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IKI Indonesia Newsletter



Quarterly updates on the IKI-financed projects implemented in Indonesia
A service of the Climate and Biodiversity Hub Indonesia

Dear readers,

Welcome to the 22nd edition of IKI Indonesia Newsletter!

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Best regards,
Climate and Biodiversity Hub Indonesia

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The JETP Updates

During the Bali G-20 summit in November 2022, Indonesia and the International Partners Group (IPG) launched the Just Energy Transition Partnership (JETP) securing US \$20 billion in funding to accelerate the decarbonization of the energy sector. After the installation of the Secretariat in early 2023, the Comprehensive Investment Policy Plan targeting investment in energy transition was prepared. Currently, the CIPP is still under revision by the Indonesian government.

From the Indonesian perspective, loans from developed countries for the country's energy transition should not overstretch the financial debt situation, because of the deal. "Developed nations have benefited financially from using most of the world's carbon budget. So, it is only fair if developing nations get real financial support for energy transition and decarbonization," said Rachmat Kaimuddin, the deputy coordinating minister for investment and maritime affairs. The IPG would like to see more active engagement in policy reforms that lead to decarbonization and to alternatives for the existing and planned captive power plants. At this moment, frustration about the JETP process seems to grow on both sides, and it is not clear when the investment plan will be approved for implementation.

In Indonesia, the German – Indonesia Energy Cooperation Hub (Energy Hub) acts as central nexus, connecting energy cooperation endeavours between Germany and Indonesia. With its strong coordination role, the Energy Hub consolidates Germany's contribution to JETP.

For more information on the Energy Hub, contact [Gitafajar Saptiyani](#).

Kick-off Meeting of the Ad Hoc Joint Task Force (JTF) between Indonesia, Malaysia, and the EU on European Union Deforestation Regulation (EUDR)

The kick-off meeting of the Ad Hoc JTF was conducted on 4 August 2023 in Jakarta on the European Union Deforestation Regulation (EUDR) following the visit of the European Commission to Indonesia and Malaysia on 26-28 June 2023. Moreover, the Ad Hoc JTF will serve as a platform to promote a consultative mechanism that will advance coordination and promote the mutual understanding between Indonesia, Malaysia, and the EU. This platform also aims at addressing concerns raised by countries regarding the EUDR implementation and at the same time, provide practical solutions to the concerns. Read more [here](#).

New Global Biodiversity Fund Launched at GEF Assembly in Vancouver, Canada on 24 August 2023

A total of 186 countries agreed to launch the new Global Biodiversity Framework Fund (GBFF) for nature restoration during the Global Environment Facility's (GEF) 7th Assembly in Vancouver (24/08/2023). Canada is committed to contribute with 200 million Canadian Dollars and UK with 10 million Pounds to start its capitalization. It is expected the fund will also attract other stakeholders from governments, philanthropy, and private sectors. The new GBFF is also designed to mobilize and accelerate investment in the conservation and sustainability of wild species and ecosystems, whose health is under threat from wildfires, flooding, extreme weather, and human activity including urban sprawl. Read more [here](#).

Indonesia launches carbon emissions credit trading in September 2023

Indonesian President Joko Widodo on 26 September 2023 launched the [Indonesia Carbon Exchange](#) (IDXCarbon) as the country's first carbon emission credit trading scheme. IDXCarbon, hosted by the Indonesia Stock Exchange (IDX), aims to create a market to fund greenhouse gas emission reductions and become a major player in the global carbon trade.

During the launch, President Joko Widodo said that he is very optimistic that Indonesia can become the world's carbon (market) axis if concrete steps are taken consistently and jointly

by all stakeholders. He further reiterated that the potential market value could reach more than 3 quadrillion rupiah (\$194 billion). In a separate session, Minister Luhut Pandjaitan said that in this initial stage, trading will be voluntary, but the government is working to put out a plan for further national regulations on pollution, which will include a carbon tax. In the opening day, actual trading commenced for a registered geothermal project of Pertamina New and Renewable Energy (PNRE) in North Sulawesi province. The transaction recorded 28 total orders from 16 registered users including local banks and securities companies with a total traded volume reached 954,495 tonnes CO2 equivalent at 77,000 rupiah per tonne.



IKI News



© ZUG - The IKI at the Federal Government Open Day

The IKI at the Federal Government Open Day

On 23 August 2023, the IKI participated at the Open Day hosted by the Germany Federal Government. Some IKI activities and stories were showcased during the event such as Football for Forest to accelerate the #GenerationRestoration, and 'Collecting Pearls' as treasure hunt to learn about environmental efforts in each stand. Read more about this fun activity [here](#).

The Newly Published IKI Gender Guideline

In August 2023, the IKI Gender Desk released the IKI Gender Guideline to assist project implementers in drafting and conducting a Gender Analysis and developing a Project Gender Action Plan (P-GAP) that fulfils IKI's standards. Read more [here](#).

