

PROPOSAL BLUE ECONOMY INDEX (BECdex)



Certification Body :



In Collaboration With :



Developed By :



**KEMENTERIAN KOORDINATOR
BIDANG KEMARITIMAN
DAN INVESTASI**



Ekonomi Biru

"Amanat Presiden Joko Widodo"

Musrembangnas
04 Mei 2021

"... Sustainable Blue Economy menjadi agenda yang harus diprioritaskan di semua wilayah pantai yang kita miliki..."

Sidang Tahunan MPR
RI 16 Agustus 2021

"... Ekosistem investasi dan kolaborasi di dunia usaha ini juga dimaksudkan untuk memperkuat perkembangan ekonomi berbasis inovasi dan teknologi, khususnya ke arah Ekonomi Hijau (Green Economy) dan Ekonomi Biru (Blue Economy) yang berkelanjutan..."

Acara Puncak Hari Maritim
Nasional

"...Sudah seharusnya kita memperkokoh Ekonomi Biru kita, Blue Economy kita. Identitas Indonesia sebagai bangsa maritim harus terus menerus kita pulihkan dan kokohkan..."



WHAT IS BLUE ECONOMY ?

Blue Economy is the sustainable use of marine resources to reduce ecological scarcities and environmental risk, to improve food security, human wellbeing, quality jobs, poverty eradication, economic growth, also to ensure sustainable production and consumption that encompasses all related stakeholders.

(Akhir et al., 2021)

The Legal Basis and International Commitment of Blue Economy Development in Indonesia

- The Law of the Republic of Indonesia No. 32 of 2014 on Marine Affairs
- Presidential Regulation No. 16 of 2017 on Indonesian Ocean Policy
- Vision of National Maritime Development 2045
- Blue Economy Development Framework for Indonesia's Economic Transformation (2021)
- G20 Bali Leaders' Declaration (2022)
- ASEAN Leaders' Declaration on Blue Economy (2021)
- ASEAN Outlook on the Indo-Pacific (2019)
- Declaration of the Indian Ocean Rim Association on the Blue Economy in the Indian Ocean Region (2017)
- Manado Joint Declaration on the Establishment of the Archipelagic and Island States Forum (2018)
- Joint Statement on Cooperation in the Field of Blue Economy Between Sweden and Indonesia (2021)
- Australia-Indonesia Joint Statement on Cooperation on the Green Economy and Energy Transition (2021)





Certification by



PT Mahakarya Maritim Indonesia

Developed by



STIE INDONESIA
Jakarta



KEMENTERIAN KOORDINATOR
BIDANG KEMARITIMAN
DAN INVESTASI





is an **international standard and toolkit** to **identify and certify** companies categorized as **maritime companies** running their business meeting the principles of blue economy to support the achievement of sustainable development goals in the coastal states



Accreditation: on progress
by Komite Akreditasi Nasional
(KAN)



PT Mahakarya Maritim Indonesia

An Institute of Product,
Process and Services Certification



“Coastal State is a state with a sea-coastline”



153 OF 193

UN Member States
are coastal states

References

- Molenaar (2015)
- United Nations Convention on the Law of the Sea, 1982
- Convention on the Legal Status of the Caspian Sea, 2018



Maritime Companies

“Profit organizations that operating their business in blue economy sectors and/or taking places in the ocean and coastal areas”



Marine Fisheries and Aquaculture



Maritime Transport, Shipping, and Ports



Marine Tourism and Cruise Ships



Marine Biotechnology and Bioproducts Processing



Seawater Desalination



Deep Sea Mining, Oil, and Gas



Marine Renewable Energy



Ship and Boat Building



Ocean Building



Marine Defense and Security



Maritime Research and Education



International Publication

The 9th International Conference on Business, Management and Governance (ICBMG 2021)

Virtual Conference
University of Western Australia (UWA)
Perth, 12-14 July 2021
via 

ICBMG 2021
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Paper Title:
Designing and mapping the Blue Economy Company Index (BECONNEX) to the Sustainable Development Goals (SDGs) for Maritime Companies in Coastal States

Authors


Kaisar Akhir
 Lecturer, Indonesia College of Economics (STEI)
 Founder & Chairman,
 Indonesian Maritime Youths
 (Maritim Muda)


Basilio D. Araujo
 Deputy Coordinating Minister for
 Maritime Sovereignty and Energy,
 Coordinating Ministry for
 Maritime Affairs and Investment
 Republic of Indonesia


