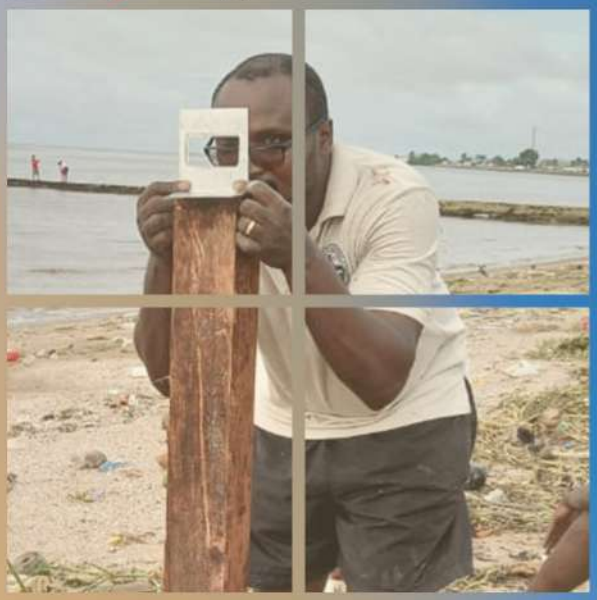
Archipelagic & Island States Forum

PROGRESS REPORT

2021- 2022

Fostering Collaboration, Enabling innovation



The Archipelagic and Island States (AIS) Forum is a **platform** that was initiated in 2017 designed to include **47 archipelagic and island states** regardless of their region, size, and development level.

A global initiative that brings together archipelagic and island nations to take part in a **collective forum addressing challenges**, that focuses on:

- **Climate Change Adaptation and Mitigation**
- **Marine Plastic Debris**
- **Blue Economy**
- **Good Maritime Governance**

- Antigua and Barbuda
- Bahamas
- Bahrain
- Barbados
- Belize
- Cabo Verde
- Comoros
- Cuba
- Cyprus
- Dominica
- Dominican Republic
- Fiji
- Federated States of Micronesia
- Grenada
- Guinea-Bissau
- Guyana
- Haiti
- Indonesia
- Ireland
- Jamaica
- Japan
- Kiribati
- Madagascar
- Maldives
- Malta
- Marshall Islands
- Mauritius
- Nauru
- New Zealand
- Palau
- Papua New Guinea
- Philippines
- Saint Kitts and Nevis
- Saint Vincent and the Grenadines
- Samoa
- Sao Tome and Principe
- Seychelles
- Singapore
- Solomon Islands
- Sri Lanka
- Suriname
- Timor Leste
- Trinidad and Tobago
- Tuvalu
- Tonga
- United Kingdom
- Vanuatu

(alphabetical order)

Dr. Abdul Wahib Situmorang
AIS Program Manager

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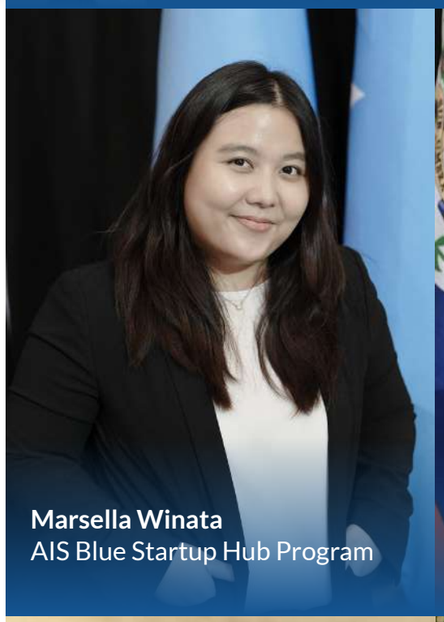
AIS Partnership and International Collaboration

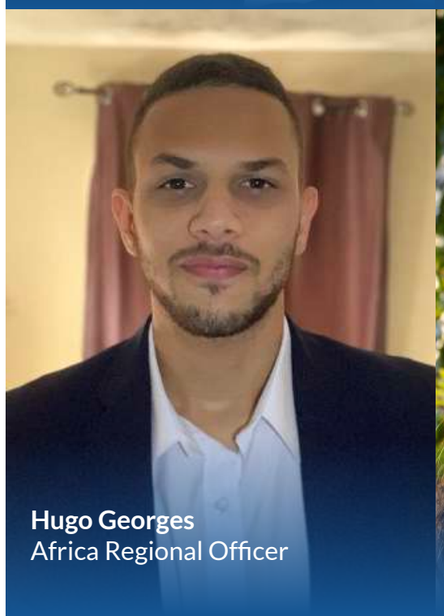
Livita Sumali
AIS R&D and University Network



Marsella Winata
AIS Blue Startup Hub Program

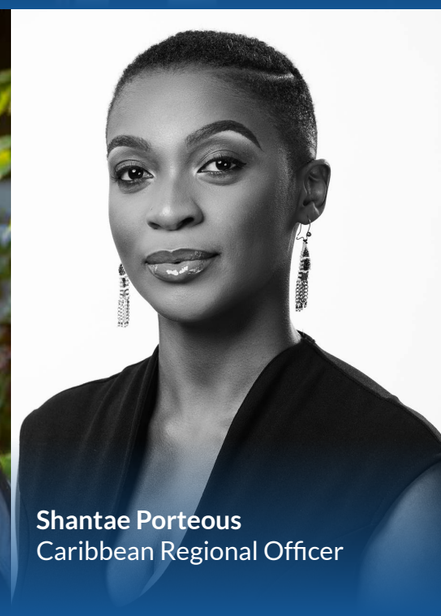
Adream Bais Junior
AIS Marketing and Communication

Richard Bosamata
Pacific Regional Officer



Hugo Georges
Africa Regional Officer

Deniz Ozturk
Europe Regional Officer



Shantae Porteous
Caribbean Regional Officer

For much of the past three years, the world has been wracked by the Covid-19 pandemic and focused on tackling it. As a result, it is easy to see why there could have been a shift of focus away from saving our oceans and planet.