IKI Projects in Indonesia per September 2023



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Human Impact Stories



© GIZ/ExploRE - Fishing community in Sulamu Village, East Nusa Tenggara

Solar Ice Maker: Cost and Time Efficient for Local Fishermen

Written by Rizma Kristiana, Advisor, ExploRE,
rizma.kristiana@giz.de

Dani Panala is a local fisherman from Sulamu, East Nusa Tenggara. He is frequently buying ice blocks from the Solar Ice Maker (SIM) facility, developed under a GIZ-led cooperation. Dani recalls his experience of losing almost all his daily catch on one occasion, because of an ice block shortage due to power outage in his village. "I lost at least 600.000 rupiah", he tells. "I learned from that experience to bring 5 ice blocks from SIM whenever I go fishing. The ice block is cheaper than (if I buy it) in Kupang. If I buy (ice blocks) in Sulamu, I can also save 1,5-hour travel time. I use the money saved (from the price gap) for additional funds, and I use the time saved (from travel time difference) for resting and regaining more energy for the next fishing," Dani said.

Gender Updates

First alternative income to oil palm for female farmer groups in Delima (Bukit Tiga Puluh Landscape/Jambi) through self-sufficient Robusta coffee processing and marketing.

Written by Dr Peter Pratje, Nature Conservation
 Concessions to Protect Tropical Rainforest in Indonesia,
peter.pratje@fzs.org

Farmer families in Delima have started experimental coffee cultivation in order to find alternative sources of income to oil palm. However, they lacked the necessary skills to process and market coffee. To fill this gap, FZS organized a



© FZS/Nature conservation
 concessions to protect tropical
 rainforest in Indonesia - Members of the
 female farmer group in Delima attending
 Robusta coffee processing training

workshop on coffee processing from July 12-16, conducted by the local NGO ETALASE. The aim of the workshop was to provide basic knowledge about drying, storing, and roasting coffee. The quality and aroma of the coffee from Delima proved to be so good that ETALASE will become an off taker for the coffee and manage further marketing.



Project News - MITIGATION

Mitigating greenhouse gas emissions



© GIZ/ExploRE - Boiler at the Mempawah Biomass Plant (PLTBm)

Exploring Bioenergy Potential in West Kalimantan

*Written by Rizma Kristiana, Advisor, ExploRE,
rizma.kristiana@giz.de*

ExploRE is continuously supporting renewable energy implementation, one of which through encouraging bioenergy utilisation for industrial decarbonisation. To objectify this target, a visit to a crumb rubber factory and a biomass power plant in West Kalimantan was arranged in July 2023. Jointly organised with the Directorate of

Bioenergy of the Ministry of Energy and Mineral Resources, the visit aimed at exploring the potential of biomethane development as an alternative fuel for industrial and commercial sectors. Also known as the 'upgraded biogas', biomethane is produced through an advanced processing of biogas. Biomethane has a similar character to natural gas, making it applicable to substitute the use of liquefied petroleum gas (LPG) and other natural gas derivative products.

Improving Cold Chain Access with Solar Energy

*Written by Rizma Kristiana, Advisor, ExploRE,
rizma.kristiana@giz.de*

One year following the operation of the Solar Ice Maker (SIM) facility in Sulamu, ExploRE conducted a socio-economic impact assessment to collect lessons-learned and formulate recommendations for further implementation.

Results of the assessment have been disseminated to key stakeholders on 31 July 2023, underline the contribution of SIM to local fisheries in Sulamu. Proximity is a major factor that allows SIM to positively contribute, especially in improving cold chain access, making it easier for local fishermen to get ice blocks at a lower cost. Easier access to ice blocks also means lower consumption of fossil fuel which is usually required to pick up ice blocks from Kupang, 1,5-hour away from Sulamu.



© GIZ/ExploRE - Aerial view of Sulamu Village, East Nusa Tenggara



© ICLEI/Towards 100% renewable energy cities and regions for climate change mitigation - Participants of the 100% RE capacity building session, mainly

West Nusa Tenggara is introduced to alternative renewable energy project funding mechanisms

*Written by Juniarti Elisabeth, juniarti.elisabeth@iclei.org with PIC of project Siti Koiromah, Project Officer,
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In collaboration with CASE project (GIZ), ICLEI conducted one session of a virtual capacity-building series for West Nusa Tenggara's local governments titled "Innovative and Alternative Funding Mechanism" on 4 July 2023. The event

consists of WNT's local government officials.

was attended by Rachmat Mardiana, Director of Electricity and Telecommunication at BAPPENAS. On his keynote

speech, he highlighted that asset securitization, green bond, seed capital, convertible grants, and finance channeling are among best financing practices that can be explored for green infrastructure development. Nationally, the state/regional fiscal budget (APBN/APBD) will necessitate project readiness that aligns with the current policies and development plans. On the other hand, Faaris Pranawa, Director of PT SMI was also invited to be resource person. Read more:

<https://bit.ly/3PcAjLq>

West Nusa Tenggara convenes multi-stakeholder approach to sustainable energy transition through strategy game

