

12 October 2026

Jakarta, Indonesia (UTC+7)

Venue: Mutiara Room Level 14, GMB 3 Building, Ditjen

PDS KKP, Kompleks KKP, Jl. Medan Merdeka Timur

No. 16, Gambir, Jakarta Pusat, DKI Jakarta 10110

Transforming Indonesia's Seaweed Sector

Project webpage: <https://unctad.org/project/transforming-indonesias-seaweed-sector>

Event webpage: <https://unctad.org/meeting/national-consultation-transforming-indonesias-seaweed-sector>

Background

The “Transforming Indonesia's seaweed sector” is a project implemented by the UN Trade & Development (UNCTAD) under the United Nations Expertise on Demand initiative, supported by the Joint SDG Fund. The project supports Indonesia in strengthening its seaweed by-product sector and advancing value addition within the seaweed economy.

Indonesia plays a central role in the global seaweed economy, but nearly two-thirds of its seaweed exports are raw seaweed. This limits the value captured domestically. Addressing bottlenecks and barriers towards higher-value production, processing and trade is critical for Indonesia to increase domestic value creation, strengthen competitiveness and generate wider social and environmental benefits.

The project seeks to identify and assess policy and regulatory options to increase domestic value addition in Indonesia's seaweed sector, promote downstream processing of seaweed-derived products, improve market access and strengthen the competitiveness of small and medium-sized enterprises. The project focuses on higher-value seaweed-derived products, including biopolymers, bioplastics, bio-based packaging, biostimulants and fertilizers.

Stakeholder Consultation

The stakeholder consultation is part of UNCTAD's field mission to Indonesia. The consultation aims to bring together public institutions, seaweed-derived products producers, processors, technology providers, researchers, investors, buyers, and development partners to identify barriers and opportunities for upgrading Indonesia's seaweed sector.

The consultation will explore economically viable and environmentally sustainable pathways for producing higher-value seaweed-derived biopolymers, bioplastics, bio-based packaging, and biostimulants and fertilizers while improving income, resilience, and market participation among coastal communities, including women.

Participation in the consultation will be by invitation to key stakeholders. The consultation will be conducted in English and Bahasa Indonesia, with interpretation provided.

>> Partners

The Ministry of National Development Planning/National Development Planning Agency (BAPPENAS); UN Resident Coordinator Office in Indonesia; UN Joint SDG Fund.





Specific Objectives

The consultation will seek to:

- 1) Establish a shared understanding of the sector and assessment scope by reviewing global trends and market prospects for seaweed-derived products, defining the rapid assessment's objectives and expected outcomes, and presenting the preliminary product scope, value chain mapping, and regulatory assessment framework.
- 2) Gather expert insights and evidence on market and industry opportunities through an international panel involving relevant international partners and private-sector representatives, focusing on market data on international and domestic demand, priority products, company profiles, relevant projects, technology readiness, and commercialization prospects.
- 3) Identify barriers, enabling factors, and recommendations to strengthen Indonesia's seaweed-derived products value chain and create a supportive policy, regulatory, and institutional environment for sustainable industry development.

Methodology

The consultation will take an evidence-based and participatory approach, with three sessions each targeting the above specific objectives.

- 1) **Framing the discussion:** The UNCTAD expert team will provide an overview of recent global and national trade and production trends and market prospects for seaweed-derived products, with particular attention to emerging opportunities in biopolymers, bioplastics, bio-based packaging, bio stimulants and fertilizers. It will also introduce the objectives, scope, methodology, and expected outcomes of the rapid assessment. An open Q&A session with attendees will follow.
- 2) **Expert panel and private sector commentators discussion:** Panelists will present the objectives, implementation results, and lessons learned from relevant development partner projects related to priority seaweed-based products. Private sector commentators will then provide perspectives on the status, opportunities, and potential for scaling up these priority products in Indonesia. Each panelist and commentator will have **5 minutes** for their insights and comments (no presentation deck). The session will conclude with an open discussion and exchange of views with participants.
- 3) **Interactive workshop:** Building on stakeholders' comments and inputs, two co-facilitators will compile preliminary lists of key bottlenecks, opportunities, and potential policy recommendations. Stakeholders will be invited to validate, refine, prioritize, add, or remove items, as appropriate, and to provide supporting rationale, evidence, and practical insights. The discussions will inform the development of actionable policy recommendations to support the development, value addition, and scaling up of priority seaweed-based products.

Indicative Agenda

8:30 a.m. – 9:00 a.m.

Venue opens

9:00 a.m. – 9:30 a.m.