But not for us. We have been hard at work.

ALL IN TWO YEARS

Executive Summary

The AIS Forum is an open-ended, complementary, integrated, and inclusive developmental forum that is in synergy with other global and regional initiatives. It serves as an avenue for collaboration and sharing expertise to generate smart and innovative solutions among archipelagic and islands states and its collaborative partners in the areas of climate change, economic challenges, and opportunities pertaining to the blue economy, marine plastic debris, and good ocean governance.

We are deeply concerned by the multidimensional impact and existential threats caused by climate change, compounded by the Covid-19 pandemic. Thus, we will continue our efforts to support and strengthen discussion and cooperation on the nexus of climate change and oceans within the United Nations Framework Convention on Climate Change and its 2015 Paris Agreement.

We underscore the crucial importance of our common goal to hold the global average temperature increase to well below 2°C above the pre-industrial levels, and pursue efforts to limit the temperature increase to 1.5°C. We call on development partners to support the climate change adaptation and mitigation efforts of developing countries to address this common global challenge.

The AIS Forum supports programs and activities that assist Forum participating countries. These include the Pacific Community Leadership Academy, Startup Weekend Pacific, Womenpreneurs, Innovation Ecosystem Incubator, Summer Course, Innovator Scholarship, Joint Research Grants, and Smart Innovative Solutions (technical aid).[1]

The AIS Forum has achieved remarkable results through collaboration between 31 countries. The secretariat has conducted more than 75 sessions on knowledge sharing, training, and technical assistance; provided four scholarships and four joint research grants; and developed innovative financing with more than 300 stakeholders in the areas of entrepreneurship, research and development, innovative financing, and international cooperation. The Forum has been actively engaged with youth through regional awareness program such as AIS Youth Ambassador, Beach Clean-up, mural paintings, and a series of workshop in four AIS regions.

The Blue Startup Hub initiative has engaged with more than 1,000 startups from 15 countries. The hub has successfully secured $2.8 million in savings for low-income customers; reduced the volume of marine plastic debris by 200 million pieces; replaced 125,000 plastic food containers per month; and substituted demand for fossil-based resins.

1 The full list of AIS Beneficiaries is available in the document titled *Beneficiaries' Information AIS 2021.*

The AIS Forum is one of the few platforms for archipelagic and island states that promotes the development of the blue economy.

The AIS Forum is also actively collaborating with the National Research and Innovation Agency (BRIN) of Indonesia to developed mobile applications for Carbon Inventory for Seagrass Ecosystem (CISE), Mangrove Health Index (MonMang), and Artificial Intelligence for Coral Reef Data Analysis, which can be used for several functions. This novel research method and technology can potentially be replicated in other AIS Forum participating countries with their own marine protection goals.

In 2023 and beyond, the AIS Forum will continue to expand its endeavors in all areas to nurture sustainable oceans and economies, and their people, and help them thrive.

Into the Blue

The missions of the AIS Forum Secretariat in 2021 fell under its four pillars, which deal with:

THE YEARS IN NUMBERS

The AIS Forum has successfully engaged and collaborated with

31
countries

start-ups and youth communities **1000**

75 **NGO and local communities**

groups of researcher and academia **100**

75 **private sectors**

PART 2

THE SEA AROUND US

Humanity has had tremendous impact on our world, increasingly so in recent centuries and decades. Those impacts have manifested as spiraling climate change and polluted oceans. We can learn from these past mistakes going forward, in the hope and conviction that our planet can be put right over the next century.

The current situation is dire on Planet Earth. Mother Nature is ailing, but it's not too late to make better, wiser, more informed choices. How do we do that? By constantly learning, relentlessly pursuing what to do right. It's about education, research and development, putting aside all competition and uniting the finest minds and institutions, employing people with the best skill sets.

This is what the AIS Forum believes is the best way forward, and this chapter deals with how we are pushing hard to develop and promote three key ingredients for a safer, healthier, more sustainable world:

Research and Development

University network

Blue Startup Hub

Blue Innovative Financing

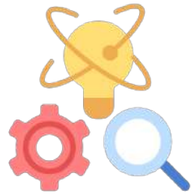
Smart and Innovative Solutions

Regional and Global Meetings

RESEARCH AND DEVELOPMENT

Research and development is the heartbeat, the pulse that powers the battle against major issues that put our oceans, and the marine life contained in them and the human life sustained by them, in mortal danger. Without continued research and development, and the funds to sustain it, the future is bleak.

Our R&D program brings together researchers from various universities, research institutions, and think tanks to work together on the frontline of the battle to solve the shared problems of archipelagic and island states.