Written by Juniarti Elisabeth, juniarti.elisabeth@iclei.org with PIC of project, Siti Koiromah, Project Officer, siti.koiromah@iclei.org



Taking place in West Nusa Tenggara (WNT) on 25 July 2023, over 30 key stakeholders ranging local government officials, academics, energy developers, and others participated in the interactive setting of the Sustainable Energy Transition Strategy game (SETS). Known as the Serious Games, this participatory tool facilitated and designed by ICLEI, aims at gathering insights that contribute to informed decision making for policies and implementation of the upcoming 100% RE 2050 Roadmap in the province. Iswandi, Head of WNT's regional planning agency (BAPPEDA), expressed that the roadmap will serve as a key reference for the province's renewables action plan. "The roadmap is planned to become WNT's gubernatorial regulation document. We are keen to oversee the preparation of the necessary regulations after the roadmap is completed," said Iswandi. Read more: <https://bit.ly/3LfKyxh>

© ICLEI/Towards 100% renewable energy cities and regions for climate change mitigation - The first round of the interactive sessions identifying geographical contexts and renewable energy potential locations across WNT.



Joint Planning Workshop IKI JET

Written by Aldiza Artama, Advisor, IKI JET, aldiza.artama@giz.de

© GIZ/IKI-JET - Opening remarks from Director of Energy, Mineral, and Mining Resources, Bappenas (Ministry of National Development Planning), our strategic partner in Indonesia

On July 26-27, 2023, a joint planning workshop paved the way for mutually agreed objectives in East Kalimantan and South Sumatra, solidified through a joint result matrix. The event was attended by around 30 participants. After the extensive two-day meeting, it's clear that the IKI JET program aligns with regional initiatives for economic transformation plans. Local officials are optimistic about IKI JET's impact. Following the signing of the implementation

agreement, the joint result matrix will be included as annexes in the MoU between IKI JET and the local governments of East Kalimantan and South Sumatra.

Launch of Just Energy Transition in Coal Regions – Interregional Platform (JET-CR) Communities of Practice (CoP)

Written by Nafisa Iskandar, Advisor, IKI JET, nafisa.iskandar@giz.de

On 10 August 2023, the "Innovation Regions for a Just



Energy Transition” Project (IKI JET) announced a groundbreaking initiative for knowledge exchange and collaboration through the launch of the "Communities of Practice" (CoPs). The event was attended by more than 90 participants. “We have a shared goal and a shared problem. Everyone brings their skills to the table and helps us obtain a just economy”, said Sarah Rieseberg, BMWK Policy Officer, during her insightful remark. Following the event, there will be a thematic CoP in the topics of: (1) Green and Just Economy; (2) JET Strategy; (3) Energy and Justice; and (4) Mine Closure.

© GIZ/IKI-JET - Approaches of IKI JET project was introduced by the Project Director during the launch.



© GIZ/IREK II - Sharing from SuMPO, Japan Environmental Product Declaration (EPD) Program Operator and Discussion on the Institutional Arrangement of National EPD

Pusfaster KLHK - the 1st discussion on improving institutional arrangement of national ecolabelling.

Written by Anindya Wulandari, Advisor, Initiative Resource Efficiency and Climate Action (IREK) II,
anindya.wulandari@giz.de

On 26 July 2023, the Center for Facilitating the Implementation of Standards of Environment and Forestry Instruments (Pusfaster) at KLHK held the first forum on the institutional arrangement of type III ecolabel. About 30 participants from KLHK, experts, and GIZ engaged in the discussion. Representatives from Japan SuMPO and

Environmental Product Declaration (EPD) Southeast Asia attended virtually and shared their experience related to EPD in their respective regions. Participants discussed the importance of adapting and revising existing regulations to enable the implementation of type III ecolabel and its institutional arrangement needs.

Strengthening resource efficiency through improvement of Life Cycle Assessment capacity

Written by Anindya Wulandari, Advisor, Initiative Resource Efficiency and Climate Action (IREK) II,
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A 4-day training on Life Cycle Assessment (LCA) was held in Bogor on 8-11 August 2023, with the participation of 30 representatives. The training aimed at enhancing the LCA know-how for policy makers and industries from construction sector in Indonesia. This training supports the Ministry of Environment and Forestry (KLHK) to increase LCA use by companies to be then used for Company Performance Rating Program (PROPER) and ecolabel. Through LCA, industrial companies can measure their resource consumption and further optimize the utilization of their resources and implement resource efficiency strategies which can contribute to greenhouse gas emissions reduction.



