

# Blue Economy Hall

Startups Lounge



Nor-  
Shipping

Your arena for  
ocean solutions



**The Blue Economy is sustainable use of ocean resources for economic growth, improved livelihoods and jobs, and ocean ecosystem health**



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# **Nor-Shipping builds the Blue Economy Hall on the 17 UN Sustainable Development Goals**



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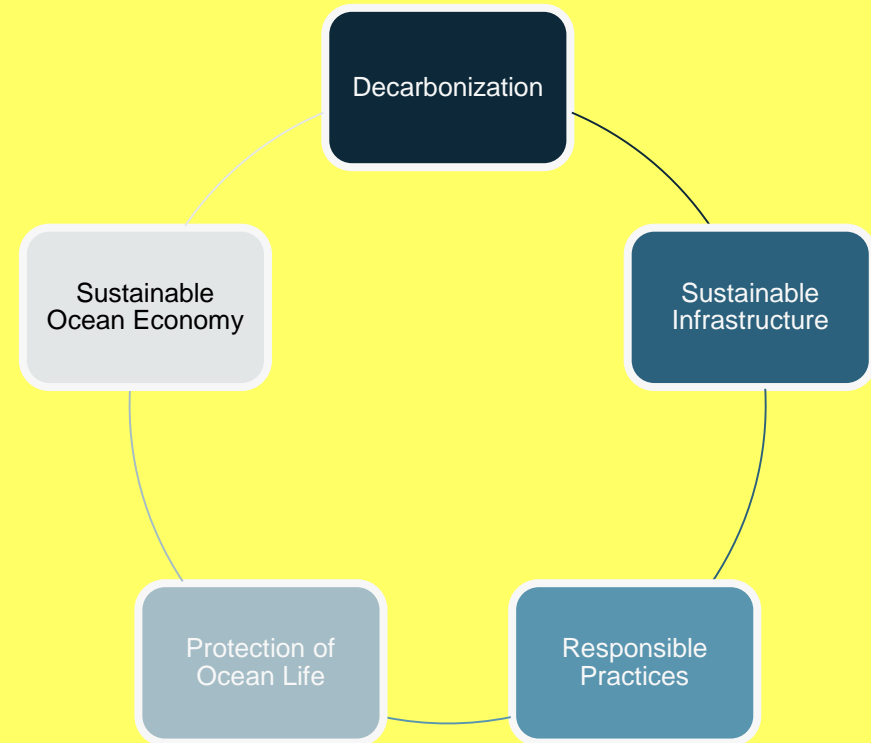
# Are you a startup within the Blue Economy?

**Are you still searching for your scalable and repeatable business model?**

If YES, you are eligible to apply for one of our 20 exclusive plug-and-play exhibition slots at Nor-Shipping 2019!

Your cost is only 25.000 NOK + VAT

10 sqm plug-and-play slot in the Startup Lounge  
No registration fee



# The Blue Economy Maritime Opportunities in 5 sectors



Shipboard  
Solutions



Ports &  
Terminals  
Solutions



Underwater  
Solutions



Cross-Industry  
Solutions



Business  
Solutions



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## Shipboard Solutions

- Unconventional Power Solutions
- Carbon free/low solutions
- Autonomous/Unmanned ships

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## Ports & Terminals Solutions

- Carbon monitoring
- Sea-to-shore coordination
- Drones

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## In Water Solutions

- Underwater Drones
- Smart Hull-Cleaning

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## Cross-Industry Solutions

- Software as a Service solutions
- Blockchain/Data/

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## Business Solutions

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- Digital trade solutions
- Smart Steaming



## Shipboard Solutions

- Short-sea autonomous shipping
- Vessel and transportation demands of the future
- Cradle-to-cradle ship design

## Ports & Terminals Solutions

- Zero emission port stay
- Smart monitoring of particles
- Smart energy ecosystems