24,500 USD total grant for joint research programs

30,000 USD total scholarship grant to various AIS participating

2 international publication from the joint research programs

Joint-Research Grant Program

Providing funding for research teams from multiple universities or academic institutions from AIS participating countries. The emphasis is on applied research, focusing on practical solutions to climate, environmental, and socioeconomic challenges affecting archipelagic and island states. The AIS Forum establishes academic networks through stakeholders such as universities, think tanks, civil society organizations, and other relevant institutions, while identifying and integrating activities and expertise of participating countries within the framework of international cooperation.

2021

The Guyana Coast, Catchment and Marine Observatory: Data Integration and Analysis for Monitoring of Coastal Dynamics

The **University of Guyana** and the **University College London**, United Kingdom.

This research project centers on improving the ability of decision-makers, environmental managers, conservationists, disaster risk managers, policymakers, and governmental and non-governmental institutions in making informed decisions for current and projected coastal change scenarios for Guyana, where the integration and combination of morphological data with other change causal real-time measurements are critical. The final goal is to develop a web-based data integration and analysis system to capture observation and monitoring at the catchment-coastal-marine interface. This development will raise the country's capacity and capability by providing open access to a range of environmental data sets across different platforms and time frames. These can be used to generate quantitative and qualitative information and support subsequent analyses for the benefit of Guyana's coastal environment stakeholders.

2022

Access to safe drinking water sources and risk mapping in relation to climate changein Papua New Guinea

The **University College Dublin** and the **University of Papua New Guinea**

It has been found that, due to a lack of running water or creeks in most island and coastal regions of Papua New Guinea, the majority of communities source their drinking water from wells. This research intends to assess access to wells and other freshwater sources, such as reservoirs and creeks, which provide clean drinking water for people living in these coastal areas of Papua New Guinea. It will also seek to analyze how coastal erosion and sea level rise are impacting this most essential resource and, indeed, predict future scenarios to try and identify areas or groups of people most at risk of losing access to freshwater sources

The AIS Innovator's Scholarship

The future of island and archipelagic states depends not just on the research and development being planned or conducted now. The key to sustaining cutting-edge research is to foster the researchers of the future. And the more the merrier. To invest in future brilliant minds, the AIS Forum this year awarded four scholarships in two categories to the brightest and best talents from participating states.

Entrepreneurship

The 2021 scholarships were awarded to Rakotoarisoa M.H. Sedera of **Madagascar** and Danica M.B. Aposaga from **the Philippines.**

Marine Science

The 2021 scholarships were awarded to Susana Vulawalu and Gabriel Mara, both from **Fiji**.

Dr. Temitope Oyedotun of the University of Guyana inspects the observatory point for data collection in Georgetown, Guyana.

UNIVERSITY NETWORK

Ensuring the sustainability of the climate we live in and the oceans our participating states depend upon for their very lives and livelihoods is about more than just what we do now. It is also crucial to invest in the generations to come: the future leaders and key voices and contributors to the continued battle to save and sustain our planet and its people. And the key to this is education.

As a result, the AIS University Network is an essential part of everything we do. It is an understatement to say the work of the network is just an investment in our future; rather, it is an investment in the functioning and survival of our oceans, our participating countries, and our people. The AIS Forum believes academic communities play a critical role in advancing research and development to solve today's most pressing issues.

Knowledge Sharing Sessions

Innovative Responses to Climate Change in Islands & Small States	University of Malta
Innovative Approach to Coastal and Marine Management	University of Guyana
Sustainable Fisheries in the Pacific	University of the South Pacific
Enhancing Climate Change Action through the Covid-19 Economic Recovery Effort	Dublin City University
Academic research mentoring program in collaboration	University of Canterbury
Conservation and Sustainability for Our Ocean, the Law as a Catalyst	University of Mauritius

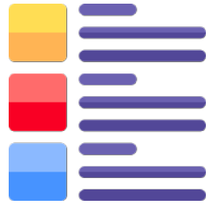
Training Programs

Virtual training on The Practical Ways of Integrated Coastal Spatial Planning-Based Ecosystem Adaptation (SPBEA)	Diponegoro University
Training on Ecological Technologies for Ensuring Sustainable Aquaculture as Coastal Zone Management	Diponegoro University
Youth leadership program on ocean governance in the Pacific	Fiji Leadership

Conferences and Summer Courses

Summer course on Traditional Fisheries and Technology in Sustainable Eco-Development	Diponegoro University
International Conference on Biospheric Harmony Advanced Research	Binus University
Summer course on the Hidden Gems of Mangrove Ecosystem in Indonesia	Diponegoro University
Sustainable City Conference	University of the West Indies

> 3,000 beneficiaries participated with AIS Forum programs



More than **20 topics** ranging within the AIS Forum pillars

At least **300 bags of unmanaged waste** is collected

Regional Awareness Programs

Beach cleanup and plastic recycling demo	OXFAM, Fiji
World Ocean Day: Solomon Islanders in a major beach cleanup	Solomon Islands National University
World Ocean Day: Guyana Youth Empowerment	University of Guyana
World Ocean Day: Mauritius Ocean Mural	University of Mauritius
Mangrove Awareness and Planting	University of Indonesia
Children Awareness Program	Malaita High School

A young man from Suva, Fiji, participated in the beach cleanup at Suva Point and Nasese with over 100 other youths, collecting more than 100 bags of waste.