© GIZ/IREK II - Group Photo of Training Participants and Facilitators and Discussion between Participants



© GIZ/SUTRI NAMA INDOBUS - Representative of SUTRI NAMA &

The Utilization of MRV (Measuring, Reporting, and Verifying) to Support the Sustainable Transport in Indonesia

Written by Puput Rashati, Junior Communication Specialist, SUTRI NAMA & INDOBUS,
puput.rashati@giz.de

On 16 August 2023, SUTRI NAMA and INDOBUS presented a compilation of lessons learned on the MRV utilization (Measuring, Reporting, and Verifying) on Bus Rapid Transit

highlights that Indonesia still has several challenges in implementing MRV especially in the transport sector, such as the lack of data availability and data quality, and stakeholder's unfamiliarity with MRV. To overcome those challenges, main stakeholders from pilot cities participated in a capacity development programme, that will prepare them to calculate the MRV independently in the future and further solidify a sustainable transport in Indonesia.



© GIZ/CASE INDONESIA - Digital Campaigner asking Question to the panelist.

Attracting the Youth: Strategizing Energy Transition Campaigns through Digital Campaigner Forum

Maysa Ameera Andarini, Communications Trainee, Clean Affordable and Secure Energy (CASE) for Southeast Asia, maysa.andarini@giz.de

On 21 August 2023 in Jakarta, Clean, Affordable, and Secure Energy (CASE) for Southeast Asia Project has organized the third digital campaigner forum event. The interactive panel discussion invited two notable speakers, including the founder of Whatsupindonesia and Executive

Director of Youth Lab. CASE Indonesia also presents its interim report - the very first edition of Energy Transition Trends and Voices. More than 20 CSOs with the same vision in promoting energy transition campaigns attend this event and aim at building a sense of community amongst digital campaigners and strengthening a narrative of energy transition in social media.

ASEAN Energy Business Forum: The Role of Private Sectors in Accelerating the Regional Energy Transition

Written by Maysa Ameera Andarini, Communications Trainee, Clean Affordable and Secure Energy (CASE) for Southeast Asia, maysa.andarini@giz.de

On 24 August 2023 in Bali, Clean, Affordable, and Secure Energy (CASE) for Southeast Asia project together with the German-Indonesia Energy Cooperation Hub hosted a CEO dialogue with reputable private sectors during the ASEAN Energy Business Forum. The panelists come from 5 respected CEOs across the region who are committed to empowering the role of business and private sectors in accelerating the region's energy transition to support sustainable growth. One of the key takeaways is that some businesses across Southeast Asia are keen to utilize more renewable energies and support a just transition in the region.



© GIZ/CASE INDONESIA - Panelist of High-Level CEO Dialogues at Main Stage Session of AEBF on 24 Aug 2023



© CIFOR/COLANDS - Discussion on the Danau Sentarum Catchment Areas, Training on Water Quality and Fish Population Monitoring, Training on Biodiversity and Citizen Science for Teachers and the Education Service etc.

Collaborative Management of Danau Sentarum Catchment Areas

Written by Dr. Elizabeth Linda Yuliani (CIFOR), Operationalising the Landscape Approach for Biodiversity Benefits: Policy, Practice and People (COLANDS), L.yuliani@cifor-icraf.org

Danau Sentarum National Park is home to around 55,000 local communities who live in 73 villages and is the main producer of freshwater fish in West Kalimantan and holds key hydrological functions for the Kapuas River. However, the area has been heavily degraded. To better manage and

restore the ecosystem functions of the area in ways that benefit the local communities, the COLANDS project has been facilitating a series of multi-stakeholder workshops and meetings where participants developed a Theory of Change (ToC) that each stakeholder group has agreed to implement to reach their common vision, of “Clean, Sustainable and Improved Well-being” (Bersih, Lestari dan Lebih Sejahtera). Some trainings have been organized, in topics such as: biodiversity and citizen science for teachers and the Education Office on 22-23 February 2023 in Putussibau; water and fish population monitoring on 27 February – 2 March 2023 in Sepandan Island, Danau Sentarum; facilitation of multi-stakeholder meetings on waste management along two major watersheds (Seriang and Labian-Leboyan); and on formulation of village regulations on waste management and community-based biodiversity protection on 25-26 August 2023.

Watch the video of participant's testimony about the initiative:

<https://www.youtube.com/watch?v=nerAmCbRBME&list=UUbaBEo-5iuU2SJez7DITe-Q&index=1>

Read a news coverage about its wash clean-up movement:

<https://www.uncak.com/2023/08/aksi-bersih-sampah-di-danau-sentarum.html?m=1>



© GIZ/Urban-Act - More than three hundred participants including mayors, governors and partners joined the ASEAN Mayor Forum 2023 under theme ASEAN Matters-Epicentrum of Growth: “Catalysing Regional Growth through Sustainable Development in ASEAN Cities” on 1-2 August 2023 in Jakarta City, Indonesia (UCLG ASPAC)

Urban-Act Project co-hosted ASEAN Mayor Forum (AMF) 2023

Rika Lumban Gaol, Advisor, Urban-Act: Integrated Climate Action for Low-Carbon and Resilient Cities (Urban-Act) Project, rika.lumbangaol@giz.de

The Urban-Act project co-supported the panel session with the topic of “Building Resilient Cities and Climate Actions” during the first day of AMF 2023 with some key takeaways: (1) the Framework of Urban-Act project was recognized as a key enabler in the context of supporting policy intervention, capacity building and strengthening partnerships toward low carbon and resilient cities; (2) both national and local governments have made significant efforts, among others by carrying out greenhouse gas (GHG) inventory, GHG

emissions reduction, reforestation, and climate village program; (3) low awareness and participation in climate change issues, limited institutional and regulatory capacity, inadequate data availability and constrained funding are challenges faced by national and local governments, and (4) financial support is needed to aid climate action.

