



Issue No. 27 | December 2024

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 **27th 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.

This newsletter highlights the current climate and environmental policies introduced by Indonesia's new ministerial administration. For **funding opportunities**, IKI currently has three calls open: Small Grants, Medium Grants, and Thematic Calls. Additionally, information about the Mitigation Action Facility is featured as a new funding opportunity.

In this edition, we celebrate **Energy Efficiency Day (October 2nd)** with a cover photo dedicated to

the occasion. Be sure to read an article about **World Habitat Day (October 1st)** from the Sustainable Energy Transition in Indonesia (SETI) project, as well as coverage of **Wildlife Conservation Day** (December 4th) from the Nature Conservation Concessions in Bukit Tigapuluh project.

We also bid farewell to several completed projects and acknowledge their tremendous contributions: **Peat-IMPACTS, SUPA/ASEAN REPEAT, Land Use Management to Reduce Deforestation (LUMeR), 100% Renewable Energy Cities (100% RE), and the BESTARI project**. Don't miss the inspiring lessons learned from these projects, highlighted in the "Stories from Completed Projects" section.

In the Q1 2025, IKI Hub Indonesia will host two key events: the **IKI Round Table in Jan 2025** (exclusively for managers and team leaders) and **IKI training on project impact monitoring and evaluation in Feb 2025**. Details are available in the events section.

We've also completed the development of all IKI Indonesia project pages, which you can explore here: <https://iki-indonesia.id/project/>. The information has been sourced from the database forms previously shared with us. Please let us know if you'd like to update or edit your project page.

As 2024 draws to a close, we extend our heartfelt gratitude for your active participation in the many initiatives by IKI Hub Indonesia. We hope we have contributed to a broad knowledge and experience exchange and collaboration among organizations implementing IKI projects.

We wish you a joyful holiday season filled with peace, happiness, and well-deserved rest. May 2025 bring renewed energy and continued collaboration for a sustainable future.

Best regards,

Climate and Biodiversity Hub Indonesia (IKI interface project in Indonesia)

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Policy Highlights



© President Prabowo Subianto attends the G20 talks in Rio de Janeiro, Brazil, on Nov. 19, 2024 local time. (Presidential Press Bureau)

Accelerated Net-Zero Target

President Prabowo Subianto has announced an ambitious plan to achieve net-zero emissions by 2050, a decade earlier than the previous 2060 target. This shift was emphasized at COP-29 and the G20 Summit as a strategic move to position Indonesia as a leader in global climate action. (Source: [Katadata](#) and [Jakarta Globe](#)).



© Barges are fully loaded with coal on the Mahakam River in Samarinda, East Kalimantan, Indonesia, Dec. 19, 2022. (AP Photo/Dita Alangkara)

Coal Phase-Out by 2040

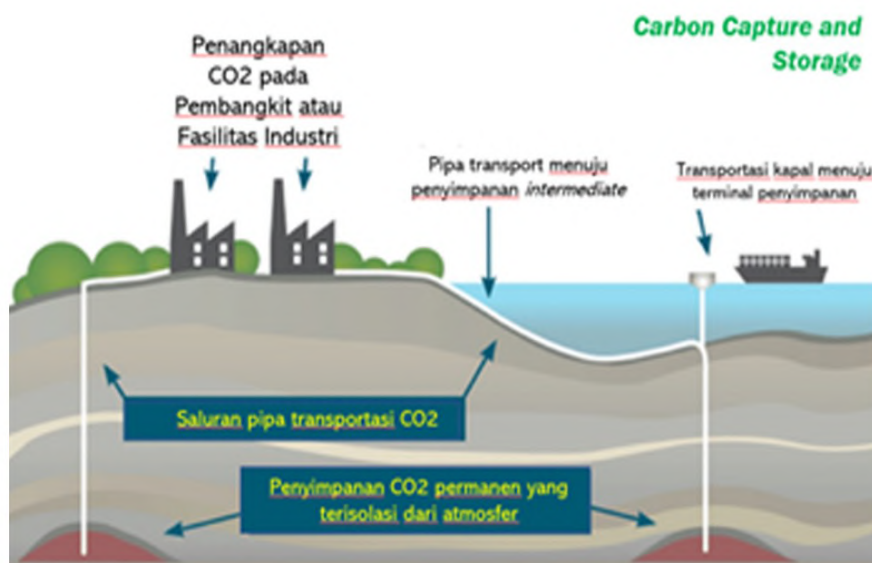
Indonesia aims to phase out coal power entirely by 2040, signalling a faster transition to renewable energy compared to the earlier 2056 timeline. This aligns with plans to build 75 GW of renewable power plants over the next 15 years. (Source: [Cabinet Secretary](#) and [AP News](#))



© Canva/Solar Quarter

Renewable Energy Expansion

Indonesia will add 100 GW of energy capacity, with 75% coming from renewables such as solar, wind, hydro, geothermal, and nuclear energy. This reflects the country's commitment to a green energy transition. (Source: [President of Republic of Indonesia release](#) and [Solar Quarter](#))



Carbon Capture Storage/Katadata

Carbon Market and Storage Initiatives

Indonesia is offering 557 million tons of carbon credits and aims to develop carbon capture and storage (CCS) projects with multinational investments. This strategy leverages Indonesia's 500 GT storage potential. (Source: [Katadata](#))



