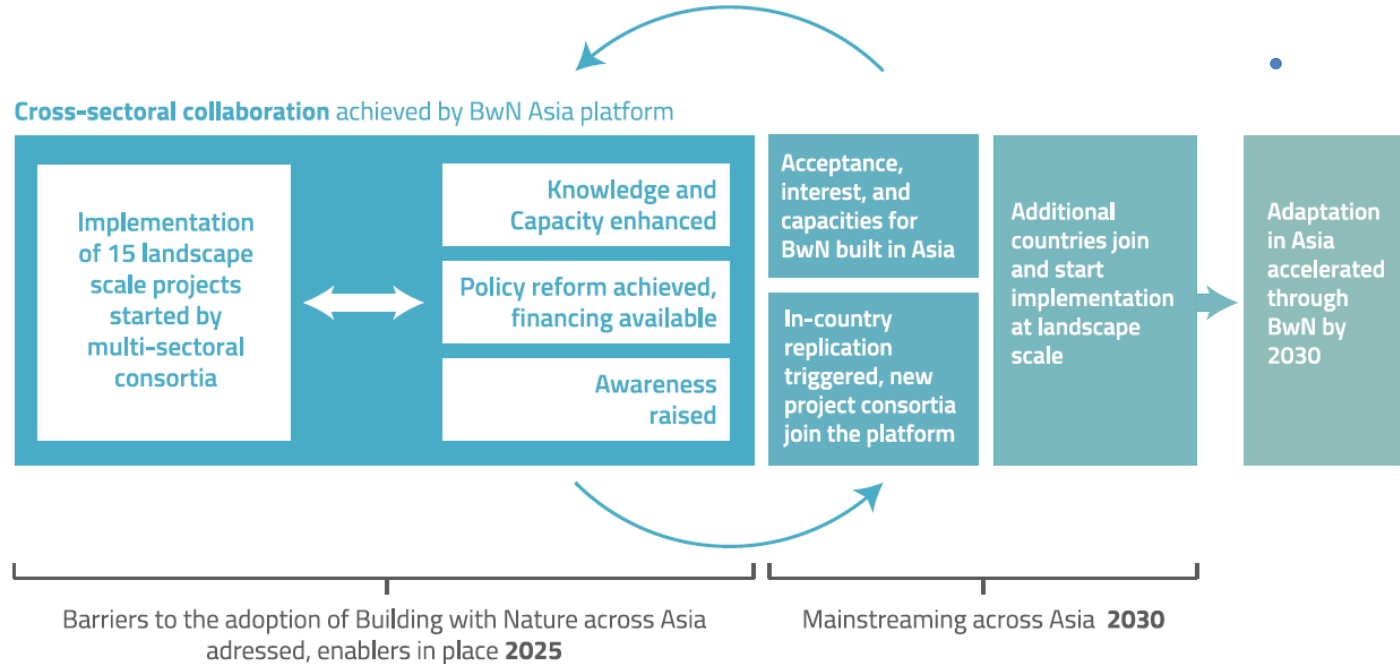
- *Building with Nature Indonesia*
Restoring degraded mangrove coasts in Demak
- *Mekong Delta – WWF*
Sustainable aquaculture / rice production and restoration of sediment balance: feasibility study (Deltares)
- *Singapore Centre for Livable Cities / PUB*
BwN for East Coast Developments
- *Building with Nature Asia Platform*
Accelerating adaptation through BwN in Asia



Accelerating Adaptation through BwN in Asia



The ambition



Development of a regional platform



KNOWLEDGE AND
CAPACITY BUILDING



POLICY AND
FINANCING



AWARENESS
AND BUY-IN

Kalindi Kunj/Delhi

INDIA

East Kolkata Wetland

CHINA

Bohai

Yangtze

Guangxi Beibu Gulf

North Coast of Manila

PHILIPPINES

Tacloban/Palo

Mandaue

MALAYSIA

Pasir Panjang

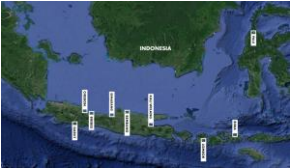
INDONESIA

Semarang

Bima

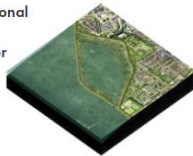
Lombok

Landscape propositions



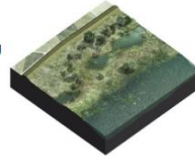
Inland buffer zone

- buffer zone for flood and drought conditions
- create a recreational destination
- provide space for aquaculture
- create habitat



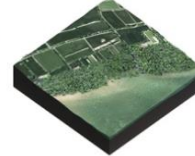
Building with vegetated foreshores

- trap sediment to adapt to sea level rise
- reinforce levees by additional sediment mass and increasing seepage length
- attenuate waves
- create habitat



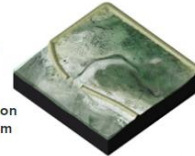
Mixed mangroves aquaculture practice

- trap sediment to raise land and adapt to sea level rise
- attenuate waves
- create habitat
- support fisheries



Introducing tidal dynamics

- restore connections between waterbodies
- bring oxygen-rich water into stagnant locations
- enhance nutrient circulation
- enhance the function of the overall system



Timeline Building with Nature Asia

2019

INITIATION

July '19, Netherlands:
BwN Asia regional
event in: explored
interest in the initiative