Getting to Know Urban-Act Pilot Cities in Indonesia

Written by Rika Lumban Gaol, Advisor, Urban-Act: Integrated Climate Action for Low-Carbon & Resilient Cities (Urban-Act) Project, rika.lumbangaol@giz.de

Attended by 57 representatives from national and city governments including development partners, the event aimed to present Urban-Act project implementation in Indonesia. The Cities of Medan and Padang were selected and announced as pilot cities due to their strong characteristics upon the city selection criteria. Medan City has been proactive in developing bus rapid transit for Medan, Binjai and Deli Serdang agglomeration areas since 2022. The city has also committed to reducing greenhouse gas emission by 27.83% by 2030. Meanwhile, Padang City long-term planning is to develop Refuse-Derived Fuel (RDF) to be fully operated by 2024 and to protect mangrove forest. The RDF development is supported by the Ministry of Public Work and Housing.



© GIZ/Urban-Act - On 10 August 2023, The Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) together with the United Cities and Local Governments Asia-Pacific (UCLG ASPAC) organized a kick-off meeting and Urban-Act pilot cities launching in Jakarta City, Indonesia.



© GIZ/Scaling SCP - From left to right: Mr. Kai Hofmann (Project Director, GIZ Thailand), Mr. Ulf Jaeckel (Co-lead of the Consumer Information Programme of the 10YFP on SCP, BMUV) and representative from Government of Thailand and The 3rd Project Advisory Board (PAB) Hybrid Meeting under Scaling SCP Project on 29 August 2023.

The common challenges have been discussed during the 3rd PAB Meeting

Written by Rika Lumban Gaol, Advisor, The Scaling Sustainable Consumption and Production Project (Scaling SCP), rika.lumbangaol@giz.de

The 3rd PAB (Project Advisory Board) covered a huge range of common challenges during one and half year's implementation of Scaling SCP Project among four countries module. These challenges are categories into 4 clusters: (1) Product selection and criteria development. Procurement entities lack the capacity to draft technical specifications including project costing for new green products; (2) Institutional improvement and stakeholder cooperation.

Cooperation between different ministries on ecolabel and sustainable product procurement (SPP) is not easy. There are limited green products and services in the market; (3) SPP monitoring & evaluation (M&E) system. SPP implementation is not defined as key performance indicator. Technical assistance support is needed to develop M&E system; and (4) Pilot project. Each pilot organization has a different governance structure. Some regulations are not supportive enough yet for effective green product procurement implementation.

Scaling SCP Workshop Series

Rika Lumban Gaol, Advisor, The Scaling Sustainable Consumption and Production Project (Scaling SCP), rika.lumbangaol@giz.de

Monitoring and evaluation (M&E) are crucial to track Sustainable Public Procurement (SPP) implementation. However, the existence of SPP M&E system remains rare on the ground. In light of this, brainstorming on how to define and come to agreement with the proposed SPP M&E system including the SPP impact calculation on emission saving concluded on the 1st day. Identifying credible and ambitious ecolabel schemes that are suitable with SPP requirement in Indonesia was the objective for the 2nd day of workshop. Then, the workshop series was wrapped-up by bringing the topic of empowering small, medium enterprises (SMEs) readiness towards SPP in Indonesia by understanding the policy direction, opportunities, and challenges.



© GIZ/Scaling SCP - The Scaling SCP workshop series brought together key ministries, centre for implementing environmental instrument standards (BSILHK), 5-selected provincial governments, life cycle assessment (LCA) expert, practitioners, and Oeko Institute as technical backstop for Scaling SCP project in Bogor, West Java from 4-6 September 2023.



© WRI Indonesia/'2050 is Now' project - Group discussion with Ministry of National Development Plannings regarding the low carbon development agenda.

A Path to 2050: Charting Indonesia's Long-Term Strategy for stronger climate actions and resilience aligned with national development

Written by Talitha Dwitiasih and Hapsari Damayanti, Climate Analyst WRI Indonesia, 2050 is now, talitha.dwitiasih@wri.org and hapsari.damayanti@wri.org

Indonesia is actively reinforcing its climate commitments by aiming for Net Zero Emissions (NZE) by 2060 and submitting an enhanced NDC, to align with Paris Agreement. The country has finalized its 2025-2045 national long-term

plan (RPJPN), prioritizing a Green Economy and low-carbon development. The "Project 2050 is Now" seeks to align Indonesia's long-term strategy towards NZE through improving policy tools, strengthening government institutions, and harmonizing national goals. WRI Indonesia will work closely with the government to translate these green policies into priority programs within the national medium-term plans. Additionally, WRI Indonesia will support Indonesia's second NDC by enhancing emission reduction scenarios and targets in key sectors.

