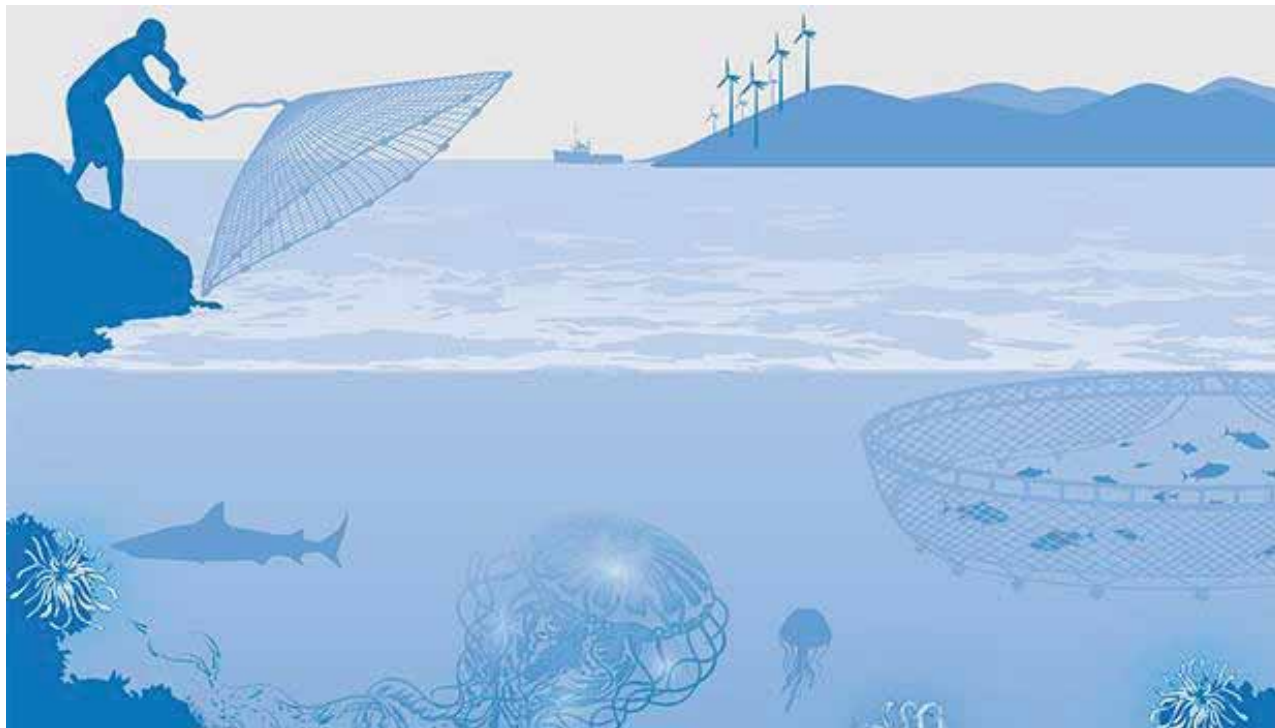


National Seminar

***Blue economy of Bangladesh  
Perspective Poverty reduction & Sustainable development***



21 July, 2018 at CIRAP Auditorium, Dhaka

[www.coastbd.net](http://www.coastbd.net)

# Blue Economy: Concept and Evolution

- Discourse initiated in UNCSD (UN Convention for Sustainable Development) in 2012
- Consider Ocean as part of development
- Development must emphasize the environmental and Ecological balance



# Blue Economy: Global Perspective

- US\$ 3-5 trillion/yr.
- Roughly 4-5 million job at present [e.g. EU & WB]
- Promising source of mitigating climate change impact [major sink for anthropogenic emissions, absorbing 25 percent of the extra CO<sub>2</sub>]



# Blue Economy: Promising Sectors in Economic Development

Sectors	Activities	Drivers of Growth
<b>Fishing</b>	Capture fishery, Aquaculture, seafood processing	Food Security Demand on Protein
<b>Marine Biotechnology</b>	Pharmaceuticals, chemicals, seaweed harvesting, seaweed products, marine derived bio-products.	R & D Health Care Industries
<b>Minerals</b>	Oil and gas, deep-sea mining (exploration of rare earth metals, hydrocarbon)	Energy supply Minerals resource
<b>Marine Renewable Energy</b>	Offshore wind energy production, wave energy production, tidal energy production	Demand for alternative energy sources

# Blue Economy: Promising Sectors in Economic Development

Sectors	Activities	Drivers of Growth
<b>Shipping, Port &amp; Maritime logistics</b>	Ship building and repairing, ship owners and operators, shipping agents and brokers, ship management, liner and port agents, port companies, ship suppliers, container shipping services, stevedores, roll-on roll-off operators, custom clearance, freight forwarders, safety and training.	Growth in seaborne trade and International regulations
<b>Marine manufacturing</b>	Boat manufacturing, sail making, net manufacturing, boat and ship manufacturing and repairing, marine instrumentation, aquaculture technology, water construction, marine industrial engineering.	Same above