Fauzan S. D. Farand
 Director of Program and
 Partnerships, Indonesian
 Maritime Youths
 (Maritim Muda)


Mochamad G. G. Nahumari
 Manager of Marine
 Conservation, Sports and
 Tourism, Indonesian
 Maritime Youths
 (Maritim Muda)

Presenter: Kaisar Akhir

July 13, 2021
14:15- 14:30 WITA (UTC +8)
Zoom Meeting

 **SEKOLAH TINGGI ILMU EKONOMI INDONESIA**  

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Designing and Mapping the Blue Economy Company Index (BECdex) to the Sustainable Development Goals (SDGs) for Maritime Companies in the Coastal States

Kaisar Akhir
STEI Innovation and Consulting (Innovatic) Center
Indonesia College of Economics (STEI)
Jakarta, Indonesia

Basilio D. Araujo
Deputy Minister for Coordination of Maritime
Sovereignty and Energy
Coordinating Ministry for Maritime Affairs and Investment
of the Republic of Indonesia
Jakarta, Indonesia

Fauzan S. D. Farand
General Secretariat
Indonesian Maritime Youths (Maritim Muda)
Jakarta, Indonesia

Mochamad G. G. Nahumari
Division of Marine Conservation, Sports and Tourism
Indonesian Maritime Youths (Maritim Muda)
Jakarta, Indonesia

Abstract: This research aims to design a toolkit that helps governments in guiding and assessing maritime companies to implement blue economy principles for supporting the achievement of sustainable development goals (SDGs) in coastal states. Currently, there are 153 of 193 United Nations member states which are coastal. Coastal states are playing an important role in ocean economy development in the world while have been impacted by many environmental problems. The environmental, social, and economic aspects should be considered in blue economy business to reduce ecological wastefulness and environmental risk, to improve food security, human well-being, quality jobs, poverty eradication, economic growth, also to ensure sustainable production and consumption. To support blue economy business in coastal states, a toolkit of the Blue Economy Company Index (BECdex) has been designed. BECdex would be able to assess and guide maritime companies to implement blue economy principles and achieve the relevant SDGs. Maritime companies are profit organizations that operating their business in blue economy sectors and taking place in the ocean and coastal areas. The methodology used in this research includes designing a structure of the index through selection, classification, and modification from the existing blue economy concepts to set the aspects, outcomes, principles, and indicators of BECdex and mapping the index to SDGs. Besides the index scoring formula had been created. BECdex can classify maritime companies into three categories of leading, soundly Excellent Blue Economy Company, Good Blue Economy Company, and Standard Blue Economy Company based on their implementation of BECdex indicators. The indexing will be conducted on a website. Finally, this toolkit is expected to be an innovative solution to encourage companies in blue economy sectors to voluntarily implementing the blue economy in supporting the achievement of SDGs in coastal states.

Keywords: Blue Economy Company Index; Coastal States; Maritime Company; Sustainable Business; Sustainable Development Goals.

1. INTRODUCTION

The surface of the earth is covered more than two-thirds by sea and oceans. They play a significant role in economic growth, sustainable development, and livelihoods because they provide food, minerals, oxygen, control climate change by absorbing greenhouse gases, determine the weather, and serve as shipping and international trade routes [1].

The contribution of the world ocean-based economic sectors is approximately between US\$2.5-4 trillion annually with more than three billion people depend on marine and coastal resources for their livelihoods [2]. Despite their important role and support for the global economy, current patterns of marine and coastal development tend to be unsustainable for long-term growth [2].

A Coastal State is generally a state with a sea coastline [3]. Currently, there are 153 of 193 United Nations member states which are coastal, about 60 percent of the global population lives within 100 kilometers of the coast and more than 600 million people live in coastal areas that are less than 10 meters above sea level [4]. It is estimated that 70 percent of the world's population would reside within 200 kilometers of shoreline by 2023 [5].

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BECdex

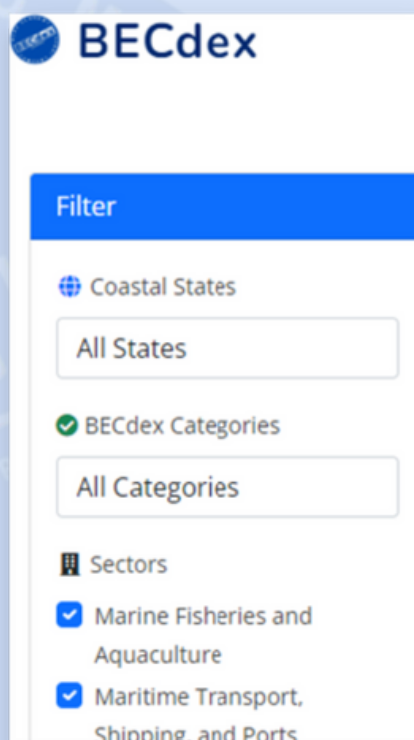


What are the benefits for the company?