© Mari Elka Pangestu (right) and Haryanto Adikoesoemo (left) prepare to be inaugurated as Deputy Chair and member of the National Economic Council by President Prabowo Subianto at the State Palace in Jakarta on Tuesday, Nov. 5, 2024. President Prabowo inducted Mari Elka Pangestu as Deputy Chair along with council members Chatib Basri, Haryanto Adikoesoemo, Arief Anshory Yusuf, Heriyanto Irawan, Septian Hario Seto, and Firman Hidayat. (ANTARA FOTO/Hafidz Mubarak A)

Institutional Key Appointments

The newly established National Economic Council includes progressive figures like Prof. Mari Elka Pangestu and Dr. Chatib Basri, signalling alignment of economic growth with climate priorities. (Source: [Jakarta Globe](#) and [The White House](#))



IKI News



© International Climate Initiative (IKI)

IKI Small Grants 2024, IKI Medium Grants 2024, and IKI Thematic Call 2024

1. IKI Small Grants 2024

Budget range from EUR 60,000 to EUR 200,000 Read more [here](#).

2. IKI Medium Grants 2024

Budget range from EUR 300,000 to EUR 800,000. Read more [here](#).

3. IKI Thematic Call 2024

Budget range from EUR 5 million to EUR 20 million. Read more [here](#).



Mitigation Action Facility

Mitigation Action Facility

The [Mitigation Action Facility](#) is a global multi-donor climate finance program supporting sectoral decarbonization. It succeeded the NAMA Facility in 2023 after 10 years of implementation.

Key Partners and Funding

- Main funding partners: Germany and the UK.

The German Federal Ministry for Economic Affairs and Climate Action contributes through the International Climate Initiative (IKI).

- Additional partners: European Commission, Denmark, and the Children's Investment Fund Foundation.

Call for Projects 2025

- Launched: 19 November 2024 at UNFCCC COP29 in Baku.
- Submission deadline: 19 February 2025 via the [Open Application Platform](#).
- Funding: Up to €100 million (maximum €25 million per project). All funding is grant-based.

More detail please visit this [website](#).



© International Climate Initiative (IKI)

The IKI at the COP29

At the UN Climate Change Conference in Baku, Azerbaijan, the implementation of last year's resolutions on energy, mitigation and adaptation targets was on the agenda – and above all the negotiation of a new approach to climate financing. The questions of how to shape and finance the just transition were also among the topics discussed during the IKI High Level Event and the IKI Networking Event at COP29.

With the launch of the IKI Thematic Call 2024 at the High Level Event, the IKI ministries presented a concrete example of how the International Climate Initiative promotes solutions for current challenges in the field of climate action and biodiversity conservation. The nine thematic priorities of the call range from mobilising private capital, decarbonising energy-intensive industries and conserving critical wetlands to enhancing climate resilience and preventing conflicts.

Read more [here](#).



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The 2nd IKI Communication and Digital Training- Catalysts for Change: Strong Advocacy and Impactful Campaigns for a

Sustainable World

Despite years of discussing climate change and environmental issues, our actions to mitigate these challenges still fall short. Many of us worldwide have been tirelessly advocating for these issues through various medias, from infographics to podcasts—but the real question remains: how can we create digital campaigns that make a lasting impact?

In response to this pressing need, the International Climate Initiative (IKI) Hub in Indonesia had the pleasure of hosting the 2nd IKI Communication and Digital Training with theme "Catalysts for Change: Strong Advocacy and Impactful Campaigns for a Sustainable World" in collaboration with Think Policy Indonesia on November 5-6, 2024 in Jakarta.

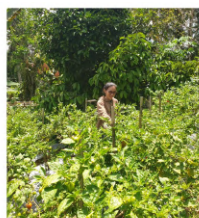
Watch our video highlight [here](#). Read more about the training [here](#).

IKI Projects in Indonesia per December 2024



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Human Impact Stories



©RYCAM/Hanna Keller - Holy joyfully harvesting her Katokkon chili, a Toraja specialty

From Finance Graduate to Farming Influencer: Holy Inspires Youth

Written by Hanna Keller, postgraduate student at the Centre for Rural Development (SLE) of Humboldt-Universitaet zu Berlin as part of the [RYCAM Indonesia project](#). For more information on the RYCAM project in Toraja, contact yessy.pusbinlat@gmail.com.

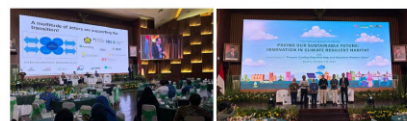
“When it comes to falling in love with agriculture, I truly fall in love.” Holy, a 30-year-old farmer from Toraja, has transformed her life from a finance graduate to a passionate advocate for agriculture. She grows chili and rice and manages her farm independently. Without formal training, Holy learned about farming through Google and social media, and recently joined a local climate field school on organic practices organized by RYCAM. Her [TikTok](#) videos, viewed by millions, aim to inspire youth to embrace agriculture as a meaningful career. Holy’s story highlights the importance of youth, education, and passion in reshaping the future of farming in her region.