# Blue Economy: Promising Sectors in Economic Development

Sectors	Activities	Drivers of Growth
<b>Marine Tourism &amp; Leisure</b>	Sea fishing by boats, sea angling from the shore, sailing at sea, boating at sea, water skiing, jet skiing, surfing, sail boarding, sea kayaking, scuba diving, swimming in the sea, bird watching in coastal areas, whale, dolphin watching, visiting coastal natural reserves, trips to the beach, seaside and islands,	Employment and growth with global tourism
<b>Marine Commerce</b>	Marine financial services, marine legal services, marine insurance, ship finance & related services, charterers, media & publishing.	Provide ocean services
<b>Marine ICT</b>	Marine engineering consultancy, meteorological consultancy, environmental consultancy, hydro-survey consultancy, project management consultancy, ICT solutions, geo-informatics services, yacht design, submarine telecom.	Do

# Why should Bangladesh focus on Blue economy

- Maritime victory
- Future challenge of agriculture in our country.
- Future population & Food Security will be a challenge.
- BoB also be a part of our economic development strategies
- Achieve SDGs by reducing environmental degradation



# Blue Economy: Opportunities for Bangladesh

## Fisheries in BoB: Growth & Poverty reduction achieve together

- Around 298 varieties are available with commercially viable stock
- Opportunities for engage coastal population in fisheries
- Policy, investment and technologies can produce higher value than existing





# Blue Economy: Opportunities for Bangladesh

## **Salt production: BD can turn as exporting country**

- 55,000 population engaged with BDT 3,000 cr. Transaction
- Existing production could be double including new areas in coastal belt.
- Introduce technologies for other mineral salt (e.g. Magnesium, gypsum etc.)



# Blue Economy: Opportunities for Bangladesh

## Coastal Tourism: Source of earning billion of foreign currency

- We are proud for world largest Sea-beach
- We also have large mangrove forest.
- All coastal districts are suitable for tourism
- Appropriate policy and investment can create huge employment and foreign remittance.



# Blue Economy: Opportunities for Bangladesh

## Port & Shipping: Opportunities to establish as global trade hub

- Around 90,000 ships moving through BoB & Indian Ocean.
- 9.8 billion MT products are being transported/yr.
- China “Belt & Road Initiatives” (include 60 countries globally)

**Constructing Deep Sea port with increasing capacity of logistic services can realize the dream**



# Blue Economy: Opportunities for Bangladesh

## Renewable Energy: Can meet our long term demand

- By 2030, we need 27000 MW (200% than existing)
- But challenge is CC and BD committed to shift her power system 5-15% through Renewable Energy (RE).

## Where our opportunities

- Almost 100% feasibility of RE
- Windmill (Study suggest 2-2500 MW)
- Challenges are to reducing the production cost of RE



# Blue Economy: Opportunities for Bangladesh

## Ship Building & Breaking: Contributing infrastructures dev. Growth

- 3<sup>rd</sup> largest ship breaking country globally and meeting 51% raw material of our rolling industries.
- Challenges are environmental and human safety?
- Ship building industries also promising in future context (value addition only 10-15% at present)

**We require more policy space to expedite investment and technology integration.**



# What we needed realizing the dream through Blue Economy

**An appropriate policy framework that encompass**

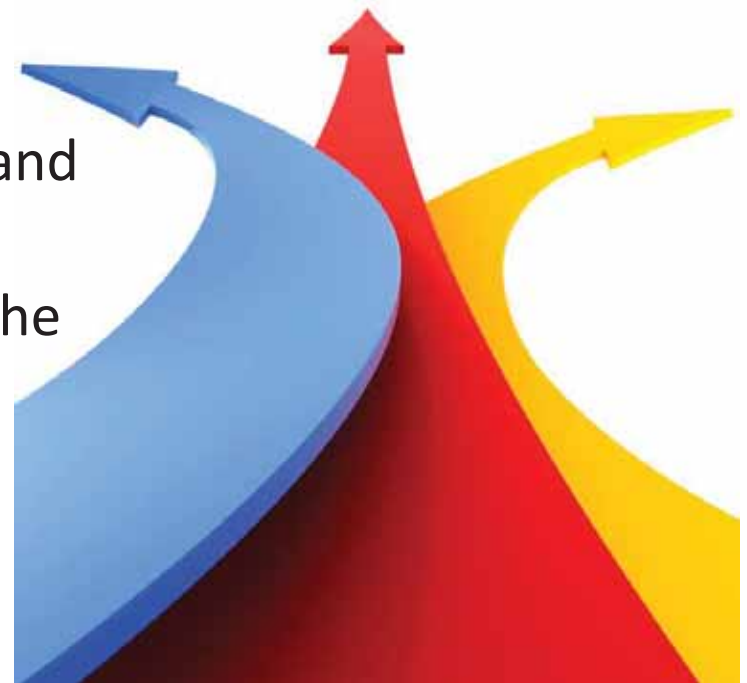
- Employment generate for poor
- Ensure access to coastal resources (especially fisheries)
- Social Equity and gender
- Address environment and climate change
- Ensure balance investment to create opportunities for both poor and capitalist



# What we needed realizing the dream through Blue Economy

## **Institutional capacity also needed**

- Develop long term strategic plan
- Inclusion related ministries, sector and departments in planning coordinating and implementation process
- Engage CSOs, academicians, experts in the process.



**Thank You All**