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Issue No. 23 | December 2023

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 **23rd issue of IKI Indonesia Newsletter!**

To make sure that you won't miss this newsletter in the future, please click [here](#) for subscription. The IKI Indonesia Newsletter is under '*Project and Programme Newsletter*' section, please write your email and finish the verification process that will be sent to the registered email.

On behalf of IKI Hub Indonesia team, we wish you a wonderful end-year break with your family and looking forward to collaborating with you again in next 2024!

Best regards,
Climate and Biodiversity Hub Indonesia

Policy Highlights



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Comprehensive Investment Plan (CIPP) for JETP launched

The [Comprehensive Investment and Policy Plan \(CIPP\)](#) for JETP document has been released on 21 November 2023 and serves as an output agreed upon in the Joint Statement and underpins the implementation of the partnership between the Government of Indonesia and International Partners Group for the Just Energy Transition Partnership (JETP).

“This CIPP document provides a strategic road map for an ambitious energy transition in Indonesia by considering challenges covering technical, financial, and, of course, social justice” said Erick Thohir, the ad interim Coordinating Minister for Maritime Affairs and Investment during the opening. Arifin Tasrif, Minister of Energy and Mineral Resources also conveyed on the [Antaranews.com](#) that “JETP is part of Indonesia's efforts to accelerate the energy transition, as stated in the Enhanced Nationally Determined Contributions (ENDC) document and by encouraging the acceleration of the energy transition in accordance with the commitment stated in the ENDC target, according to Indonesia's aspirations, we can achieve net zero emissions by 2060”.



© Bappenas

The first public consultation on Strategic Environment Assessment (KLHS) of RPJMN 2025-2029

On 12 December 2023, Ministry of National Development Planning (Bappenas) organized the [first public consultation on the Strategic Environment Assessment \(KLHS\) of RPJMN 2025 – 2029](#) in Jakarta and invited multi-stakeholders from other ministries, NGOs and development partners, research institution, and private company. This consultation also presented the ongoing public survey on the current triple planetary crisis of climate change, pollution and environmental degradation, and loss of biodiversity. These topics are also part of KLHS cornerstone.

The preparation of KLHS RPJMN 2025-2029 is divided into four stages. The first stage is the screening of sustainable development issues, which involves the identification and assessment of critical issues. The second stage is the development of models to understand and predict the impacts of various development policies and strategies, in order to formulate and evaluate development scenarios. The third stage is to assess the influence of policies on the condition of carrying capacity and environmental capacity. Finally, the preparation of recommendations for long-term policy improvements based on the results of issue screening, model development, and policy impact assessment.



© UN Climate Change - Kiara Worth

The UNFCCC COP28 agreement and perspectives from Indonesia

The United Nations Climate Change Conference (COP28) closed on December 13, 2023, with an agreement that establishes the foundation for a quick, equitable, and just transition away from fossil fuels, supported by significant carbon reductions intentions and increased pledges for funding. The deal was hailed as a historic achievement as the “beginning of the end” of the fossil fuel age.

A total 97,000 delegates from public, private, and civil society organizations have gathered for these two weeks of worldwide multi-stakeholder negotiations. Among them are over 150 heads of state, negotiators, business executives, and non-state actors, demonstrating the growing momentum for the transition. [The key outcome of COP28 was the conclusion of the first ever Global Stock Take \(GST\)](#). The GST was a mid-term review of the progress of UN member states towards the 2015 Paris Agreement.

The COP28 reflected in the Indonesian media:

- [Director General of Climate Change of the Ministry of Forestry and Environment \(KLHK\) Laksmi Dwanthi](#) also conveyed several important points regarding Indonesia's response in discussions at COP28, including addressing Global Stocktake (GST). "This document is important because it provides understanding and guidance on the extent of progress we have achieved and how far we want to move forward. Maintaining a temperature of 1.5 degrees Celsius can only be done with action. We need concrete implementation " said Ibu Laksmi in a written statement (14/12/2023). She concluded by saying that “Indonesia is ready to cooperate with all parties both for technical discussion and implementation. Indonesia is also looking forward to implementing the results of COP28 in a balanced manner and reflecting the principles of Common but Differentiated Responsibilities and Respective Capabilities (CBDR-RC). Indonesia is planning to fully support the implementation of next COP in Azerbaijan and Brazil”.
- The Indonesian Chamber of Commerce and Industry (Kadin) has been following up the commitments that have been agreed in the COP28. [Shinta W. Kamdani from KADIN Indonesia](#) believes that the existing financing can have a sizeable impact in accelerating climate change management. "Support to reduce carbon emissions in the NDC Framework has been increased by Indonesia in 2022. But Indonesia is currently also preparing Second NDC for a more ambitious emission reduction target that is planned to be delivered in 2025. This will create

opportunities for increasing renewable energy capacity in order to reduce emissions and increase investment that supports the energy transition," she explained.

- However, some NGOs like KEMITRAAN, MADANI Foundation, PIKUL Foundation, and WALHI, [criticized the COP28 result](#). "The world is very disappointed because COP 28 did not produce a firm mandate to phase out fossil fuels, namely coal, oil and natural gas. Even though there are calls to switch from fossil energy to reach net zero around 2050, there are many compromises such as the use of Carbon Capture, Utilization, and Storage (CCUS), transitional fuels whose limits are not clearly defined, even including nuclear as a solution," said Uli Arta Siagian, WALHI National Forest and Garden Campaign Manager.
- In conclusion, [Nirarta Samadhi Director of the World Resources Institute \(WRI\) Indonesia](#) believes that the agreement on the transition from fossil fuels in COP28 will become a new norm and inspire all parties to accelerate the energy transition, including Indonesia. "The inclusion of the agreement regarding fossil fuels will have a significant impact, especially in the non-technical field. It is also expected to influence the acceleration of energy transition in Indonesia", he said.