Special Environmental Day

SETI Project Highlights Collaboration at 2024 World Habitat Day Seminar

Written by Felix Ciosconara, Energy Advisor, Sustainable Energy Transition in Indonesia (SETI) project,
felix.ciosconara@giz.de



On October 1, PUPR marked 2024 World Habitat Day with an inspiring international seminar themed “Engaging Youth to Create a Better Urban Future.” Dr. Johannes Anhorn, representing the SETI project, emphasized the importance of collaboration in tackling urban climate change. The SETI project supports the development of Energy Performance Index (IKE – Indeks Konsumsi Energi), set by the Ministry of Energy and Mineral Resources. This index, planned for integration with the newly launched Passive Cooling Potential Map, aims to create an evidence-based baseline for building energy conservation measures, which is adapted to Indonesia's diverse climates.

© GIZ, SETI - Dr. Johannes Anhorn, SETI Project Coordinator, presented at World Habitat Day International Seminar, 1 October 2024 and Speakers and moderator of panel session in World Habitat Day Seminar, 1 October 2024, with the representative from Ministry of Public Works and Housing/IJ



©Frankfurt Zoological Society-Bukit Tigapuluh Landscape Indonesia/ - Canur the offspring of Citrawan being clingy to her Mother

Wild Offspring Thrive: A Milestone in Sumatran Orangutan Conservation

Written by Endah Sulistianti/Public Relation/Frankfurt Zoological Society-Bukit Tigapuluh Landscape Indonesia/endah.wahyu@fzs.org

On Wildlife Conservation Day, we celebrate a new milestone in orangutan conservation—a male offspring was born to Citrawan, a rescued and reintroduced Sumatran orangutan in Bukit Tigapuluh, Tebo Regency. Once a victim of wildlife trafficking, Citrawan has adapted successfully to her natural habitat, now contributing to the species' survival. Her offspring is the 24th orangutan born to reintroduced mothers, a testament to the conservation efforts by the Frankfurt Zoological Society. With over 200 orangutans released, these successes remind us of the importance of protecting wildlife and their habitats. **Save the Sumatran Orangutan!**

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Gender Updates

Empowering Women Farmers in Delima Village: October 2024 Update

Written by Endah Sulistianti/Public Relation/Frankfurt Zoological Society-Bukit Tigapuluh Landscape Indonesia/endah.wahyu@fzs.org



In October 2024, the Frankfurt Zoological Society hosted a workshop in Delima Village, Jambi, to empower women

© Frankfurt Zoological Society - Nature Conservation Concessions - The Women Farmers Group workshop in

coffee farmers through Guyub—a collective cohesion initiative. The group reflected on challenges like fluctuating coffee prices and explored solutions to strengthen unity and teamwork. Together, they developed shared strategies to improve coffee production, including plans for an on-site coffee processing unit at the farm and village levels. This initiative not only enhances coffee quality and market access but also demonstrates the transformative impact of collaboration. By fostering Guyub, the workshop supports women in building stronger communities and sustainable livelihoods in Bukit Tigapuluh.

Delima Village, aims to expand market access and establish shared marketing strategies, including an on-site coffee processing unit (after-harvest unit) at the farm and Women Farmers Groups learns how to make as the value added variant of coffee products.



Stories from Completed Project



© CIFOR-ICRAF - An aerial photograph captures the landscape of the peatland ecosystem in South Sumatera, showcasing this unique ecosystem that plays a critical role in carbon storage, biodiversity conservation, and supporting the livelihoods of local communities

Track Record of #PeatlandHeroes: Enhancing Peatland Management and Stakeholder Capacity in Indonesia

In December 2024, the Peat-IMPACTS program, implemented by ICRAF Indonesia in collaboration with the Center for Soil and Fertilizer Research (BPSI Tanah dan Pupuk), executing partners, the Provincial Governments of South Sumatra and West Kalimantan, the Regency Governments of Ogan Komering Ilir, Banyuasin, and Kubu Raya, as well as stakeholders and local communities, successfully concluded its planned series of partnerships and project implementation activities.

Peat-IMPACTS is a grant project funded by Germany's BMU-IKI, running from January 2020 to December 2024. Its goal is to enhance stakeholder capacity and sustainable peatland governance. To achieve this, various data, systems, and models have been tested and developed, generating key learnings from the program's implementation. The approaches, frameworks, and on-ground activities were designed and agreed upon collaboratively with stakeholders through a thorough analysis process from the program's inception.

Through an inclusive and participatory approach, the program produced the Sustainable Peatland Village Roadmap (PEGARI), covering 39 villages in the Sungai Saleh–Sungai Sugihan and Sungai Sugihan–Sungai Lumpur hydrological units (KHG), as well as 27 villages in the Sungai Kapuas–Sungai Ambawang and Sungai Terentang–Sungai Kapuas KHG. PEGARI serves as a key reference for village-level planning to support sustainable peatland ecosystem protection. During its development, the Assessment of Livelihoods and Landscapes to Increase Resilience (ALLIR) framework was effectively tested and implemented by 120 university graduates in South Sumatra and West Kalimantan.

The next step involves utilizing the information in PEGARI by validating and clarifying field findings and formulating them into proposed farming models. This process includes identifying and agreeing on potential commodities, planning training to build capacity, and determining partners who can or may support the program. In addition, twelve intervention villages in each province have been selected for the Peat-IMPACTS program, and Village Working Teams (TKD) have been established to carry out activities. The formation of TKDs is entirely the responsibility of the villages, either through the village head or local community groups, such as farmer groups or individual stakeholders.