Sept '19, USA: New
York Action Summit
Shared Ambition BwN
Asia announced:
Wetlands International,
EcoShape, MMAF, GCA

2020

EXPLORE AND CONVENE

June '20: Regional Online
Training BwN

Country, regional and global
stakeholder consultations:
2020, ongoing, at:

- Political level
- Expert level
- In different shapes and
pace across 5 countries

Focus, to identify:

- Interest Building with
Nature approach
- Landscape propositions
- Barriers & enablers for
BwN
- Stakeholder & partners

2020 - 2021

SHAPE AND MOBILIZE

Development of Action Plan
Drafting, Feedback, Deepening

- Regional programme
- National programmes
- Landscape propositions

Feedback round through consultations
(workshops, bilaterals, reviews)

ANNOUNCE

25 January 2021, Climate Adaptation
Summit:

Consortium and countries commit to
action and present BwN Asia Action Plan

2021 onwards

ADAPT AND DEEPEN

Feedback round through consultations
(workshops, bilaterals, reviews)

Bilaterals and consultations to secure
political support and identify financing
mechanisms

MOBILISE RESOURCES & PHASE 2 DESIGN

- Step up fundraising efforts
- Multi-stakeholder BwN design process
in selected landscapes
- Detailed policy analysis for creating an
enabling environment
- NDC's – COP26

Expert and
political interest

Foundation for
Action Plan

Finalize the Action Plan

Timeline Building with Nature Asia

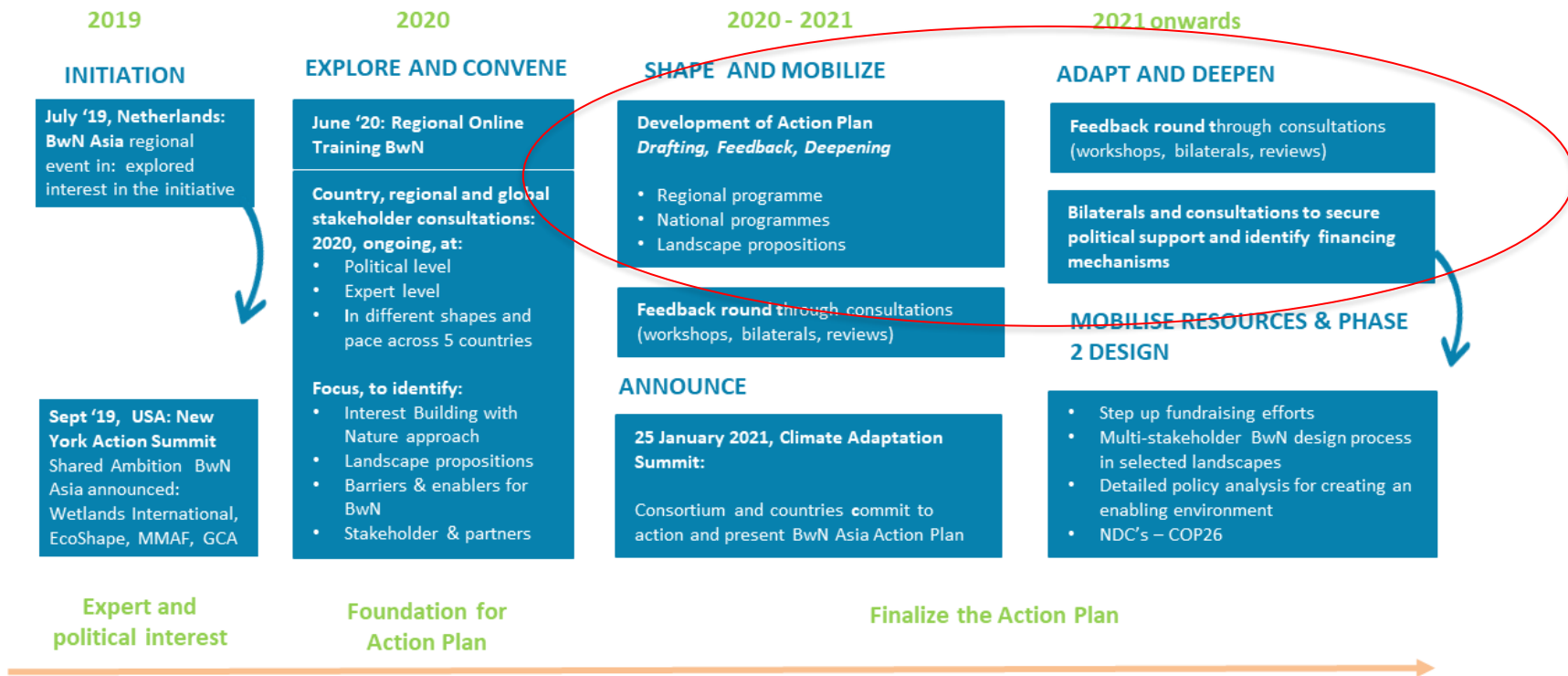


Table BwN Asia 2021

Further develop each individual track

Develop Action Plan for BwN Asia 'Platform'

Map and connect BwN leads in the Asia region

A photograph of a mangrove forest. In the foreground, the dense, reddish-brown prop roots of mangrove trees are visible, extending from the water and soil. The trees have lush green foliage. In the background, the calm blue water of a bay or lagoon stretches to the horizon under a clear blue sky.

Thank you

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EcoShape

building with nature