BLUE STARTUP HUB

It takes the skillset of an entrepreneur to visualize and carry out what it takes to make a good idea into a great idea, and then translate that idea into a success. Entrepreneurs find innovative solutions to pressing problems, market demand, and failing projects. In short, they get things done, often by thinking outside the box. Innovation, enablement and problem solving, and resolutions are the go-to tools of any entrepreneur. That is why fostering the entrepreneurial spirit is a vital ingredient to our mission for a sustainable future. To achieve this mission, the AIS Forum Secretariat carries out the following initiatives:

AIS Blue Startup Hub Platform

A virtual door to accessing an expanding startup ecosystem to get connected, grow together and capture new market share as well as a platform to further promote and nourish the startup scene in archipelagic and island state countries. The platform has engaged more than 800 innovators from 16 countries: Singapore, New Zealand, the Philippines, Mauritius, Japan, Madagascar, Indonesia, Barbados, Saint Kitts and Nevis, the United Kingdom, Ireland, Cyprus, Fiji, Sri Lanka, Jamaica, and Cabo Verde. Access the website at **www.aisbluehub.com**

AIS Blue Hub Innovative Solutions

Partnerships between local and global communities and government authorities are essential in achieving the Blue Hub's objectives. The AIS Forum oversees two program activities in these areas:

IGNITING THE IDEA

+600 participants, 7 startups involved

INConnect: Sustainability

Virtual panel session discussing "Achieving a Sustainable Future for Indonesia" and a speed dating session with multiple startups.

72 participants, 20 startups involved

Funding Frenzy

Incubation program for student founders or student-led startups to gain funding (total of $500) through real challenges from investors and venture capitalists.

+200 participants, 55% women participation

SDG 14 Webinar Series

Two sessions of webinar exploring the efforts on mobilization, research and scaling-up toward implementing UN SDG 14.

46 participants, 48% women participation, 17 startups involved

Changemaker Nusantara Day 2022

Virtual exhibition to showcase innovative local changemakers, and encourages them to help tackle global challenges and create sustainable impacts.

26 participants, 77% women participation

Pacific Fireside Chat

In-person workshop at the Pacific region that focus on discussing opportunities in the blue sector as a way of addressing sustainability and climate change issues.

INNOVATION CHALLENGE

>50% women participation, 17 startups involved

Ending Plastic Pollution Innovation Challenge (EPPIC)

Brand-new ASEAN-wide competition calling for all innovators to share their bright ideas for tackling plastic pollution with the world. Four best team each received $18,000 to implement their pilot project in the designated areas of Mandalika in Indonesia, and the Samal Islands in the Philippines.

+100 participants, 80% women participation

Community Leadership Academy and Startup Weekend Pacific

Support innovators from the Pacific region to grow their startups through a series trainings from our experts.

AIS Blue Hub Support Program

The support programs aim to harness innovation and entrepreneurship through empowering the Micro, Small, and Medium Enterprise (MSME) space, women and marginalized communities with digital inclusion.

+20 women participation

Womenpreneurship

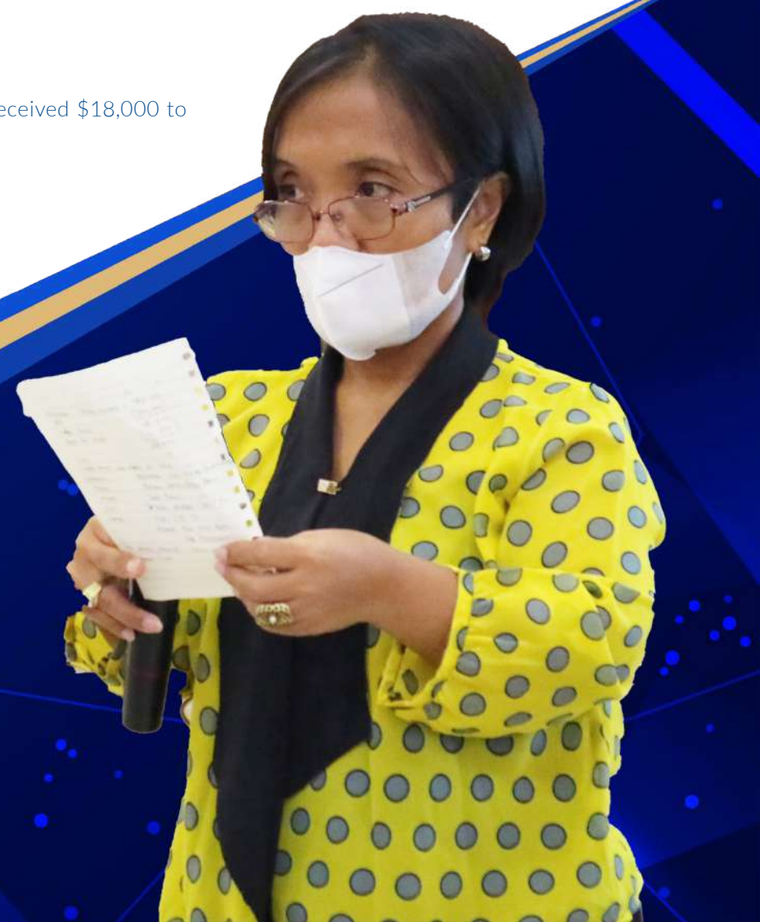
Training and capacity building for local women entrepreneur to expand their market penetration by identifying and adapting to trends and increasing their business productivity

+1120 participants, 61% women participation, 10% people with disabilities

Early Support for Enterprises through Capacity and Ecosystem Building (ESSENCE)

ESSENCE is a series of capacity building in business and financial and digital literacy that targeted women, youths, and people with disabilities living in coastal areas of Indonesia.

number of participants · women participation · people with disabilities · startups involved



A short-statured woman from Lombok, Indonesia, mentored 30 potential entrepreneurs about digital literacy for 3 days as part of the ESSENCE program.