© German Government

Strategy on Climate Foreign Policy launched during COP28 in Dubai

The German government has released, at COP28, its [Strategy on Climate Foreign Policy](#). This comprehensive approach will guide our international climate action and is an important cornerstone of our security, energy, and economic policy.

The strategy emphasizes the urgency of global cooperation to achieve the Paris Climate Agreement goals. It considers ambitious climate action as an opportunity for sustainable economic development and energy security. The strategy highlights the importance of just transformation and climate justice in an increasingly multipolar world. It relies on international cooperation in various forums and initiatives, including the Climate Club.

The goals of German climate foreign policy are:

- the implementation of the Paris Agreement;
- the promotion of sustainable development;
- the adaptation to climate change; and
- the consideration of climate justice.

The priorities of German climate foreign policy include:

- drastically reducing global greenhouse gas emissions by 2030 (1.5°C limit);
- promoting a competitive and climate-just economy;
- solidarity with the most vulnerable;
- the protection of ecosystems;
- strengthening resilience, peace and security; and
- aligning international financial flows with a climate-resilient path.

Germany's climate foreign policy strategy relies on a variety of instruments, including bilateral partnerships, climate diplomacy, climate and development partnerships, and the Climate Club. The new strategy establishes an inter-ministerial coordination group at the State Secretary level and increases the number of climate focus embassies from 36 to 56.



IKI News



© GIZ / Climate and Biodiversity Hub Indonesia

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

The 5th IKI networking workshop was held on October 9, 2023, in Jakarta with the offline presence of more than 110 participants from IKI projects, consortium partners, and government representatives from Indonesia and Germany and with around 20 attendees joined online. Dr. Vivi Yulaswati, MSc, Deputy Minister for Maritime Affairs and Natural Resources, Ministry of National Development Planning (Bappenas), and H.E. Mr. Thomas Graf, Deputy Head of Mission, Embassy of the Federal Republic of Germany in Jakarta, welcomed the participants during the opening.

The workshop also offered space for representatives from the BMWK and BMUV, as well as ZUG, to introduce the new IKI strategy and other relevant updates and to interact with and get to know the organizations implementing IKI projects. These organizations had the chance to discuss and analyze some of their challenges and concerns, such as the sustainability of projects, administrative hurdles, and opportunities for knowledge and networking, which they raised with the IKI representatives present there for feedback and further discussion.

The special talk show on the interlinkages between climate, biodiversity, and energy was moderated by Andhyta F. Utami (Afu) from Think Policy, featuring Ir. Medrilzam, M.Prof. Econ, Ph.D. (BAPPENAS), Agus Rusly, S.Pi, M.Si. (KLHK), Tony Susandy, S.T., M.B.A. (KESDM), Constanze Böning (BMWK), Kilian Schubert (BMUV), and Dr. Perdinan (Bogor Agricultural University).

There is also the IKI marketplace, which showcases the four IKI funding areas, which are mitigation, adaptation, forestry (REDD+), and biodiversity, allowing IKI implementers to showcase their project activities and portfolios.

Watch the video highlight [here](#).



© GIZ Indonesia / ISEW 2023

The IKI Hub Indonesia supports events during ISEW 2023

The Government of Indonesia and Germany have a long-standing bilateral cooperation in energy sector for over 30 years. The International Climate Initiative (IKI), as an important part of the German government's international climate finance commitment, supported the implementation of the ISEW 2023 by conducting some workshops and discussions on diverse energy issues and engaging multiple IKI-funded projects in Indonesia.

[Indonesia Sustainable Energy Week \(ISEW\) 2023](#) is 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. This event has been held in Jakarta on 10-13 October 2023 through topic "United Towards a Decarbonised Energy System). Watch the highlight video [here](#).



© GIZ / Climate and Biodiversity Hub Indonesia

Promoting climate change and biodiversity management in Indonesia

The IKI interface project Climate and Biodiversity Hub Indonesia works alongside political partners, civil society, and local communities to address the climate and biodiversity crisis by promoting the integration of climate change and biodiversity actions into national plans and policies, supporting the fulfilment of international commitments such as the elaboration of the Nationally Determined Contributions (NDCs) and the new Indonesian National Biodiversity Strategy and Action Plan (IBSAP) and consolidating high-level policy dialogue between Germany and Indonesia.

Read more our new article in IKI website [here](#).



IKI Thematic Call 2023

Call for project outlines: 05.12.2023 – 27.02.2024

#IKIThematicCall23

IKI Thematic Calls 2023

The IKI Thematic Call 2023 was officially launched during COP28 and it is open for proposals until 27 February 2024. The project outline shall respond to one of 13 thematic priorities that can be found [here](#). More information read [here](#).



IKI Strategy 2030

The German Federal government is redefining the future design of the International Climate Initiative (IKI) and consequently an important part of Germany's international climate finance.

With this cross-ministerial funding programme, coordinated by the Federal Ministry for Economic Affairs and Climate Action (BMWK) since 2022 and implemented in close cooperation with the Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV) and Federal Foreign Office (AA), the German Federal government is supporting developing and emerging countries in ambitiously shaping and implementing climate change mitigation and biodiversity conservation.

This strategy sets out how IKI intends to make the greatest possible contribution to overcoming climate and biodiversity crises in its partner countries by 2030. Read more [here](#).