A total of 711 farmers from 12 farmer groups participated in training programs on sustainable peatland management, including paludiculture and agroforestry. Of these, 35% were women

farmers. The program successfully produced 38 pioneer farmers ready to act as role models and drivers of community welfare while maintaining peatland ecosystem sustainability.



© CIFOR-ICRAF

Currently, 12 business partnerships have been established between farmer groups and villages with private sector actors and other partners. Best practices for peatland management are being implemented in 12 pilot villages, tailored to the characteristics and potential of each Peatland Hydrological Unit (KHG). Farming models are designed based on five livelihood capitals: natural, human, social, financial, and physical. The process begins with role allocation, land management training, institutional strengthening, and direct implementation in the field. These villages are expected to serve as successful examples that can be replicated in other areas with similar conditions.

At the district and provincial jurisdictional levels, stakeholder discussions and agreements have led to the formation of working groups (POKJA) responsible for overseeing peatland management processes, including drafting the Sustainable Peatland Ecosystem Management Plan (RPPEG) document. This aligns with Government Regulation No. 71/2014, later revised as Government Regulation No. 57/2016, on Peatland Ecosystem Protection and Management. The RPPEG document is collaboratively developed with the involvement of various regional government organizations (OPDs), ministry technical units (UPTs), Peatland Restoration Agency task forces (TRGD/TRGMD), academics, NGOs, and practitioners. To ensure sustainability, the RPPEG content has been integrated into broader policies, such as Regional Spatial Plans (RTRW) and Regional Development Plans at the provincial and district levels.

Sustaining peatland ecosystems requires consistent interventions supported by adequate and innovative funding schemes. These schemes aim to not only ensure the protection and management of peatland ecosystems from provincial to village levels but also to improve the livelihoods and welfare of local communities. As an initial step, the role of the private sector has been introduced to support community livelihoods in peatland areas. This process is ongoing, with the hope that corporate social and environmental responsibility (TJSL) programs from the private sector can contribute meaningfully to sustainable peatland management.

Peat-IMPACTS supports Indonesia's emission reduction targets (NDC) by conducting various studies to improve peatland emission factors and estimate the impact of restoration on reducing emissions. These efforts also aim to enhance stakeholders' capacity in managing peatlands sustainably.

As part of its educational efforts, a localized peatland curriculum implemented in primary schools in Ogan Komering Ilir, Banyuasin, and Kubu Raya serves as a model for other districts in South Sumatra and West Kalimantan, fostering environmental awareness from an early age. The Wikigambut platform continues to evolve as a means to share information and knowledge about peatlands, helping to raise public awareness. Additionally, the use of modern technology to monitor peatland conditions marks a crucial step towards ensuring data-driven, effective management.



A vibrant collage showcases the diverse activities of the Peat-IMPACTS Indonesia program, reflecting its multi-faceted approach to sustainable peatland management. From capacity-building workshops for local stakeholders to hands-on community engagements, those images also highlight the program's focus on education, restoration, and innovation. (Infographics by: Riky Hilmansyah/ CIFOR-ICRAF Indonesia Program)

Key learnings from Peat-IMPACTS include: (1) Stakeholders collaborating across different levels play a vital role as agents of change for sustainable peatland management, (2) Appropriate tools are needed to support decision-making and negotiation processes, (3) It is essential to have the capacity to design and implement development strategies that are equitable for all stakeholder groups, (4) Active engagement in policy development, business models, and conservation-livelihood agreements is critical for peatland ecosystem support, (5) Expanding public investment in education is necessary to drive concrete action on climate change, (6) Knowledge-sharing platforms must be developed to accelerate the adoption and replication of best practices, (7) Strong partnerships and good governance are fundamental to successful peatland management.

SUPA/ASEAN REPEAT Concludes its Five Years of Promoting Sustainable Peatland Management in ASEAN

Sustainable Use of Peatlands and Haze Mitigation in ASEAN/ Strengthening Regional Experiences on Sustainable Peatland Management in ASEAN (SUPA/ASEAN REPEAT) organised its closing meeting on 6-7 November 2024 in Bangkok, Thailand. The meeting showcased the achievements and success that the project has done in the span of five years of implementation in the region.

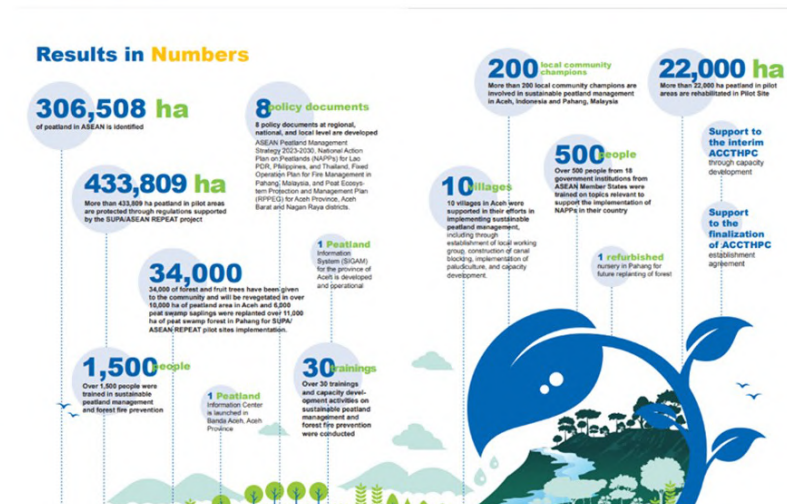


© GIZ SUPA/Salil

The SUPA/ASEAN REPEAT project is designed to achieve several key outcomes that promote sustainable peatland management across ASEAN. These include the gradual implementation of the ASEAN Programme on Sustainable Management of Peatland Ecosystems (APSMPE), the ASEAN Peatland Management Strategy (APMS), and National Action Plans on Peatlands (NAPPs) at local, national, and regional levels, supported by enhanced capacities and a focus on peatland areas identified by their degradation rate and potential for rehabilitation. The project also supports the