Opening remarks

Mr. Leonardo Adypurnama Alias Teguh Sambodo, SP, MS, PhD, Deputy for Food, Natural Resources and Environment, Indonesia's Ministry of National Development Planning/National Development Planning Agency (BAPPENAS)

Ms. Luz Maria de la Mora, Director of the Division on International Trade and Commodities, UNCTAD (by video)

Ms. Gita Sabharwal, United Nations Resident Coordinator, Indonesia



9:30 a.m. – 10:30 a.m.	SESSION 1: Global trend and Indonesia's production landscape of seaweed-derived products
Moderator	Mr. Mohamad Rahmat Mulianda , Director of Marine Affairs and Fisheries, Indonesia's Ministry of National Development Planning/National Development Planning Agency (BAPPENAS)
Panelists	Mr. David Jose Vivas Eugui , Chief a.i. Ocean & Circular Economy Unit, UNCTAD Mr. Boedi Sardjana Julianto , Senior Consultant, UNCTAD Comments & feedback by relevant Indonesian authorities (marine and fisheries, agriculture, trade, industry)
Q&A	
Description	This session will discuss recent global and national trends and market prospects for seaweed and seaweed-derived products, with particular attention to emerging opportunities in biopolymers, bioplastics, bio-based packaging, biostimulants and fertilizers. It will also introduce the objectives, scope, methodology, and expected outcomes of the rapid assessment and preliminary findings. Indonesian authorities on marine and fisheries, agriculture, trade, and industry will provide comments and feedback. In the Q&A, the panelists will also exchange opinions with the participants to build a shared understanding.
10:30 a.m. – 10:40 a.m.	Coffee Break
10:40 a.m. – 11:40 a.m.	SESSION 2: Expert panel on technical assessment and international cooperation opportunities on the priority by-products
Moderator	Mr. David Jose Vivas Eugui , Chief a.i. Ocean & Circular Economy Unit, UNCTAD
Panelists	Mr. Y.W. Junardy , President, UN Global Compact Network Indonesia (IGCN) Mr. Sudari Pawiro , National Chief Technical Advisor in Indonesia, UNIDO Ms. Patricia Purcell , Senior Advisor, UNDP Indonesia Mr. Pontas Tambunan , Secretary General, Indonesia Seaweed Industry Association (ASTRULI) Ms. Noryawati Mulyono , CEO and Co-Founder, PT Seaweedtama Biopac Indonesia Mr. Agus Sastra Wiguna , Director, Sea6 Energy Indonesia (Online)
Description	This session will bring together experts representing relevant development partners and national stakeholders. The panelists will discuss the technical and commercial potential of selected seaweed-derived products and share Indonesia's perspectives on international and domestic demand, market development, technology readiness, and investment opportunities. Discussions will draw on available data sources, profiles of companies producing seaweed-derived products, and examples of relevant projects and initiatives.
11:40 a.m. – 12:50 p.m.	SESSION 3: Bottlenecks, opportunities, and recommendations
Co-Facilitators	Ms. Siti Maftukhah , Associate Planner / Coordinator for Maritime Affairs and Value Added, Indonesia's Ministry of National Development Planning/National Development Planning Agency (BAPPENAS)



	Mr. Boedi Sardjana Julianto , Senior Consultant, UNCTAD
Rapporteur	Ms. Erza Shinta Faradia , Junior Planner, Indonesia's Ministry of National Development Planning/National Development Planning Agency (BAPPENAS)
Workshop	Stakeholders from the seaweed-derived priority sectors in Indonesia
Description	This session will have interactive discussion using sticky notes and whiteboards. Stakeholders will clarify the input and product requirements and identify the main barriers affecting the development and commercialization of Indonesia's seaweed-derived products. Stakeholders will then identify key opportunities, enablers, and formulate practical, prioritized recommendations for action. These recommendations will focus on strengthening the policy, regulatory, institutional, technical, and commercial environment for seaweed-derived products while aligning with Indonesia's broader objectives for the blue economy, industrial development, circular economy, agricultural productivity, and sustainable coastal livelihoods.
12:50 p.m. – 1:00 p.m.	Closing remarks Mr. Mohamad Rahmat Mulianda , Director of Marine Affairs and Fisheries, Indonesia's Ministry of National Development Planning/National Development Planning Agency (BAPPENAS)
1:00 p.m. – 2:30 p.m.	Appreciation Luncheon

Related resources

[United Nations Global Seaweed Initiative \(UNGSI\) | UN Trade and Development \(UNCTAD\)](#)

[Seaweed for development: Trade, regulations and standards for inclusive growth | UN Trade and Development \(UNCTAD\)](#)

[Leaving the shore: Marine-based substitutes and alternatives to plastics | UN Trade and Development \(UNCTAD\)](#)

Contacts

David Jose Vivas Eugui
Chief of Ocean & Circular Economy Unit, Trade, Environment, Climate Change and Sustainable Development Branch, Division on International Trade and Commodities, UN Trade & Development
david.vivaseugui@unctad.org

Diandra Pratami
Development Coordination Officer
UN Resident Coordinator in Indonesia
diandra.pratami@un.org

Siti Maftukhah
Associate Planner / Coordinator for Maritime Affairs and Value Added, Indonesia's Ministry of National Development Planning/National Development Planning Agency (BAPPENAS)
siti.maftukhah@bappenas.go.id