IKI Projects in Indonesia per December 2023



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Special Updates

International Forum for Coal Regions in Transition

26 - 27 October 2023

Berlin, Germany

Hybrid

Just Energy Transition in Coal Regions

Organized by: GIZ

Co-funded by: the European Union

Logos: IKI, GIZ, and other partner organizations.

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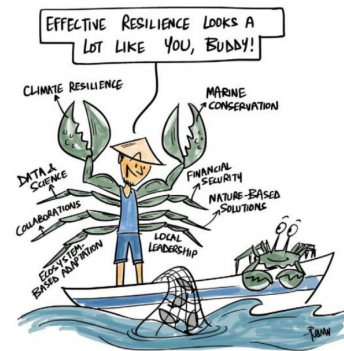
International Forum for Coal Regions in Transition

GIZ as part of The Just Energy Transition in Coal Regions – Interregional Platform (JET-CR Platform) has organized the forum for Coal Regions in Transition on October 26 - 27, 2023 in Berlin, Germany. The JET-CR platform is implemented in Chile, Colombia, Indonesia, Mongolia, South Africa, Thailand, and Viet Nam. The project aims to support and accelerate Just Energy Transitions (JET) away from coal to low-carbon, climate-resilient energy systems and sustainable and just local economies and communities.

The International Forum for Coal Regions in Transition brings together key actors from coal

regions to share best practices and exchange ideas on challenges around just energy transition processes. Find out more about the sessions and recordings [here](#).

Stories from Completed Projects



Developed as part of a side event hosted by Rare and the Global Island Partnership at the UNFCCC COP27 in Sharm El Sheikh, Egypt, this illustration visualizes the discussion between policy makers, practitioners, private sector partners and local community leaders on the topic of climate resilient coastal fisheries. Illustration Credit: Rohan Chakraverty for Rare.

Rare inspires change so people and nature thrive.



Conservation ultimately comes down to people—their behaviors toward nature, their beliefs about its value, and their ability to protect it without sacrificing basic life needs. And so, conservationists must become as skilled in social change as in science; as committed to community-based solutions as national and international policymaking.

Rare is a global leader in catalyzing behavior change to achieve enduring results. For over 40 years, inspiring change has been woven into the fabric of our work. This is what makes us Rare.

Learn more at rare.org and follow us at [@Rare_org](https://twitter.com/Rare_org).

© Rare - Fishing for Climate Resilience project

Fishing for Climate Resilience: Project Results, Insights and Lesson Learned

Fishing for Climate Resilience project is implemented by Rare together with Food and Agriculture Organization of the United Nations (FAO), Global Island Partnership (GLISPA), and Micronesia Conservation Trust. It aims to empower marginalized, fisheries-dependent communities in the Asia-Pacific region to adapt to climate change through Ecosystem-based Adaptation (EbA) approaches. The project is implemented across the following countries: the Philippines, Indonesia, Federated States of Micronesia, and Palau.

A total of 393 communities were engaged and actively implemented EbA measures. An estimated total of 20,072 direct beneficiaries were reached of which 47% of whom are women. A total of 37,965 people were reached by behavioral adoption campaigns. Communities monitor their catches and related financial results and share weather information for safety at sea. As a result, a total of 2,502 km² of coastal waters are now co-managed fishing grounds and a total of 30,85 km² of blue carbon ecosystems are protected in newly established reserves. Read more [here](#).

Human Impact Stories



The story of Abia Nafi: Solar Ice Maker Creates Small Business Opportunities

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

The local fishing community in Sulamu, East Nusa Tenggara, is experiencing economic impacts after a year of the Solar Ice Maker installation. Abia Nafi, a local fisherman

© GIZ/ExploRE - Aerial view of the

"Before the Solar Ice Maker, I spent approximately IDR 500,000 to buy ice. Now, I only need to spend IDR 200,000 to buy solar ice blocks. The cost savings have also provided me with additional capital to start a fish-selling business. I have just started this in the last few months," Abia said.

Apart from the time and cost efficiency, the solar ice maker facility has also made it possible for small business opportunities to flourish. With the reliable ice block supply from the Solar Ice Maker facility, Abia can now store and sell some of the catch at retail instead of selling all the fish to wholesalers at a lower price.



Gender Updates

Study trip to Lampung for female farmer groups from the Bukit Tiga Puluh area to learn about organic cultivation of pepper plants

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

Oil palms frequently cause human-elephant conflicts in the Bukit Tiga Puluh area. The Frankfurt Zoological Society (FZS) is trying to promote the mixed-cultures approach to reduce or end these conflicts. Members of three female farmer groups in the buffer zone area of Bukit Tiga Puluh National Park are prepared to promote the cultivation of pepper plants. One of the activities is a one-week study trip to Lampung to learn about different methods of pepper cultivation. FZS community trainers will continue to support the women's groups in growing pepper on site.



© FZS/Nature conservation concessions to protect tropical rainforest in Indonesia - Member of the Bukit Tiga Puluh female farmer group with a young pepper plant



IKI Small Grant News



© Perkumpulan Desa Lestari - Local training participants are presenting the results of the current program mapping.

Increasing Village Government Capacity through Preparing RTGLD

Written by Aqmarina Laili Asyrafi, Reducing Deforestation by Strengthening Forest Communities in Kerinci, Perkumpulan Desa Lestari, asyrafi@desalestari.com

The RTGLD (Preparing Village Land Use Plans) is a local community capacity building that's held in Tamiai, Pematang Lingkung, and Pungut Hilir villages in the Kerinci area from June 2023 until June 2024. This program involves other village governments, such as the Village Consultative Body

(BPD) and the representation groups in each village and is intended to strengthen the village government's capacity to prepare plans on land use and spatial planning in villages that mainstream



Project News - MITIGATION

Mitigating greenhouse gas emissions

Optimizing bioenergy utilization potential from agroindustries

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

Mentioned in the General National Energy Plan (RUEN), Indonesia aims to boost renewable energy utilization through various efforts, including contributions from the bioenergy sector, specifically biomass (8,4 million tons) and biogas (498,8 million m3). To reach this target, the government needs to enhance engagement with the private sector, particularly palm oil, sugar, and pulp and paper industries, where bioenergy potential from waste is abundant.