BLUE INNOVATIVE FINANCING

Blue Financing Strategy

In October 2022, the Government of Indonesia and the Archipelagic and Island States Forum launched the Blue Financing Strategic Document. The Blue Financing initiative aims to encourage greater investments from the capital markets in sustainable ocean-based and ocean-related economic activities. The guidelines in the strategic document will encourage the development of innovative financial mechanisms to support marine conservation and other sustainable ocean-related projects. The initiative comprises three activities: development of a strategic document and framework; dissemination of information and public discussions; and project selection and financing.

The Blue Financing Strategic Document acts as guidance for investment in blue projects, focusing on eight sectors within the blue economy:

- Sustainable fisheries;
- Marine renewable energy;
- Waste management;
- Marine protection and restoration;
- Disaster management and risk reduction;
- Marine biotechnology;
- Tourism;
- and Marine technology.

It also outlines a grading system for each sector by measuring their impact based on environmental, economic, and social parameters.

In addition to the strategic document, the team has also developed a Blue Bonds and Blue Sukuk Framework, which can guide archipelagic and island states in issuing debt instruments to fund sustainable ocean projects. The framework explains the stages of issuing bonds and sukuk (Sharia-compliant bonds), from the management of proceeds to the project selection and evaluation process. It also describes the decision-making process used to determine the eligibility of projects and the final choice.

Blue Economy Development Index

The Blue Economy Development Index (BEDI) aims to help provide sustainable solutions for local, regional, and international actors to foster sustainable use of marine resources and promote the achievement of UN Sustainable Development Goal 14.

Its primary objective is to be used as a tracking tool to determine the current uses of coastal and marine resources across a range of parameters and levels of sustainability. It was created to collect data on all activities related to the sustainable use of coastal and marine resources, which can enable adaptive management strategies, improve policy frameworks, and ensure the efficient and equitable distribution of resources.

As of 2021, the BEDI algorithm method was accessible online to show overall ranking scales and indicators for 46 countries. This allows AIS countries to monitor and update the indicator data in index management.

www.bedi.aisforum.org

Two Fijian Women checking the MonMang 2.0 application to measure the Mangrove Health Index (MHI) of a local mangrove area in Fiji.

SMART AND INNOVATIVE SOLUTIONS

Seagrass Carbon Converter
In collaboration with Indonesian Research and Innovation Agency (BRIN), develop application to calculate seagrass carbon inventory and reducing carbon emissions.

Carbon Inventory for Seagrass Ecosystem
In collaboration with BRIN, develop an application to understand the potential blue carbon balance in a seagrass ecosystems.

Mangrove Health Index
In collaboration with BRIN, develop application to measure the health of mangrove ecosystems.

Maritime, Aviation Search & Rescue Planning
In collaboration with Indonesian Search and Rescue Agency, provide technical knowledge and skills for planning search and rescue operations in the event of accidents and disasters.

Weather Information Service
In collaboration with Indonesian Meteorology, Climatology and Geophysics Agency, provide basic training for weather forecasting, which can build technical capacity in the operation of the Climate Early Warning System.

Numerical Weather Prediction
In collaboration with Indonesian Meteorology, Climatology and Geophysics Agency, provide basic training for weather forecasting method that uses a set of equations that describe fluid flow, in this case Numerical Weather Prediction.

Ocean Forecast System
In collaboration with Indonesian Meteorology, Climatology and Geophysics Agency, provide basic training in improving the Flood Forecasting Early Warning System.

AIS Pledge to Ecotourism
Launched at a Ministerial Session in 2019, the pledge is based on the Palau Pledge

Implementation of SDGs in Tourism Industry
In collaboration with University of Gajah Mada, provide basic training focused on Indonesia's experience to encourage the implementation of SDGs in the marine tourism industry.

"Building with Nature" Coastal Management
In collaboration with Indonesian Ministry of Maritime Affairs and Fisheries, provide a workshop on Building with Nature Approach in Coastal Management

Deep Seabed Mining in the Area
In collaboration with Pacific Islands Development Forum, the Coordinating Ministry for Maritime Affairs and Investment, and the Max Planck Institute held a virtual International Seminar on Regulating Deep Seabed Mining in the Region.

Marine Spatial Planning
In collaboration with Ministry of Maritime Affairs and Fisheries, held an international discussion session on the Application of Marine Spatial Planning for Sustainable Marine Development.

Carbon Inventory for Seagrass Ecosystem (CISE)

The Carbon Inventory for Seagrass Ecosystem (CISE) is a platform that can estimate or calculate carbon stock and sequestration, potential baseline emissions, emissions leakage during mitigation activities, and possible emissions reduction. Developed by the AIS Forum in collaboration with the National Research and Innovation Agency (BRIN) of Indonesia, this has been proposed as a key part of efforts toward climate change mitigation through the conservation of seagrass ecosystems within marine protected areas.