ASEAN Agreement on Transboundary Haze Pollution (ATHP) and the Haze-Free Roadmap, aiming to significantly reduce peatland fires and the associated haze through effective fire prevention and rehabilitation measures. Additionally, SUPA/ASEAN REPEAT promoted integrated management of targeted peatlands to preserve ecological functions, protect biodiversity, and reduce greenhouse gas emissions. Ultimately, the project strives to ensure that peatlands are sustainably managed, enhancing livelihoods and maintaining their economic value for local communities, while contributing to regional efforts for environmental protection and climate mitigation.

SUPA/ASEAN REPEAT, implemented by GIZ, was designed with a multi-level, multi-stakeholder approach to support the sustainable management of peatland ecosystems across the ASEAN region. The project focused on three key work areas aimed at strengthening regional cooperation and capacity building for effective peatland conservation.



SUPA/Result in Numbers

A Legacy of Collaboration and Achievements

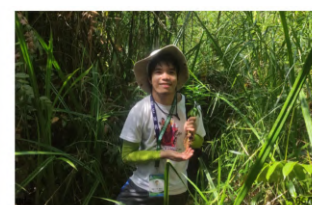
As the curtain fell on the SUPA/ASEAN REPEAT project, it became clear that the initiative had made lasting strides in addressing one of the region's most pressing environmental challenges—peatland degradation. Over the past five years, the project has not only contributed to the implementation of the ASEAN Peatland Management Strategy (APMS) but also laid the groundwork for more resilient and sustainable livelihoods across ASEAN Member States (AMS).



© GIZ, SUPA

Dr. Vong Sok, Head of the Environment Division at the ASEAN Secretariat, shared a heartfelt message underscoring the ongoing commitment of ASEAN and its member states to sustainable peatland management. *“On behalf of ASEAN Secretariat and ASEAN Member States, we would like to reiterate our commitment to make the use of our peatlands sustainable, engage with the community, for resilient and sustainable livelihoods.”*

“Through the SUPA Programme, the Ensuring Sustainable Benefits from Peatland through Protection and Wise Use (ESBenePeat) Project was implemented in Leyte Sab-a Basin Peatland, one of the two pilot sites in the Philippines. Although the project ran for less than a year, it enriched my passion for environmental advocacy, facilitated connections between myself and stakeholders with other climate



© GIZ, SUPA

advocates in the region, and ignited opportunities to address climate change by investing in our valuable peatland area, which had previously been overlooked,” said **Kevin Ray Memoracion**, who used to work for ESBenePeat project in Leyte Sab-a Basin Peatland.

A Farewell, But Not Goodbye

As the event came to a close, it was clear that while the project's formal activities had concluded, its impact will continue to resonate across the ASEAN region. The contributions of the donors, partners, and stakeholders were acknowledged, with a shared sense of gratitude for the collective efforts that had made SUPA/ASEAN REPEAT a success.

- Watch the achievement video [here](#).
- Read the achievements of SUPA/ASEAN REPEAT [here](#).
- See SUPA/ASEAN REPEAT Knowledge Products Map [here](#).



© Perkumpulan Desa Lestari/LUMeR

Receiving a Positive Response, the Implementation of Sustainable Agroforestry Needs to Be Expanded *Written by Aqmarina Laili Asyrafi – Perkumpulan Desa Lestari*

Starting from the end of 2022, three villages in Kerinci Regency—Pungut Hilir Village, Tamiai Village, and Pematang Lingkung Village—became model villages for the

Strengthening Capacity and Village Land Management program in Implementing Sustainable Agroforestry initiated by the Perkumpulan Desa Lestari. The capacity strengthening carried out covers three aspects: the environment, village governance, and the economy.

The three assisted villages have the potential for coffee and cinnamon to be planted in production forests as superior commodities. 72 farmers were involved in the program developed 79-hectare demonstration plot areas to separate horticultural crops from coffee and cinnamon plants, where the demonstration plots were intervened with organic farming and gardening methods. Coffee and cinnamon plantations are rejuvenated by implementing Sustainable Agroforestry Practices (SAP). The other results are 3 coffee drying houses in Pungut Hilir and Pematang Lingkung Villages, as well as 1 drying house in Tamiai Village which came from Village-Owned Enterprises (BUMDes) capital in 2021

“Previously, we farmers never knew and experienced good land management. After receiving assistance, we felt the impact - especially on agricultural land management,” said **Khairul Hadi**, a coffee and cinnamon farmer from Pematang Lingkung Village at the Workshop on Dissemination of Achievements of the Capacity Strengthening Program and Village Land Management in Implementing Sustainable Agroforestry on Thursday (22/08) at the Kerinci Regency Regional Secretariat Building.