© GIZ/ExploRE - Site visit to palm oil mill in Serdang Bedagai, North Sumatra

Based on the data recorded by ExploRE, Indonesia has at least 29,4 million tons of biomass and 2,9 billion m3 of biogas potential, or 8 times higher than the RUEN target. To optimize the mapping of this potential utilization, ExploRE collaborated with the Ministry of Energy and Mineral Resources to organize several focus group discussions and stakeholder visits to these agroindustries. One example is engagement meetings with palm oil mill owners and visits to palm oil mills in North Sumatra and Riau provinces.

The FGD and visit aimed to collect and verify data related to various parameters in the quantification process of biomass and biogas utilization. In addition, the visit also opened a discussion between the government and private sectors to promote biomass and biogas direct utilization.



© GIZ/ExploRE - Representatives from the Ministry of Energy and Mineral Resources and the Ministry of National Development Planning listening to the explanation given by control unit engineer at PT Nubika Jaya (Permata Hijau Group) plant

Exploring the potential utilization of agro-industrial waste for hydrogen production

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

Indonesia's hydrogen consumption is dominated by the industry sector, where most of the hydrogen comes from natural gas and is produced without any carbon capture, utilization, and storage (CCUS) technology. With continuous usage of this type of hydrogen, Indonesia's carbon emissions would be skyrocketing.

ExploRE facilitated a stakeholder visit to the first biogas-based hydrogen plant in Indonesia, owned by Permata Hijau Group in North Sumatra, on September 14. The oleochemical plant produces hydrogen by utilizing palm oil mill effluent (POME), which is abundantly available in the area. Involving representatives from Indonesian ministries and SOEs, the visit opened a dialogue and potential collaboration for further development of green hydrogen.

A transition from fossil-sourced hydrogen to renewable-based green hydrogen would bring a significant benefit to reducing carbon emissions, especially for hard-to-abate sectors.

Bus Rapid Transit (BRT) to Advance the Paris Agreement

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

The transport sector's greenhouse gas (GHG) emissions could be decreased by switching to bus rapid transit (BRT) from private vehicles, according to research presented on 7 September 2023 by SUTRI NAMA & INDOBUS. From instance, in Bandung, a 5 percent shift from private vehicles to BRT would reduce GHG emissions by 66.2 percent in 2031 and more than double that amount by 2041. Mixed diesel and electric bus fleets in Makassar and Batam would also reduce emissions by as much as 2.1 kt CO₂eq per year by 2033. With that being enforced, the Paris Agreement's goal to limit global warming to 1.5°C would be feasible.



© GIZ / SUTRI NAMA & INDOBUS - Representative of SUTRI NAMA & INDOBUS during the "Reducing Land Transportation" event conducted by the Centre for Land Transportation Human Resources Development



© GIZ / SUTRI NAMA & INDOBUS - Participants of the discussion on integrated urban transport

Achieving Low Carbon and Climate Resilient Cities through Sustainable Urban Transport

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

On 17 October 2023, SUTRI NAMA & INDOBUS, along with partners from the Association of the Indonesia Municipalities (APEKSI) and other projects, organised a Knowledge Management Forum (KMF) to discuss and share best practices regarding low carbon development with integrated urban transport as one of the themes. The discussion

highlighted the importance of a multi-stakeholder roadmap on public transport management and the distribution of roles and responsibilities between national and regional governments. The transport group recommended promoting public transport programmes as a national and regional priority with the Regional Medium Term Development Plan or Strategic Plan as the legal foundation.

Exploring the Various Modes of Integrated Public Transport in Jakarta

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

On 18 October 2023, over 25 government officials representing various member cities of the Association of the Indonesia Municipalities (APEKSI) convened for a study trip to facilitate the exchange of lessons learned from Jakarta's integrated public transport system. The trip commenced with taking the MRT from Bendungan Hilir Station to Lebak Bulus Station. The participants then explored the Blok M area using Mikrotrans, followed by taking the TransJakarta bus from Blok M Station to CSW Station for a sharing session with PT. TransJakarta. With that, regional government officials were keenly inspired to further develop integrated urban transport systems in their regions.



© GIZ / SUTRI NAMA & INDOBUS - The participants of the study trip inside the MRT station



© GIZ / SUTRI NAMA & INDOBUS and Pekanbaru Transportation Agency - Left to right: Head of Pekanbaru City Regional Development Planning Agency, Head of Pekanbaru City Transportation Agency, Mayor of Pekanbaru, Country Director GIZ Indonesia & ASEAN, Regional Secretary of Pekanbaru City.

Assuring the Bus Rapid Transit (BRT) System Implementation in Pekanbaru

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

SUTRI NAMA & INDOBUS has been supporting the Pekanbaru City Government in developing sustainable urban transport through the Bus Rapid Transit (BRT) system. To solidify the commitment of the city government, the Country Director of GIZ Indonesia and ASEAN Martin Hansen met with the high-level officials of Pekanbaru City on October 19, 2023. During the meeting, the GIZ Country Director handed over a showcase of the BRT Pekanbaru design to the Mayor of Pekanbaru. The mayor appreciates

SUTRI NAMA & INDOBUS' continuous support in assisting Pekanbaru in developing its public transport system and looks forward to further cooperation, particularly on financing schemes.