MonMang Application and Training

MonMang is the first-ever digital application that supports research, monitoring, as well as public education about mangrove forests in Indonesia. The application features an Automated Mangrove Species Identification (AMSI) system that uses artificial intelligence analysis to process mangrove species identification. The AIS Forum facilitated the expansion of this application to Fiji during a program from September 26-30, 2022, in which local communities were trained on how to use the Mangrove Health Index to benefit mangrove ecosystem conservation, alongside essential data collection and analysis skills to effectively use the MonMang 2.0 application.

This constellation of events sets the AIS Forum on a path toward establishing solid relations with local communities, entrepreneurs, and organizations in Fiji who share a common ambition of protecting the marine environment and promoting sustainable development.

Two Fijian Women checking the MonMang 2.0 application to measure the Mangrove Health Index (MHI) of a local mangrove area in Fiji.

REGIONAL & GLOBAL MEETINGS

UNFCCC COP26

The Coordinating Ministry for Maritime Affairs and Investment of Indonesia, in collaboration with UNDP Indonesia and the AIS Forum, hosted a talk show titled Blue Financing Strategies on November 5, 2021, in Glasgow, Scotland, on the margins of the UN Framework Convention of Climate Change's 26th Conference of the Parties, or UNFCCC COP26. This side event was an opportunity to share experiences and engage in dialogue, with perspectives from across AIS Forum participating countries.

The talk show was attended by the Honorable Eric Evelyn, Minister of Environment and Cooperatives of Saint Kitts and Nevis; Mr. Basilio Araujo, Deputy Minister for Coordination of Maritime Sovereignty and Energy of Indonesia; and Ms. Briony Coulson, Head of Ocean Plastic Pollution and International Sustainable Blue Finance at the UK Department for Environment, Food and Rural Affairs.

United Nations Ocean Conference 2022

The United Nations Ocean Conference 2022 served as impetus to strengthen the AIS Forum's position as a multilateral platform for island states led by the UNDP and the Government of Indonesia, in pioneering collaborative international efforts to address ocean-related challenges, triggered by the climate crisis.

On the sideline of the UNOC 2022, the AIS Forum organized two seminars: on Best Practices of Blue Innovative Financing in AIS Countries, highlighting opportunities for developing the blue economy; and on Opportunities in Building Solutions for the Sustainable Ocean Economy in Archipelagic and Island States, which discussed ways to kick-start the blue economy.

Following these seminars, the AIS Forum hosted a working dinner attended by delegates from AIS Forum countries and international organizations. The dinner was led by Mr. Basilio Araujo, the Deputy Minister for Coordination of Maritime Sovereignty and Energy of Indonesia, and guests included the representative of the Minister of State for Environment, Climate Change and Technology of Maldives; senior officials from Mauritius, Singapore, Madagascar, Papua New Guinea, Sri Lanka, Seychelles, the United Kingdom, Saint Kitts and Nevis; as well as Ambassador Solo Mara, the Secretary General of the Pacific Islands Development Forum.

6th Senior Official Meeting and 4th Ministerial Meeting

This year's Senior Official Meeting and Ministerial Meeting were attended by delegates from 22 AIS Forum countries and international organizations. They culminated with an outcome document on Elevating AIS Forum Collaboration for Sustainable and Healthy Oceans, focusing on blue strategic cooperation. The meetings also sought to sustain the momentum of progress already being made; solidify commitments; and deliver concrete results as well as usher all AIS Forum participating states toward the shared success of the 1st High Level Meeting.

H.E. Luhut Binsar Pandjaitan, Coordinating Minister for Maritime Affairs and Investment of the Republic of Indonesia chaired the 4th AIS Forum Ministerial Meeting.