Efforts to implement sustainable agroforestry need to be supported by development plans through the role of the Village Government. The Village Head and the Village Government Apparatus, BPD, and Traditional Leaders must be able to think and act critically and strategically so that the Village truly becomes a buffer, both a buffer for forestry areas (National Parks) and a buffer for urban areas through the preparation of development plans.

“There should be some kind of mutually agreed reference to help prepare the Village Medium Term Development Plan,” said Pungut Hilir Village Secretary, **Aswardi**.

The reactivation of Village-Owned Enterprises (BUMDes) also plays an economic role in trying to support the implementation of sustainable agroforestry. BUMDes functions as a service provider for community needs and a marketer of processed products produced by the community. The existence

of BUMDes can move the wheels of the village community's economy, indirectly maintaining sustainable agroforestry practices in Kerinci Regency.

"BUMDes in our village was not running. Since the last two weeks, BUMDes Batuah has been active again and has received quite a satisfactory turnover. "We still really hope that there will be guidance so that it can be better in the future," said the Director of BUMDes Batuah, Hilir Village Village, **Kasnita**.

A positive response from beneficiaries can ignite new enthusiasm, both for the beneficiary village communities to continue good practices after the program and for other village communities who want to adopt the good practices that have been carried out.

"This activity has an extraordinary positive effect on society. We hope that other villages can adopt this practice. We will use these three villages as pilot villages for comparative studies. We are very grateful to the Perkumpulan Desa Lestari because we have been helped with many of our tasks," said Head of the Kerinci Regency Village Community Empowerment Service, **Syahril Hayadi**.



© Perkumpulan Desa Lestari

Workshop participants are committed to continuing good practices and maximizing their functions as State Civil Apparatus, village officials, farmers, and representatives of other community groups to maintain and increase efforts to implement sustainable agroforestry from the site to the district level.

Collaborative Actions Toward 100% Renewable Energy in West Nusa Tenggara

In an ambitious move toward a sustainable future, the West Nusa Tenggara (WNT) Provincial Government has committed to achieving Net Zero Emissions (NZE) by 2050, a vision first announced at COP26. Supporting this goal, ICLEI - Local Governments for Sustainability Indonesia has partnered with WNT on the [100% Renewables Cities and Regions Roadmap \(100% RE\)](#) project. Funded by the German Federal Ministry for Economic Affairs and Climate Action (BMWK) through the International Climate Initiative (IKI), this groundbreaking initiative has facilitated extensive collaborative efforts to shape WNT's renewable energy future since 2019.



© ICLEI Indonesia

Notably, the [launch](#) of the [WNT 100% RE Roadmap](#) on 19 September 2024 in Mataram City, marked a transformative milestone for the region, leading to the official issuance of the Roadmap to Net Zero

This landmark regulation incorporates key elements from the 100% RE roadmap developed by ICLEI, with a focus on strategic actions and financial solutions for achieving a sustainable energy future. Tailored to WNT's unique context, the roadmap is informed by [energy modeling report](#) conducted by the Fraunhofer Institute for Solar Energy Systems, in collaboration with local universities, which assessed the feasibility of renewable energy deployment based on factors such as energy demand, island connectivity, and fuel price projections. The roadmap underscores the active engagement of all stakeholders in its development, one of which is through the “[Sustainable Energy Transition Strategy](#)” or serious games workshop. This workshop brought together representatives from diverse stakeholder groups in an interactive role-play-driven discussion to address the challenges in the energy transition and 100% RE target. The project has eminently facilitated the establishment of a Project Implementation Team (PIT), which brought together stakeholders from various government agencies, NGOs, and the private sector to co-create solutions and ensure broad local involvement in planning and execution.



© ICLEI Indonesia - 100% Renewables Cities and Regions Roadmap(100% RE)

M. Sahdan, head of WNT's Energy Agency, said, “*The roadmap for WNT's transition to renewable energy is crucial for enhancing resilience and seizing new opportunities. By reducing reliance on imported fossil fuels, it stimulates local industry, creates jobs, and improves living standards, guiding us toward a sustainable future.*”

Reflecting on this truly collaborative approach, the project has supported cities and regions including WNT to define an overarching vision for their 100% renewable energy future to provide sustainable energy and enhance the province's energy security. Key activities included expanding local capacities in energy and access to finance, developing [national](#) and [local policy recommendations](#) to enable the roadmap's implementation, and facilitating multilevel governance and policy dialogues through a series of workshops and national advisory group (NAG) meetings held between 2019 and 2024. Additionally, the project has identified and developed a pilot bankable project through the installation of rooftop solar PV at the Karang Taliwang Public Health Center in Mataram City and organized [business matchmaking events](#) to support further implementation.

In addition to the roadmaps, the project has produced key resources and [knowledge products](#) to support cities and regions in their renewable energy (RE) transition. These include the 100% Renewables Solutions Package, offering guidance on technologies, financing, and policies, and the 100% Renewables Factsheets, which provide technical information on renewable energy sources. The lessons learned from the project were distilled into [case studies](#) on WNT's journey toward 100%

renewable energy, providing valuable insights for local implementation of renewable energy solutions.