Dialogue on arrangements and mechanisms for type III environmental labelling

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

The Center for Facilitating the Implementation of Standards of Environment and Forestry Instruments (Pusfaster) of Ministry of Environment and Forestry held the second focus group discussion on institutional arrangement of type III environmental labelling on 19 October 2023. The event was attended by representatives from Pusfaster, National Standardization Agency (BSN), Association of Pulp and Paper Industry, and certification/verification institutions. The discussion points include the labelling mechanism difference between type III with the already-implemented type I and II. Based on that, an online follow-up discussion was undertaken in November to gain inputs on the alignment of program operator standardization in Indonesia.



© GIZ / IREK II - Second FGD on institutional arrangement of type III environmental labelling



© ICLEI / Urban climate action Article 6 Paris Agreement - Representatives from the Yogyakarta government office, including the region's development planning agency, discuss strategic plans for urban sustainability projects in the city.

Yogyakarta City takes the lead in Piloting Urban Article 6 for Climate Finance and Sustainable Development.

Written by Juniarti Elisabeth, juniarti.elisabeth@iclei.org with PIC of project Yustisia Rahman, Project Officer, yustisia.rahman@iclei.org

Piloting the Urban Article 6 project in Indonesia, Yogyakarta City is poised to tap into climate finance, supporting cooperative approaches toward reaching targets in its NDCs. Taking place in Yogyakarta city on October 26, 2023, ICLEI Indonesia, in partnership with Perspectives Climate Group, successfully conducted capacity-building sessions and site visits. These activities aimed to equip city officials with essential strategies for implementing ready-to-finance urban projects.

Importantly, this initiative will play a crucial role in ensuring the environmental integrity of pilot projects and aligning with Indonesia's NDC to be eligible for Article 6 financing. Two key pilot projects have been identified in the region: the development of biodigester facilities to transform food market waste in Pasar Giwangan and the deployment of the electric bus in the city.

Supporting Indonesia in decarbonising its steel industry

Written by Deger Saygin, Clean Energy Finance and Investment Mobilisation Programme Lead; Joseph Cordonnier - joseph.cordonnier@oecd.org, Industry Policy Analyst; and Hakimul Batih, Indonesia Programme Representative, Sustainable Infrastructure Programme in Asia (SIPA)



© Sustainable Infrastructure Programme in Asia (SIPA)

On October 26, 2023, 40 representatives from industry actors, finance institutions, policy institutions, and civil society organizations participated in a workshop to discuss the key challenges that the steel sector faces in accelerating its decarbonization. The Ministry of Industry reminded Indonesia's target to reach net zero emissions by 2060 and by 2050 for the industry sector. Iron and steel have been identified as one of the priority subsectors to decarbonize the manufacturing industry in the enhanced Nationally Determined Contribution of Indonesia submitted in September 2022. This event kicked off the implementation of the OECD Framework for industry's net-zero transition for Indonesia's steel sector, which will continue until 2024.



© GIZ / IKI JET, Nafisa Iskandar

Best practices of Coal Mining Industries in supporting Regional Development in Indonesia

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

The first International Forum for Coal Regions in Transition was conducted on 27 October 2023, convening more than 100 just transition stakeholders from coal regions globally.

"The continuous support from (coal) industries, national ministries, local communities, and strong commitment from local governments for (post-mining development) are key for (just energy) transition", Mr. Dedi Rustandi, Ministry of National Development Planning. Many countries, including Indonesia, have started their journey on just energy transition. The exchange between stakeholders in these countries is deemed to be one of the keys to gathering lessons learned and policy recommendations for equitable energy systems and economically and societally just outcomes for communities.

The Inequalities - Environment Nexus: Just Green Transition

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

The Just Green Workshop, a collaborative effort between IKI JET, Bappenas SDEMP Directorate, and New York University, took place on November 2–3, 2023. The event was attended by around 80 participants. In this event, we are promoting the "just" element in the overall national green transition strategy, which includes energy transition. Various tools were introduced during the event to facilitate the planning of a just transition, extending beyond the energy sector. These tools, including ones utilized by countries like Canada, aim to promote equitable and sustainable transitions.



© GIZ / IKI JET - Opening remarks from Deputy for Maritime Affairs and Natural Resources, Bappenas (Ministry of National Development Planning), our strategic partner in Indonesia



© GIZ / CASE - 'Bincang Muda Talk' with Andhyta F. Utami

partnership

Written by Gandabhaskara Saputra and Maysa Andarini, Communications Coordinator GIZ Energy Programme & Junior Energy Advisor, Clean, Affordable, and Secure Energy (CASE) for Southeast Asia; GIZ SDG SSTC maysa.andarini@giz.de

This November, the SDGs Annual Conference (SAC) 2023, held in Yogyakarta, emerged as a beacon of hope, bringing the theme "Water, Energy, and Agriculture Towards Sustainable Food Security." Connecting key stakeholders, the conference delved into the intricate interplay of the three critical sectors, highlighting the challenges and opportunities that lie ahead.

Throughout the three-day conference, The Project Clean, Affordable, and Secure Energy (CASE) for Southeast Asia, in collaboration with the SDG SSTC project, underscored the pressing need for a transition towards cleaner energy to chart a path towards a more sustainable and resilient future. To see more about SAC, click [here](#).