Mainstreaming ecosystem services in infrastructure planning to build climate resilience

Written by Shail Joshi, Senior Program Officer, Sustainable Infrastructure Programme in Asia (SIPA), shail.joshi@wwfus.org

In collaboration with the Organization for Economic Cooperation and Development (OECD), WWF is undertaking a spatial mapping exercise of ecosystem services, using the InVEST (Integrated Valuation of Ecosystem Services and Tradeoffs) models to integrate and mainstream Nature-based Solutions (NbS) in the infrastructure planning policies and projects in Indonesia and Philippines. The WWF team led a series of in-person workshops in Indonesia and the Philippines in early 2023. Representatives from key national and regional governments attended the events to learn about spatial analysis of ecosystems and provide feedback on relevance and uptake of such an approach in their projects. The analysis is on-going and will be completed and shared with the key government stakeholders by the end of 2023.



© OECD/Sustainable Infrastructure Programme in Asia (SIPA)/WWF - Breakout groups in Indonesia and Philippines deliberating over the spatial analysis presented by the WWF team.



Project News - ADAPTATION

Adapting to the impacts of climate change



© GIZ/ClimB - Low Carbon-Climate Resilient Development and Provincial Green Economy Index Dissemination workshop and on 12-14 July 2023.

Moving towards a green economy through low carbon and climate resilient development!

Written by Eka Gona Putri, Communication Advisor, ClimB, eka.putri@giz.de and Reo Audi, Climate Advisor, ClimB, reo.audi@giz.de

The Climate and Biodiversity Hub Indonesia implemented by GIZ, is supporting the Low Carbon-Climate Resilient Development and Provincial Green Economy Index Dissemination. During a workshop hosted by the Ministry of National Development Planning of Indonesia (Kementerian PPN/Bappenas) in Batam from 12 to 14 July 2023, the status of the Green Economy Index was presented as a measuring tool to evaluate the performance of Indonesia's economic transformation towards a green economy at provincial level. Each province will later collect the relevant information that feeds into the ASKARA platform, the national planning and monitoring system on low carbon action plan and climate resilience development.



Project News - FORESTRY (REDD+)



© World Agroforestry/Peat-IMPACTS Indonesia - KTH members maintain trigona food source plants and harvest honey (Junaidi Hutasuht) and Trigona bee colony and maintenance of hives on the demo plot (Romadhona Hartiyadi and Junaidi Hutasuht)

introducing trigona beekeeping, ensuring a sustainable food source, colony care, training, harvesting, and post-harvest management. In just 1.5 years, three farmers embraced trigona bee cultivation, resulting in 101 hives managed by KTH, comprising 4 men and 9 women.

The Sweetness of Kelulut Honey, While Protecting the Peat Ecosystem

Written by Tikah Atikah, Program Communication Analyst, Peat-IMPACTS Indonesia, t.atikah@cifor-icraf.org

Trigona bees thrive in Baru Village's secondary forests and rubber plantations, providing environmental benefits to peat ecosystems and valuable products like honey, beebread, and propolis. ICRAF, with partners including the Watershed Forum South Sumatra, Forest Management Unit of Palembang-Banyuasin, and the Bunga Desa Forest Farmers Group (KTH), developed a trigona bee farming model in Baru Village's demonstration plot. Activities involved

Ecotourism Potential Through Agro-Silvo-Fishery model in Baru Village

Written by Tikah Atikah, Program Communication Analyst, Peat-IMPACTS Indonesia, t.atikah@cifor-icraf.org

At the International Conference on Indonesian Tropical Agroforestry held by Brawijaya University in August 2023, Junaidi Hutasuht from ICRAF Indonesia presented two topics: "Ecotourism: Another Benefit of Agro-Silvo-Fishery and Trigona Apiculture in Baru Village's Peatland Ecosystem, South Sumatra" and "Monitoring Behavior Change of Farmers for Eco-Friendly Agriculture in Peatland Ecosystems." Since 2022, the Agro-silvo-fishery model, involving rice cultivation surrounded by fishponds, alongside secondary crops, areca nut, and fruit trees, has thrived on a 2-hectare in Baru Village's demo plot, South Sumatra, thanks to the Peat-IMPACTS program. With strong support from local governments, it has become an ecotourism attraction, benefiting Baru Village economically.