BENEFICIARIES' INFORMATION AIS FORUM - 2021 AND 2022

Programs	Total Beneficiaries	Countries	Thematic Areas
Joint-research - The Guyana coast, catchment and marine observatory: data integration and analysis for monitoring of coastal dynamics	2	Guyana, UK	
Access to safe drinking water sources and risk mapping in relation to climate changein Papua New Guinea	2	Ireland, Papua New Guinea, New Zealand	
Scholar Space: University of Malta: Innovative Responses to Climate Change in Islands and Small States	50	Indonesia, UK, Fiji, Mauritius, Cabo Verde, Grenada, Saint Vincent and the Grenadines	
Scholar Space: University of Guyana: The Innovative Approach to Coastal and Marine Management	100	Indonesia, UK, Guyana, Mauritius	
Scholar Space: University of the South Pacific: Sustainable Fisheries in the Pacific: The Lesson Learnt	60	Indonesia, Fiji, Solomon Islands, Samoa, Tuvalu, Vanuatu	
Scholar Space: Dublin City University & University of the West Indies: Enhancing Climate Change Action Through the Covid-19 Eco Recovery Effort	25	Ireland, Indonesia, Guyana, Haiti, Barbados, Jamaica	
International Conference on Biospheric Harmony Advanced Research: Sustainable Innovation: Science and Technology to Foster and Empower the Society	300	Indonesia, Philippines, Singapore, Japan	
Summer course: Traditional Fisheries and Technology in for Sustainable Eco-Development	66	Indonesia, Fiji, Cabo Verde, Mauritius, Guyana, Trinidad and Tobago, UK, Japan	
Training on Ecological Technologies for Ensuring Sustainable Aquaculture as a Coastal Zone Management	150	Indonesia, Fiji, UK, Japan, Trinidad and Tobago, Papua New Guinea, Bahamas, UK, Singapore, Haiti, Samoa, Sri Lanka, Kiribati	
Training on the practical ways of integrated coastal spatial planning-based ecosystem adaptation	15	Indonesia, Solomon island, Guyana, Trinidad Tobago, Fiji, Malta	
MoU with University of Malta	1	Malta	
Internship	2	Ireland, Mauritius	
Ambassadorial Lecture with Binus: Fiji Ambassador		Indonesia, Fiji	
Scholarship at Bandung Institute of Technology	2	The Philippines, Madagascar	
Scholarship at Diponegoro University	2	Fiji	
Funding Frenzy	10	Indonesia	
In-Connect	2	Indonesia	
SDG 14 Webinar Series: Protect and Restore the Ocean by Utilizing Hidden Ecosystem Services	97	Fiji, Solomon Islands, Philippines, Indonesia, UK, New Zealand, Australia, Vanuatu	
SDG14 Webinar Series: Ensuring Fish Stock Sustainability by Leveraging Innovative Solutions	111	Indonesia, Mauritius, New Zealand, Cyprus, Philippines, US	
Womenpreneurship Training with PJB Paiton	20	Indonesia	
ESSENCE Offline Training (Manado, Pulau Bangka, Kupang, Lombok) with UK Tech Hub	1500	Indonesia	
EPPIC Launching Event	255	Indonesia, Philippines	
EPPIC Top 10 Finalist	10	Indonesia, Singapore, Philippines	
Startup Weekend Pacific	31	Fiji, Samoa, Tonga, Solomon Islands, Vanuatu	

Climate change mitigation and adaptation · Blue Economy · Marine Plastic Debris · Good Maritime Governance

BENEFICIARIES' INFORMATION AIS FORUM - 2021 AND 2022

Programs	Total Beneficiaries	Countries	Thematic Areas
UK-Indonesia Network for Supporting Marine Renewable Energy Development in Tropical Waters	-	United Kingdom, Indonesia	
AIS Blue Hub Startup Talk: Farming Ideas with Green Startup with Dream Agritech	424	*n.a*	
AIS Tide Talk Blue Escape for Millennial and Gen-Z with Hamish Daud	579	*n.a*	
AIS Blue Hub Startup Talk: Responsible Waste Management with Waste4Change	224	*n.a*	
AIS Tide Talk on Instagram with Emily Penn	385	*n.a*	
AIS Tide Talk Special Edition: Tita Ristanto (Tesla)	364	*n.a*	
AIS Blue Hub Startup Talk: Sustainable Water Management with Wujudkan.id	115	*n.a*	
AIS Blue Hub Startup Talk with EPPIC Finalist	539	*n.a*	
AIS Tide Talk with David Garcia	248	*n.a*	
AIS Tide Talk with Finn Van Der Aar	198	*n.a*	
AIS Tide Talk with Mandy Barker on Marine Plastic Pollution	200	*n.a*	
Community Leaderships Academy Pacific	100	Fiji	
Impacts of Climate Change for Small Scale Producers and Ecology of AIS Countries with OXFAM	373	*n.a*	
Workshop: Insurance and Risk Financing for Resilient Coral Reef	51	Indonesia, Fiji, Sri Lanka	
South Pacific Digitization: Vital key to Pacific Transformation webinar	23	Indonesia, Vanuatu, Singapore, Fiji,	
Webinar of Aquaculture in the Pacific: Ensuring Food Security through Ocean Farming	305	Indonesia, Fiji, Solomon Islands, Vanuatu, New Zealand	
World Maritime Day Webinar Connecting Maritime Governance with the Achievement of the SDGs in Archipelagic and Island States	>189	*n.a*	
Webinar on Law of the Sea Rebound 2nd Series: UNCLOS 1982 VS Contemporary Challenges of Climate Change	-	*n.a*	
Maritime Governance Webinar Series: Connecting Maritime Governance with the Development of the Blue Economy in Archipelagic and Island States	>90	Indonesia, United Kingdom, Cyprus, Fiji	
Blue Financing Strategies in Indonesia Pavilion COP 26	-	*n.a*	
Training on the Implementation of Marine Eco-Tourism Strategy in a post COVID-19 Industry Recovery	277	Indonesia, Guyana, Tanzania, Cyprus, Japan	
Mangrove Monitoring International Training	23	Indonesia, Fiji, Solomon Islands	
Pacific Fireside Chat "Innovation in the Blue Sector for Future Sustainability and Climate Change Impact"	26	Fiji, Vanuatu, Papua New Guinea	
Youth Leadership Workshop "Ocean Governance: Leading Change in Solomon Islands Indigenous Community"	69	Fiji, Solomon Islands	
Bioreef Technology	48	Indonesia	
Significant Impact with AIESEC UI	>75	Indonesia	

Climate change mitigation and adaptation, Blue Economy, Marine Plastic Debris, Good Maritime Governance