Mainstreaming Long-Term Climate Strategy and Green Economy Planning at National and Subnational Scales

Written by Egi Suarga, egi.suarga@wri.org, Climate Manager, WRI Indonesia; Talitha Dwitiyasih, talitha.dwitiyasih@wri.org, Climate and Decarbonization Analyst, WRI Indonesia

In early November 2023, WRI Indonesia collaborated with Bappenas' LCDI Secretariat to develop a technical note on the green economy model for the upcoming 2025–2029 national medium-term development plan (RPJMN). This technical note delves into data, assumptions, and policy scenarios across key sectors included in the green economy model for both the 2025–2045 national long-term development plan (RPJPN) and its derivative RPJMN.

Furthermore, on November 17, 2023, WRI Indonesia spoke at the Asia Pacific Climate Week side event, sharing insights on implementing NDCs through Subnational Climate Finance. The session covered lessons learned from integrating NDC and climate action into national and subnational development plans, including the recently formulated RPJPN.



© WRI Indonesia / 2050 is now - FGD on Technical Note Development for Green Economy Modelling in the RPJPN 2025-2045 and RPJMN 2025-2029 and Participating as speaker on Asia Pacific Climate Week titled "Implementing NDCs through Subnational Climate Finance"



© GIZ / IREK II - First FGD on life cycle inventory database development

Paving the path for developing national life cycle inventory database

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

Ministry of Public Works and Housing, National Agency of Research and Innovation, and relevant industry associations and companies attended the FGDs.

National inventory database helps industries to have more representative datasets, thus more reliable life cycle assessment (LCA). Through LCA, industries can measure their resource

A series of focus group discussions (FGDs) on life cycle inventory database development was held on 12 September and 28 November 2023. Representatives of Ministry of Environment and Forestry (KLHK), Ministry of Industry,

Kicking off the Development, Design, and Engineering of a Ready-to-Finance Renewable Energy Project in West Nusa Tenggara

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

In a significant milestone towards achieving 100% renewable energy in West Nusa Tenggara (WNT), ICLEI Indonesia, in partnership with the Energy Institute, recently facilitated the kick-off meeting for the region's first ready-to-finance renewables project in Mataram city on November 29, 2023.

The meeting convened project implementation team members, consisting of officials from various agencies, PLN, industries, universities, vocational schools, RE champions, NGOs, media, and financial institutions (banks) involved in the success of the project.

The project aims to demonstrate the financial viability of renewable energy (RE) by developing a rooftop solar PV power system on the Karang Taliwang Public Health Center building. This pilot project seeks to attract clean energy funding from local, national, and international investors, contributing to the broader goal of establishing a replicable and sustainable energy system in WNT.



© ICLEI / Towards 100% renewable energy cities and regions for climate change mitigation - Representatives from the WNT government office, including the Head of WNT's energy agency, Secretary of WNT's development planning agency, private industry, university, vocational schools, RE champions, NGOs, media, and financial institutions.



© GIZ / SUTRI NAMA & INDOBUS - The government participants of the FGD

Delving into the Transport System Development in Semarang

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

On 29-30 November 2023, SUTRI NAMA & INDOBUS held a focus group discussion (FGD) to gather views and opinions regarding the challenges and opportunities in developing the transport system in Semarang, specifically regarding Bus Rapid Transit (BRT). The participants of the

FGD are various stakeholders in the Semarang transport development, both from the government and non-government sectors. This is to ensure comprehensive transport conditions in Semarang. The information collected will be utilized to draw up an effective communication strategy for a socialization activity designed to accelerate the implementation of BRT in Semarang.

Incorporating JET issues in Preliminary Draft RPJPD South Sumatra 2025- 2045

Written by Nyimas Wardah, Advisor, GIZ / IKI JET, nyimas.wardah@giz.de

The South Sumatra Government launched the preliminary draft (Ranwal) RPJPD 2025–2045 during the public consultation forum of the long-term strategic planning document (RPJPD) on December 6, 2023. The draft adopts



© GIZ / IKI JET, Bappeda South Sumatra - Regional Secretary of South Sumatra

the IKI JET recommendation to incorporate Just Energy Transition issues.

Province - Ir. S. A. Supriono, gave his opening remarks to start public consultation of the Preliminary Draft RPJPD

"By 2030, our government will limit coal consumption, and we have to be prepared for the implication, including the work termination in the coal sectors." said Ir. S.A. Supriono, Regional Secretary of South Sumatra Province.

Economic transformation is one of the strategic approaches to anticipate the impact of the coal transition and has been part of the South Sumatra government's primary development targets, including improving workers' skills for green jobs.



Project News - ADAPTATION

Adapting to the impacts of climate change



© Muhajirin, 2023 - Diving training in Amed Sea, Karangasem, Bali and all training participants and resource persons

Empowering Indonesia's Marine Biodiversity Conservation: Intensive Training on Coral Reef Identification, Inventory, and Analysis

Written by Sonny Syahril, sonny.syahril@giz.de; Ikeu Sri Rejeki, ikeu.rejeki@giz.de; Ivonne Melissa, ivonne.melissa@giz.de, GIZ - Climate and Biodiversity Hub Indonesia (CLARITY)

The Directorate General of Natural Resources and Ecosystem Conservation (DG-KSDAE) of the Indonesian Ministry of Environment and Forestry, in collaboration with

GIZ through the Climate and Biodiversity Hub Indonesia (CLARITY), organized an intensive training on coral reef species identification, inventory, and analysis. The training was conducted in two stages: online on September 26–27, 2023, and on-site in Bali from October 2–7, 2023, with the aim of enhancing the management of marine ecosystem conservation.

This training provided participants with both theory and on-site practice. The theoretical part covered the identification, inventory, and analysis of coral reef species, as well as diving techniques and underwater photography. Practical training took place in both a pool and in the Amed Sea, in the northeast of Bali. On the final day of the training, participants visited PT. Aquatic Marine in Bali to practice coral species identification. Before the training concluded, participants took a written test to obtain an A1 diving certificate. Read more [here](#).