© World Agroforestry/Peat-IMPACTS Indonesia - Junaidi Hutasuht presenting two topics of agrosilvofishery model demo plot and monitoring behavior change of farmers of Baru Village, South Sumatra and Participants of the International Conference on Indonesian Tropical Agroforestry (Brawijaya University)



© World Agroforestry/Peat-IMPACTS Indonesia - Bincang Gambut in collaboration with Ramin Series, Faculty of Forestry, Tanjungpura University (WikiGambut West Kalimantan Community) and EduWiki Program from WikiGambut South Sumatra attended by the contributors to write and editing the

WikiGambut as a Knowledge Management System

Written by Arizka Mufida, Research Officer, Peat-IMPACTS Indonesia, a.mufida@cifor-icraf.org

WikiGambut is a collaboration movement to compile and synthesize the knowledge about peat into one knowledge management system. WikiGambut is managed by the WikiGambut community in South Sumatra and West Kalimantan. The communities have many creative ways to spread knowledge about peat to wider audience, from regular meetings to writing and editing articles, a series of seminars entitled 'Peat Talk/Bincang Gambut' and Campus Tours. The number of community members in the two



Project News - BIODIVERSITY

Conserving biological diversity

“Unboxing” the CBD Global Biodiversity Framework in Indonesia

Written by Eka Gona Putri, Communication Advisor, ClimB, eka.putri@giz.de and Fahmi Hakim, Biodiversity Advisor, ClimB, fahmi.hakim@giz.de

The Climate and Biodiversity Hub Indonesia has been providing technical support along the process for the formulation of the Indonesian Biodiversity Strategy and Action Plan (IBSAP). To provide a better understanding on how indicators should be formulated in the document, the project is collaborating with the IKI-funded BioFrame global project, to provide their technical expertise on this issue. In this context, an “unpacking” discussion on the CBD Global Biodiversity Framework (GBF) and its Monitoring Framework was held on 11-12 July 2023 in Bogor, West Java, with the participation of the members of the inter-ministerial technical committee. Advisors from BioFrame project from Germany, Mathias Bertram and Sylvia Wicander provided deep-dive sessions on GBF key target indicators for a better understanding that will help the ongoing IBSAP formulation.



© GIZ/ClimB - The discussion and photo group of “Unboxing” session the CBD Global Biodiversity Framework in Indonesia on 11-12 July 2023



© FZS/Nature conservation concessions to protect tropical rainforest in Indonesia - Members of the local farmer group Alam Bukit Sejathera plant Gamal trees (*Gliricidia sepium*) in an area with high Human-Elephant-Conflicts

Increasing biodiversity while reducing elephant conflicts through mixed planting in the buffer zone of Bukit Tiga Puluh National Park

Written by Peter Pratje, Dr, Nature conservation concessions to protect tropical rainforest in Indonesia, peter.pratje@fzs.org

The Frankfurt Zoological Society supports forest farmer groups in the buffer zone of Bukit Tiga Puluh National Park by introducing mixed planting in agroforestry. Recent agroforestry is dominated by the cultivation of oil palms. This causes significant conflicts with elephants, as oil palms are the preferred elephant food. 17 forest farmers of the Beringin

Jaya Makmur group started experimental planting of fruit trees and timber trees on 55ha of oil palm plots. The aim of the project is to manage the buffer zone to the national park through silviculture in order to increase biodiversity and to reduce conflicts with elephants.

Northern ASEAN Countries Learning Peatland's Biodiversity

PIC of project: Berthold Haasler, Commission Manager, Sustainable Use of Peatland and Haze Mitigation in ASEAN (SUPA/ASEAN REPEAT), berthold.haasler@giz.de

On 13-16 June 2023, SUPA/ASEAN REPEAT and the Ministry of Environment of Cambodia co-organized a training



© GIZ/SUPA (ASEAN REPEAT) - Training

on Biodiversity Assessment on Peatland for Northern ASEAN Countries in Siem Reap. This training provided

practice session about the characteristic of the plants

much needed technical knowledge and skills for more than 40 participants from Cambodia, Lao PDR, and Viet Nam, to undertake the identification and monitoring of the flora and fauna species systematically in their countries. Participants learned to identify their peatland's biodiversity such as what species inhabit an ecosystem, how many different species there are, and how abundant are the species present in the pool of different species.



© GIZ/BIOFRAME - Tengkawang survey in Kapuas Hulu

Next year, around 1,300+ tons of Tengkawang nuts anticipated to be harvested in Kapuas Hulu

Written by Per Rasmussen, Implementation Manager, BioFrame Tengkawang Pilot Project, per.rasmussen@giz.de

At least 1,300 tons of Tengkawang nuts will be ready for harvest in February 2024, according to a rapid survey conducted by the BioFrame Tengkawang project. The survey, sampling 3% of the villagers in 10 villages in Kapuas Hulu district, found almost 12,000 Tengkawang trees, more than half of them mature and flowering. Mature Tengkawang trees can produce 100 - 300 kg of fruits per tree. The project has approached potential buyers of the Tengkawang nuts, including PT. Wilmar Cahaya in Indonesia and International Food Science Centre in Denmark, which are both interested in buying Tengkawang nuts from Kapuas Hulu.

Conservation of biodiversity and seagrass ecosystems: Establishing spirulina farming as an alternative livelihood to coastal communities in North Sulawesi and Yogyakarta, Indonesia.