Blue Economy Label



List of Blue Economy Company at website becdex.com



Training for Trainers



Benefits



Companies

- Get an appreciation and recognition of their efforts to implement blue economy principles in order to support sustainable development
- Can brand themselves as the ocean-friendly companies with the label of Blue Economy Company



Governments

- Assisted to guide and assess blue economy implementation by maritime companies
- Assisted to accelerate the achievement of SDG targets in their respective coastal states



Societies

- Increased decent work
- Improved prosperity
- Social equity and social inclusion

"Oceans, seas and coasts be healthier"



**There are 17 goals and 49 targets of SDGs
would be supported by the BECdex indicators**



Structure of BECdex

The structure of BECdex consists of **3 aspects, 8 outcomes, 10 principles and 50 indicators** which are mapped to SDG targets

Enviromental Aspect

Principles : marine biodiversity conservation, marine pollution control, energy and water management

Social Aspect

Principles : safe and healthy working environment, social inclusion, social equity, and labor rights protection

Economy Aspect

Principles : wage standards fulfillment, tax and insurance compliance, competitive and circular economy

Eight outcomes

1. Food security
2. Reduced ecological scarcities
3. Reduced environmental risk
4. Improved human well-being
5. Quality jobs
6. Poverty eradication
7. Economic growth
8. Eustainable production and consumption

Principles of Environmental Aspect

Marine Biodiversity Conservation

1. Conformity to Marine Spatial Plans
2. Marine Ecosystem Restoration/Protection
3. Prohibition of Destructive Practices

Marine Pollution Control

1. Water-related Ecosystem Restoration/Protection
2. Clean Water System
3. Waste water Management
4. Waste Disposal
5. Waste Management Plan
6. Greenhouse Gas Accounting
7. Greenhouse Gas Reduction
8. Single-Use Plastic Reduction

Energy and Water Management

1. Water-use Management Plan
2. Energy-use Management
3. Energy-use Reduction
4. Renewable and Clean Energy Utilization



Principles of Social Aspect

Safe and Healthy Working Environment

1. Access to Education
2. Access to Residence and Sanitary Amenities at Work
3. Access to Safe Food and Drinking Water at Work
4. Access to Medical Care and Insurance at Work
5. Safety Working Conditions

Social Inclusion

1. Healthy Working Conditions
2. Community Consultation
3. Local Hiring
4. Local Culture and Product Promotion

Social Equity

1. Access to Natural Resources
2. Freedom of Association
3. Non-Discrimination
4. Collective Bargaining
5. Women's Labor Rights
6. Youth Employment

Labor Rights Protection

1. Employment of Persons with Disabilities
2. No Forced Labor
3. Minimum Age and No Child Labor
4. Equal Remuneration
5. Seasonal and Part-time Workers Employment
6. Fair Contract for Employees
7. On Time Payment of Wages
8. Legal Working Hours
9. Paid Pregnancy, Parental, and Sick Leave
10. Retirement Benefits



Principles of Economic Aspect

Wage Standarts Fulfillment

1. Minimum Wage
2. Living Wage

Tax and Insurance Compliances

1. Premiums
2. Tax Compliance
3. Retribution Payment

Competitive and Circular Economy

1. Agreement with Traders/Costumers
2. Product Recycling and Reuse
3. Innovation and Technological Intervention
4. Local Micro-, Small-and Medium-Sized Enterprises Development
5. Digital Transformation

Scoring Formula of the Index

$$Score = \frac{n}{N} \times 100$$

n = Number of achieved indicators of company

N = The sum of indicators on the index (50 indicators)

Based on the index score, a **company** can be classified into **3 categories**

Category	Score
Excellent Blue Economy Company	90 – 100
Good Blue Economy Company	80 – 88
Standard Blue Economy Company	70 – 78
Not a Blue Economy Company	0 – 68

A company should meet 70 percent of BECdex indicators in each aspect to be classified as a Blue Economy Company.

11 of 15 indicators of environmental aspect

18 of 25 indicators of social aspect

7 of 10 indicators of economic aspect





HOW TO BE CERTIFIED AS BLUE ECONOMY COMPANY?