## In Water Solutions

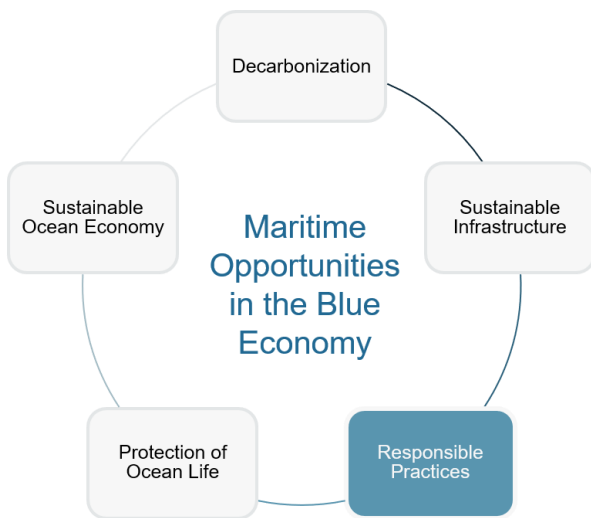
- Drinking water production
- Energy generation

## Cross-Industry Solutions

- Port Infrastructure
- Maritime Spatial Planning
- Additive manufacturing / 3D-Printing

## Business Solutions

- No-food-waste transport chain
- Commercial routes for short-sea shipping
- Water transport



## Shipboard Solutions

- Crew awareness and training tools (virtual learning)
- Human Rights
- Operational transparency and freight openness

## Ports & Terminals Solutions

- Responsible port development in developing regions

## In Water Solutions

- Marine waste
- Environmental awareness and stewardship promotion

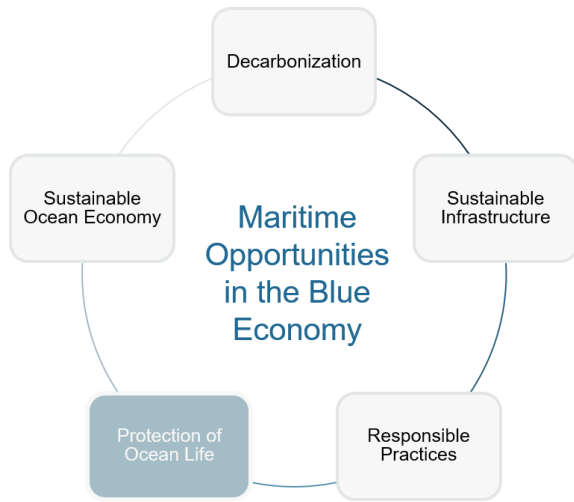
## Cross-Industry Solutions

- Circular economy solutions
- Cross-industry mutual objectives-driven solutions
- Responsible tourism

## Business Solutions

- Digital solutions to identify fraud etc.
- End-user rating schemes etc.





## Shipboard Solutions

- Ocean surveillance /Ocean data monitoring
- Ocean micro plastics and pollution collection
- Whale alert systems
- No transfer of alien organisms
- Onboard waste

## Ports & Terminals Solutions

- Waste recycling in ports
- Emergency response capabilities

## In Water Solutions

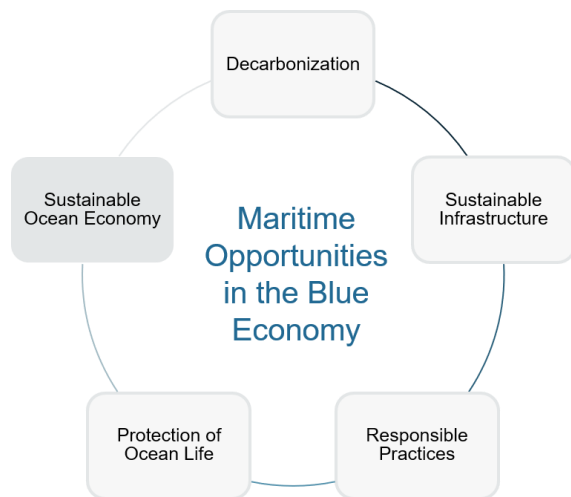
- No transfer of alien organisms (hull coatings, novel water treatment solutions)
- Waste to fuel
- Monitoring solutions

## Cross-Industry Solutions

- Ocean surveillance
- Arctic resilience

## Business Solutions

- End-of-life of ships
- Shipper transparency tools (ie. Charterer demands for vessel information)



## Shipboard Solutions

- Cyber security
- Fish catch transparency

## Ports & Terminals Solutions

- Ocean plastics port reception
- Emergency pollution response tools
- Vessel monitoring

## In Water Solutions

- Ocean harvest
- Clean energy
- Removal of invasive algae etc.

## Cross-Industry Solutions

- Blockchain for transparency
- MPA surveillance
- Ocean data governance

## Business Solutions

- Marine spatial planning as a business enabler
- Cyber security

# Send your application to:

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