Climate Talks Jakarta: Climate Change Impacts on the Ocean Physics and the Induced Sea Level Rise

Written by Ika Suratno ika.suratno@giz.de; Ivonne Melissa ivonne.melissa@giz.de; and PIC of Project Sonny Syahril sonny.syahril@giz.de - GIZ / Climate and Biodiversity Hub Indonesia (CLARITY)

On 9 November 2023, GIZ through the Climate and Biodiversity Hub Indonesia (CLARITY project), has organized a new episode of Climate Talks.



© GIZ / Climate and Biodiversity Hub Indonesia (CLARITY) - Talk show session of the Climate Talks Jakarta

This session invites Prof. Dr. Stefan Rahmstorf, Head of Research Department 1: Earth System

Analysis, Potsdam Institute for Climate Impact Research in Germany, to share about his scientific study on Climate Change Impact on the Physics of the Ocean: The Induced Sea Level Rise. He stated that strong anthropogenic greenhouse gas emission causes sea level rise significantly in 20th century. Our emissions today will cause sea levels to rise further for thousands of years. Therefore, the choices and actions implemented in this decade will have impacts now and for the next thousands of years.

Following his keynote presentation, the panel discussion on Indonesia's mitigation and adaptation strategies was held, involving multi-stakeholder speakers such as Nuraeni, S. Hut., M.E.S. (KLHK); Dr. Nur Masripatin (Senior Adviser to Minister of KLHK on Climate Change and International Convention); Dr. Novi Susetyo Adi (Ministry of Marine Affairs and Fisheries-KKP); Fegi Nurhabni, S. T., M. T., M.Sc. (KKP); Denia Syam (Mercy Corps Indonesia); Dr. Perdinan (IPB University); and Prof. Dr. Stefan Rahmstorf. This session was moderated by Prof. Edwin Aldrian (National Research and Innovation Agency-BRIN). Read more [here](#).



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Public Communication on Incorporating Just Transition into Indonesia's Second Nationally Determined Contribution (NDC)

Written by Winda Retna Sari winda.retnasari@giz.de with PIC of project Sonny Syahril sonny.syahril@giz.de - GIZ / Climate and Biodiversity Hub Indonesia (CLARITY)

On 17 November 2023, a pivotal event in Jakarta initiated a public communication on incorporating Just Transition into Indonesia's Second NDC, hosted by the Ministry of

Environment and Forestry. The event encompassed 127 stakeholder representatives from various sectors, including the government, development partners, universities, private sector entities, non-governmental organizations (NGOs), and associations, highlighting the need for collaboration and strong institutions to build a thriving Just Transition in Indonesia. Throughout the event, several key recommendations emerged, essential for guiding Indonesia's pathways toward a Just Transition. These recommendations underscore crucial aspects essential for the planning and execution of Just Transition strategies in Indonesia.



Project News - FORESTRY (REDD+)

Conserving natural carbon sinks with a focus on reducing emissions from deforestation and forest degradation (REDD+)

Fostering Optimism: Advancing Peat-Friendly Agriculture for Rural Livelihood Improvement

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

During the visit to Baru Village in Banyuasin Regency, Kilian Schubert, representing the German Federal Ministry for Environment, Nature Conservation, and Nuclear Safety (BMUV), savoured the distinct flavour of authentic trigona honeybees produced by the Women Farmers group. This visit marked the donors' first-hand exploration of the Peat-



© World Agroforestry/Peat-IMPACTS Indonesia with Bubun Kurnadi/Indonesia Journalist - Exploring the progress of the Peat-IMPACTS Indonesia project, Killian Schubert (BMUV)

The initiative focuses on peatland conservation, involving district-level practices and policies. Collaborative efforts extend to regional planning and development, aiming to integrate peat protection, green growth, and climate change considerations. At the village level, sustainable peat roadmaps are being developed, enhancing farming models and capacity through training for the village working teams in six pilot villages across Banyuasin and Ogan Komering Ilir Regencies.

The goal is to disseminate and implement these successful practices throughout South Sumatra, to foster sustainable peatland management.



© World Agroforestry/Peat-IMPACTS Indonesia/Junaidi Hutasuhut - Farmers groups join the vegetative propagation training for rubber and fruit trees

Optimizing Vegetative Propagation to Increase Plant Diversity and Quality on Agricultural Land

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

In Lebung Itam and Penanggoan Duren Villages, in Ogan Komering Ilir (OKI) Regency, South Sumatra, unprofitable rubber prices and poor yields challenge the monoculture rubber farmers in the peatland area. Limited knowledge and information, as well as superior varieties and seeds, exacerbate the issue. ICRAF, through the Peat-IMPACTS project, intervenes with training in grafting and cutting techniques, aiming to empower farmers to produce high-quality seeds. The goal is to meet local farm demands, elevate village agriculture, and generate income for farmer groups by selling superior seeds.

Cultivating Fruit Trees: Agroforestry Training in Kubu Raya, West Kalimantan

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

In Sungai Asam village, West Kalimantan, the prevalent monoculture pineapple farming on peatlands poses long-term threats to soil fertility and invites pests, diminishing productivity. The community sought to enhance pineapple farming through agroforestry. Integrating fruit trees with pineapple not only mitigates soil fertility risks and pest propagation but also enhances income. Despite limited knowledge and expensive quality seedlings, the Peat-IMPACTS project by ICRAF empowers locals.