The region faces several challenges in transitioning to renewable energy, including limited local government capacities, a centralized energy sector, and fiscal constraints that hinder access to financial resources. To overcome these barriers, enhancing multi-level governance and promoting multi-sectoral engagement is essential. This approach would ensure clearer and more consistent policies while empowering local governments with greater authority in energy planning and management. Additionally, improving access to alternative funding and financing options will be critical to support local investments in renewable energy projects. Strengthening fiscal policies, financial mechanisms, and local capacities will be key to driving a successful and inclusive energy transition at the sub-national levels.



© BESTARI Project

A Blueprint for Change: Reviving Forests and Uplifting Communities in Bukit Barisan Selatan

Nestling within the lush rainforests of Sumatra, Indonesia, the Bukit Barisan Selatan National Park (BBSNP) stands as a UNESCO World Heritage site, home to some of the world's most endangered and elusive species, including the Sumatran tiger and elephant. However, these natural

treasures face grave threats from deforestation, habitat loss, and human-wildlife conflict—issues that have global consequences. **The BESTARI Project was initiated 7 years ago** to systematically respond to those threats. Supported by KfW, this groundbreaking partnership among BBSNP Authority, WCS Indonesia, and YABI, aimed to protect both the forest, wildlife, and the people who depend on the integrity of this ecosystem. This project is a great example of how conservation and community development can go hand in hand—and how the solutions crafted in one corner of the world might inspire changes on a global scale.

Over the past seven years, the BESTARI Project has shown that protecting nature is not just an environmental issue—it's about people too. **With over 5,000 people from 43 villages** benefiting from the program, BESTARI has supported local communities to set up self-reliant human-wildlife mitigation practices in 12 villages, while 9 other villages have issued environmental regulations, or *Perdes*, that safeguard the forest while fostering sustainable practices. These regulations have led to cleaner rivers, reduced hunting, and more responsible resource use, ultimately benefiting both wildlife and local livelihoods. **Lukman**, a village leader from Paku Negara, put it simply: *“Before, we only made regulations for development plans. Now, we have regulations that protect the environment. It's our legacy”*



© BESTARI Project

Even more heartening, the women of those villages have been at the forefront since the beginning of the Bestari Project. Over 800 women have started their own businesses under the Project's microfinance services and training programs to increase their family income, while also contributing to the protection of forest and wildlife. An inspiring example came from **Ro'aidah**, a member of the Maju Lestari Bersemi cooperative in Teba Liyokh village, whose financial situation has been completely transformed. *"Before, saving was only something I did if there was money left over after expenses. Now, saving is part of my routine,"* she says. *"I can plan for my kids' education and even buy fertilizers for my coffee farm."* This shift from financial insecurity to empowerment has rippled through families, communities, and entire regions, creating a legacy of sustainable development and economic independence.

In addition to empowering communities, the program has delivered remarkable environmental results. Through its efforts, **over 100,000 hectares of vital rainforest have been conserved, and 272,000 trees have been planted, leading to a leading to a 63% reduction in the annual deforestation rate**. This is not just a win for Indonesia—it's a win for the global climate, as these forests play a critical role in carbon storage and climate regulation. A significant milestone was inspiring **521 forest encroachers** to voluntarily leave the national park. This transformation was driven by the project's outreach initiatives that emphasized park regulations, raised awareness about human-wildlife conflicts, and demonstrated the benefits of sustainable practices. By collaborating with BBSNP authorities and engaging communities directly, the project inspired a shift in perspectives, encouraging encroachers to embrace change.

The program also secured stronger support from village and regional governments, assisting these individuals in transitioning to sustainable livelihoods outside the park. By reducing pressure on critical natural resources, these efforts have laid the foundation for the long-term protection of endangered species and the preservation of one of Indonesia's most precious ecosystems.

The success of the BESTARI Program is a testament to the power of community-driven solutions in tackling some of the world's most pressing environmental challenges. It shows that conservation efforts can go beyond simply protecting land—they can create opportunities for people to thrive. Yet, this success doesn't mean the work is over. The next step is to build on this momentum by scaling up successful initiatives and deepening collaborations with local governments and the private sector. Global efforts to combat climate change and biodiversity loss will only succeed if communities are given the tools and resources to drive change from within.



© BESTARI Project

Looking ahead, the BESTARI Program offers a powerful model for other regions facing similar challenges. It demonstrates that sustainable development and conservation are not just possible—they are essential for the future of both people and planet. By continuing to invest in these integrated, community-centered approaches, we can ensure that future generations inherit a world where nature and people flourish together. In a time when climate change and biodiversity loss are among the most urgent global issues, the lessons learned in Bukit Barisan Selatan serve as a hopeful reminder of what's possible when we work together for the planet.



Project News - MITIGATION

Mitigating greenhouse gas emissions: Setting the course for global climate neutrality by 2050



© GGGI Indonesia - Group photo of participants at the Kick-Off event and the first PSC Meeting of the ALCBT project

Low Carbon Buildings to Achieve Indonesia's Climate Ambitions

Written by Ambolas Manuel Junio Manalu, Senior Associate Energy Efficiency, IKI Asia Low-Carbon Building Transition (ALCBT), ambolas.manalu@gggi.org

Jakarta, Indonesia, September 23, 2024 – The Ministry of Public Works and Housing (MoPWH) is committed to reducing GHG emissions from the building sector through green building initiatives. In accordance with Indonesia's Nationally Determined Contribution (NDC) Mitigation Implementation Roadmap, and as part of the GHG emission reduction commitment from the energy sector, the ministry aims to reduce emissions by 1.91 million tons of CO₂e in commercial buildings sub-sector and 25.87 million tons of CO₂e in residential buildings sub-sector through energy efficiency efforts by 2030.