BENEFICIARIES' INFORMATION AIS FORUM - 2021 AND 2022

Programs	Total Beneficiaries	Countries	Thematic Areas
Suva Point and Nasese Beach Clean Up	100	Fiji	
World Ocean Day Event Series	124	Indonesia, Barbados, Saint Kitts & Nevis, Saint Lucia, Jamaica, Ireland, Solomon Islands, Guyana, Madagascar, the Philippines, Cabo Verde, Fiji, Solomon Islands, Mauritius	
International Clean up Day	367	Indonesia, Singapore	
Clean up Campaign and Community Awareness in Solomon Islands	49	Solomon Islands	
International Youth Day	>250	Indonesia, Barbados, Antigua and Barbuda, Jamaica, Dominica	
AIS Youth Ambassadors initiation	22	Antigua and Barbuda, Barbados, Cabo Verde, Comoros, Cyprus, Dominica, Guyana, Haiti, Indonesia, Ireland, Jamaica, Kiribati, Madagscar, Maldives, Mauritius, Papua New Guinea, Philippines, Solomon Islands, Sri Lanka, Timor-Leste, Trinidad and Tobago	
AIS Blue Innovation Solution Conference	>150	Indonesia, Singapore, Cabo Verde, Sri Lanka, Solomon Islands, Barbados, Madagascar, Timor-Leste	
World Ocean Assessment Regional Workshop	-	Indonesia, Australia, Bangladesh, China, East Timor, Egypt, Fiji, India, Iran, Japan, Nepal, Papua New Guinea, the Philippines, Samoa, Saudi Arabia, Singapore, Solomon Islands, South Korea, Sri Lanka, United Arab Emirates	

Climate change mitigation and adaptation, Blue Economy, Marine Plastic Debris, Good Maritime Governance

PART 3

WAY FORWARD

Climate change is a very real and present danger, and what we do next and continue to do in terms of encouraging and enforcing action and education on sustainability, the blue economy, eco entrepreneurship and so much more, will be our gift to the generations to come. We must continue to educate them, support them, embolden them to continue the vital work we have started. And we have only scratched the surface. There is more, so much more, that we can do — that we have to do — for our oceans, for our people, for this planet of ours.

Upon its establishment, the AIS Forum focused on a strategic direction with a road map for the future. It created four clear objectives: creating an open, innovative, and engaging forum; providing a space to share and implement innovative and tangible programs; promoting collaborative efforts among related stakeholders to address issues related to the four areas of cooperation; and creating opportunities to promote inclusive and sustainable economic growth.

As part of the road map, the AIS Forum created a five-year plan, divided into three key stages:

Stage 1: Laying the Foundations

Set the **direction** of the AIS Forum and establish an AIS **innovation network** that consists of academics, private enterprises, governments, and CSO from AIS Forum participating countries.

Stage 2: Acceleration

Scale up **core programs** in research and development and entrepreneurship to produce concrete results and solutions to common challenges.

Stage 3: Transformation

Escalate the pathways that can be taken to **accelerate integration** and **shape actions**, to unlock greater value and impact.

ACCELERATION PROGRAM

AIS Forum itself is a developmental initiative that focuses on concrete actions that can promote the role of youth to improve the livelihoods of coastal communities through ideas, creativity, and smart and innovative solutions.

The AIS Acceleration program is imperative to achieve climate change mitigation, as well as social and economic sustainability. It will develop upon existing foundations and successes that will allow for meaningful new strides in the current global context. The acceleration program will scale up solutions to drive the Sustainable Development goals (SDGs) in the archipelagic and island states through:

Entrepreneurial Endeavors

Supporting entrepreneurial endeavors through a startup incubation program and the development of innovative financing for sustainable businesses.

R&D and Human Capital

Facilitating research and development and human capital development initiatives with academic institutions.

Relevant Partnerships

Establishing a partnership with relevant stakeholders and facilitating cross-nation collaboration between these entities in the four areas of cooperation.

Long-term projects that will become the key strategic to advancing the sustainable development goals through accountable institutions have become critical in strengthening support and commitment to the AIS Forum as a treaty-based organization in the future. Therefore, we create concrete action plans and resources to scale commitment and support from various countries.

CONCLUSION

What we do: Create strong relationships between business stakeholders, especially cooperation between startups through networking opportunities and knowledge development with groups and individuals comprised of AIS Forum participating countries.

Investment	Business transactions occur between participants, such as businesses, financial institutions, and investors from entities across all AIS Forum participating countries.
Ecosystem	The development of a global industry business ecosystem based on the principles of the blue economy that joins all AIS Forum countries in mutually beneficial bonds, with the potential to become global industry leaders.
Cooperation	The creation of strong cooperation between business stakeholders from AIS Forum participating countries, including both startup ventures and established businesses.
Knowledge	The exchange of knowledge and improvement in human capital to support the advancement of the marine industry across AIS Forum participating countries.

In 2023, the AIS Forum will organize the first High-Level Meeting, where we will invite the heads of state/government of AIS Forum countries. The gathering of leaders at this highest level will be an opportunity to formally recognize the desire of their people to band together, driven by their shared past and future.

The meeting aims to accelerate the AIS Forum's capability to contribute to discussions on ocean-related issues in other regional and international forums, as well as to enhance the abilities of participating countries to achieve SDG 14.

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