STEP 1

Go to becdex.com



STEP 2

Create an Account



STEP 3

Upload Documents



FINALLY

BECdex
Certificate



STEP 5

Document
Verification and
Location Survey



STEP 4

Early bid payment
~~USD 2,980~~
USD 2,086

DISC30%



Display from Becdex.com

Blue Economy Company Index (BECdex)

What is BECDex?
Blue Economy Company Index (BECdex) is an international standard and toolkit to identify and certify companies categorized as maritime companies running their business meeting the principles of blue economy to support the achievement of Sustainable Development Goals (SDGs) in the coastal states.

The BECDex certification process is executed by Maritimepreneur International Certification Center (MICC) as a certification body.

How to be certified as a Blue Economy Company??
A company should register and follow the process of certification through submission of some documents and then do a certification fee payment of USD 2,980. After the assessment and verification process completed, a company will get an e-certificate with label as a Standard (score: 70-78), Good (score: 80-88), or Excellent (score: 90-100) Blue Economy Company.

To certify your company : [CLICK HERE](#)

[Learn More](#)

How to be certified as Blue Economy Company?

```

graph LR
    A[Go to becdex.com] --> B[Click Registration and Create an Account]
    B --> C[Upload Documents]
    C --> D[Payment USD 2,980]
    D --> E[Document Verification and Location Survey]
    E --> F[BECdex Certificate]
  
```



Registration Company

Create an Account!

Company Name

Company Name

Email Address

Email Address

Password

Repeat Password

Password

Repeat Password

Country

Choose

Blue Economic Sectors

Choose

Pic Name

Pic Position

Pic Email

Pic Phone

* Company is responsible for fulfilling Blue Economy Company Index (BECdex) certification requirements and willing to provide access to locations or information needed by Maritimepreneur International Certification Center (MICC) in carrying out certification activities.

☐ Accept

Register Account

[Forgot Password?](#)
[Already have an account? Login!](#)



BECdex



How to Contact Us?

Office :
Indonesia Blue Economy Center (IBEC)

Campus C STIE Indonesia
Jalan Pratekan No. 9A
Rawamangun, Jakarta Timur, DKI Jakarta

Telp : +62 21 489 1137

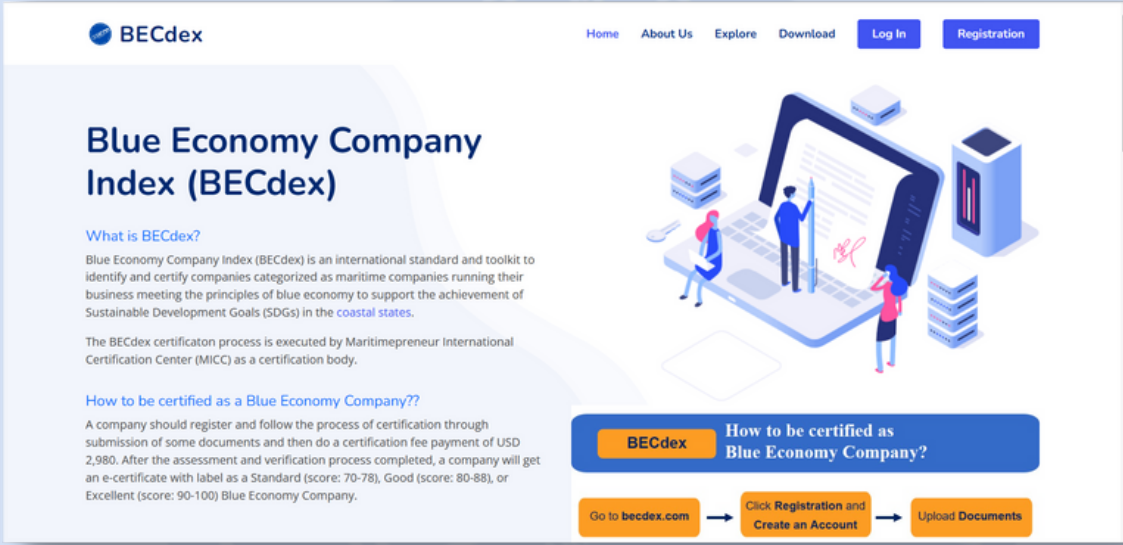
Email : info@becdex.com

Web : www.becdex.com

Video : <https://www.youtube.com/watch?v=aJP8HUVvGAI>



BE A BLUE ECONOMY COMPANY TO SUSTAIN OUR OCEAN, BUILD OUR NATION



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www.becdex.com