The initiative offers training on durian, matoa, and pineapple cultivation, emphasizing vegetative propagation, natural pest control, and organic fertilizer production. The program also featured insights from two farmers in Sungai Radak Dua Village, sharing experiences on crafting organic fertilizers and effective vegetative propagation techniques.



© World Agroforestry / Peat-IMPACTS Indonesia, Nurhayatun Nafsiyah - Empowering farmer groups, including women, through training on sustainable agricultural practices and agroforestry system.





© FZS / Nature conservation concessions to protect tropical rainforest in Indonesia - Member of the elephant conflict mitigation team fires a scare gun to drive elephants away

Forest destruction in the buffer zone of Bukit Tiga Puluh National Park drives elephants to forage in local fields

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

The rugged terrain of Bukit Tiga Puluh National Park does not provide suitable habitat for the local elephant population. More than 120 elephants live in the buffer zone of the national park, where they come into conflict with local farmers who continue to convert natural forest into fields.

The Frankfurt Zoological Society (FZS) has trained over 330 farmers from eight villages in elephant conflict mitigation and equipped them with scare guns and other mitigation equipment. The long-term goal is to move away from oil palm monocultures to mixed crops that help prevent elephant conflicts and enable peaceful coexistence.

Development of Ecological Fiscal Transfer in Central Java Province

Written by Bayuni Shantiko, National Project Manager, UNDP / BIOFIN, bayuni.shantiko@undp.org

The province of Central Java has undertaken various study activities to formulate an Environmental Fiscal Transfer (EFT) scheme that takes biodiversity and fiscal capability into account.



© UNDP / BIOFIN II, Liza and Priyono

Initiatives consisted of an inception workshop with local governments and key institutions, environmental risk mapping with municipalities, and regional workshops in Purwokerto, Sragen, and Pekalongan clusters. A meeting organized by BIOFIN and Bappenas in August 2023 discussed progress and decided on a revised Governor Regulation incorporating EFT arrangements before the 2025 Musrenbang.

Plans included an environmental data collection for assessments in Q3 2023 and a 2024 focus on biodiversity studies and program enhancement for policy integration into regional planning. Bappeda underscores technocratic planning, coordinating with various entities for regulatory revisions, and emphasizing EFT integration in Central Java's planning.

Follow-ups involved preparing technocracy after August 17 with TAPD and intensive coordination by the Regional Coordinator in September.



© GIZ / (SUPA/ASEAN REPEAT) - Participants of "Kick-off APMS 2023-2030 and Way Forward Workshop"

New ASEAN Peatland Management Strategy Officially Launched

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

After a series of consultations since 2022, the ASEAN Peatland Management Strategy (APMS) 2023–2030 was adopted by the 18th Meeting of the Conference of Parties to the ASEAN Agreement on Transboundary Haze Pollution Control on August 23, 2023.

During a workshop held on November 14–15, 2023, in Bangkok, ASEAN Member States identified the capacity and policy needs, opportunities for cooperation, as well as the way forward for finalizing the Monitoring and Evaluation Framework. On the second day, relevant stakeholders joined the workshop offline and online to give their insights and ideas to ensure successful implementation of the new APMS.



Knowledge Products

Fact sheet – Socio-economic impact assessment of Solar Ice Maker in Sulamu
by GIZ ExploRE (Strategic exploration of economic mitigation potentials through renewables)

» <https://bit.ly/DampakSosialEkonomiSolarIceMaker>

ASEAN Peatland Management Strategy 2023-2030
by GIZ - SUPA / ASEAN REPEAT (Strengthening regional experiences on sustainable peatland management)

» <https://asean.org/serial/2023-2030/>



Upcoming Events

The 1st IKI Communication & Digital Training:
Communicating impacts through powerful writing in the digital age

20 – 21 February 2024
09.00 a.m. - 17.00 p.m. (offline)

The IKI Hub Indonesia will organize the 1st IKI Communication and Digital Training with the theme “Communicating impacts through powerful writing in the digital age”. The training will be co-organized in collaboration with Think Policy.

This two-full-day capacity-building session will invite various prominent speakers, ranging from senior editors in Indonesian media, international organization representatives, environmental practitioners and communicators. The blended learning methods with diverse learning activities are expected to provide a meaningful learning journey for IKI implementers that will result in the knowledge and skill sets needed to write powerfully in the digital age.

More information: ikihubindonesia@giz.de



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**Deutsche Gesellschaft für Internationale Zusammenarbeit
(GIZ) GmbH**

Registered offices
Bonn and Eschborn, Germany

Friedrich-Ebert-Allee 32 + 36
53113 Bonn, Germany
T +49 228 44 60-0
F +49 228 44 60-17 66

Dag-Hammarskjöld-Weg 1 - 5
65760 Eschborn, Germany
T +49 61 96 79-0
F +49 61 96 79-11 15

E info@giz.de
I www.giz.de

Registered at

Local court (Amtsgericht) Bonn, Germany: HRB 18384
Local court (Amtsgericht) Frankfurt am Main, Germany: HRB 12394

VAT no. DE 113891176
Tax no. 040 250 56973

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Anna Sophie Herken

In charge of this newsletter:

Karin Cristina Allgoewer, karin.allgoewer@giz.de

Editor(s):

Eka Gona Putri, eka.putri@giz.de
Reo Audi, reo.audi@giz.de

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The IKI Indonesia newsletter is administered by the IKI interface 'Climate and Biodiversity Hub Indonesia' project, commissioned by the International Climate Initiative (IKI), and informs quarterly about the updates of climate change and biodiversity projects in Indonesia. The initiative is implemented on behalf of the German Federal Ministry for Economic Affairs and Climate Action (BMWK), the German Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV), and the Federal Foreign Office (AA).

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