Written by Philippa Loates, Associate Project Management Officer, philippa.loates@un.org on behalf of CMS Dugong MOU and YAPEKA



© The Seagrass Ecosystem Services (SES) Project - Greenhouses constructed at the Spirulina site, Tarabitan, North Sulawesi

As a national partner in Indonesia, YAPEKA established two spirulina farms in Tarabitan (North Sulawesi) and Yogyakarta (Central Java). Spirulina production as part of sustainable community-based aquaculture that can provide more predictable and safer income opportunities for low-income coastal communities and reduce their dependence on fishing. Spirulina is a nutritious, low-cost superfood, with protein levels comparable to eggs. Requiring less land and water than livestock to produce energy and protein, spirulina is a low-impact solution to food security and malnutrition. The site at Tarabitan is located close to the local fishing community involved in the SES Project with greenhouses constructed by local craftsmen. In Yogyakarta, the spirulina facility has a larger production capacity and will act as a training facility for fishing communities across the region. With infrastructure completed, the process of pilot harvesting and troubleshooting (production, post-processing, and sales) has begun.



© The Seagrass Ecosystem Services

Blue Carbon, Dugong Monitoring and Participatory Video Training Workshop

Written by Philippa Loates, Associate Project Management Officer, philippa.loates@un.org and on behalf of CMS Dugong MOU and YAPEKA

YAPEKA hosted the first project-wide workshop in Bogor, West Java. Running from 28 August – 2 September, the

raising. The workshop was attended by representatives from the six national partner organizations implementing the project in Indonesia (YAPEKA), Malaysia (MareCet and Marine Research Foundation- MRF), Philippines (C3 and ZSL), Thailand (Save Andaman Network-SAN) and Timor-Leste (Blue Ventures), as well as by technical experts from Edith Cowan University, Blue Ventures and Project Seagrass, and the CMS Dugong MOU.



Knowledge Products

CASE - Media Monitoring Report

Insights on Indonesia's Energy Transition in the Electricity Sector from 2020-2022

» https://caseforsea.org/post_knowledge/insights-on-indonesias-energy-transition-in-the-electricity-sector-from-2020-2022/

CIFOR / Operationalising the landscape approach for biodiversity and benefits: Policy, practice and people (COLANDS) - Book

Introduction to Biodiversity for Developing an Independent Curriculum and Local Content for Primary and Junior High Schools in Kapuas Hulu Regency

» https://www.cifor.org/publications/pdf_files/Books/Keanekaragaman-Hayati.pdf

Conservation of biodiversity, seagrass ecosystems and their services - Safeguarding food security and resilience in vulnerable coastal communities in a changing climate (SES Project) - Video Documentation

Blue Carbon, Dugong Monitoring and Participatory Video Training Workshop

» <https://www.youtube.com/watch?v=LI-cZEVXh6c>

SES Project - Infographic

Mitigating Climate Change by Conserving Seagrass and the Biodiversity It Supports

» https://www.dugongseagrass.org/media/2023/08/IKI6651-I-Seagrass-Ecosystem-Services-I-Infographic-Pamphlet_A3-V9.pdf

SES Project - Toolkit and Video

Seagrass Blue Carbon Toolkit and Blue Carbon Sample Collection Video

» <https://www.dugongseagrass.org/resources-impact/tools/seagrass-blue-carbon-toolkit/> and
<https://www.youtube.com/watch?v=6jAyGQUy0C4>



Future Events

The 5th IKI Networking Workshop: Interlinkages between Climate, Biodiversity, and Energy

Monday, 9 October 2023
09.00 a.m. - 17.00 p.m.

Online access for talk show (afternoon session only)

<https://bit.ly/IKINetworking2023>, Zoom Meeting ID: 854 5209 3237, and Passcode: 2023

Indonesia Sustainable Energy Week (ISEW) 2023

10 – 13 October 2023 (hybrid)

ISEW a national platform for policymakers, business leaders, experts, and communities to network, exchange ideas, and have a cross-sectoral discourse toward a mutual understanding on energy transition in Indonesia thus providing inputs to long- and medium-term national development plans in the energy sector.

For more information, please visit <https://isew.energy-transition.id/>

The Eighth Asia-Pacific Urban Forum (APUF-8)

23 – 25 October 2023 (offline)

The Forum brings together the experiences of diverse stakeholders to reflect on the colliding crises faced by cities in Asia and the Pacific, synthesize innovative approaches and actions to support sustainable urban development in the context of the New Urban Agenda and the decade for action for the Sustainable Development Goals (SDGs). Sessions will draw unique insights from urban thought leaders, government officials and major stakeholder groups, based on real-world experiences of resilience-building and transformation through and beyond the pandemic.

The event is co-supported by Urban-Act: Integrated Urban Climate Action for Low-Carbon & Resilient Cities (Urban-Act) project.

More information: <https://www.unescap.org/events/apuf8>



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