The Asia Low-Carbon Buildings Transition (ALCBT) project, a collaboration between GGGI, ACE, HEAT International, EESL, and the Indonesian government, will support this goal. The project is implemented through a grant from the International Climate Initiative (IKI), an agency under the German Federal Ministry for Economic Affairs and Climate Action (BMWK). The project will focus on embodied carbon reduction, energy efficiency, and policy implementation in Indonesia, India, Cambodia, Thailand, and Vietnam.

The ALCBT project aims to address the significant contribution of the building sector energy use to Indonesia's GHG emissions, which accounted for 33% of total emissions from 2011 to 2021 (MoPWH's Green Building Implementation and Development Roadmap, 2024). The ALCBT project will apply a comprehensive approach, using technical planning and institutional tools that have proven effective in other contexts. The involvement of stakeholders from the public and private sectors will be key in the implementation process, ensuring broad participation and ownership of the initiative. By promoting low-carbon building practices and implementing energy management measures, the project seeks to reduce emissions and contribute to Indonesia's climate goals.

A Catalyst for Indonesia's Green Energy Future

David Liberty Sitinjak, Communication & Project Management, CASE for Southeast Asia, Energy Programme, GIZ Indonesia/ASEAN, david.sitinjak@giz.de

The Ancillary Services Workshop, a dynamic gathering held at the Doubletree Hotel in Jakarta on October 2–3, 2024, ignited momentum for Indonesia's renewable energy revolution. Bringing together key stakeholders from Bappenas, MEMR, and GIZ, the event spotlighted a critical piece of the puzzle: ancillary services.



© GIZ/CASE - The Process of Knowledge-Sharing during Ancillary Service Training for Regulators

The workshop explored the intricacies of frequency regulation and voltage control, emphasizing their role in harmonizing renewable energy integration. Through insightful discussions and knowledge sharing, participants identified regulatory challenges and collaboratively envisioned a future where a robust and sustainable power system drives Indonesia's growth.

The insights gained from this workshop will play a pivotal role in shaping innovative policies to propel Indonesia toward a greener and more resilient energy landscape.



© GIZ/CASE - Group Photo Session (Last Day of the 3rd CEFI Training)

Empowering Indonesia's Clean Energy Future: The 3rd Clean Energy Finance and Investment (CEFI) Training

Written by David Liberty Sitinjak, Communication & Project Management, CASE for Southeast Asia, Energy Programme, GIZ Indonesia/ASEAN, david.sitinjak@giz.de

From October 8–11, 2024, the third annual Clean Energy Finance and Investment (CEFI) Training in Manado, North Sulawesi, brought together over 80 participants to advance Indonesia's clean energy future. This event was a collaboration between the OECD's Clean Energy Finance and Investment Mobilisation (CEFIM), the Ministry of Energy and Mineral Resources (MEMR), and the OJK Institute, in partnership with CASE and SETI.

By fostering partnerships and developing innovative financial mechanisms, CASE and SETI spearheaded the RE course, while the MEMR provided expert guidance on EE strategies. This dynamic collaboration empowered participants to unlock the potential of clean energy, driving Indonesia towards a sustainable and prosperous future.

The Integration of Vulnerability and Climate Change Risk in the Coastal Sector and Spatial Planning in Indonesia

Written by Hasna Khadijah, Climate Research Assistant WRI

WRI Indonesia recognises the importance of data analysis related to vulnerability and climate change risk assessment for integrated adaptation and resilience strategies in coastal planning. Following the first discussion in August 2024, the second expert consultation was held to gain insights from WRI's preliminary results of spatial modelling using the Coastal Vulnerability Index and socio-economic vulnerability score for coastal regions in Bali and East Kalimantan. This FGD was held in Bandung on 23 October 2024, with experts from the Climate Change Centre and the Faculty of Earth Sciences and Technology at the Institut Teknologi Bandung, and the National Research and Innovation Agency as panellists.



© WRI Indonesia/2050 is now Second Expert Consultation for Climate Change Risk in the Coastal Sector and Spatial Planning, held in Bandung, 23rd October 2024



© OECD/SIPA - 64 participants learned about renewable energy and energy efficiency financing at the Clean Energy Finance and Investment Training Week (8-11 October 2024, Manado)

Clean Energy Finance Training: OECD, MEMR, and OJK Empower Indonesia's Energy Transition

Written by Douglas Herrick, Policy Analyst, Sustainable Infrastructure Programme in Asia (SIPA), douglas.herrick@oecd.org

For the 3rd year in a row, the Sustainable Infrastructure Programme in Asia (SIPA), through the Clean Energy Finance and Investment Mobilisation (CEFIM) team, delivered a Clean Energy Finance and Investment Training Week. The OECD joined forces with the Ministry of Energy and Mineral Resources, the Financial Services Authority, the GIZ CASE and GIZ SETI project to deliver a multi-day training programme on energy efficiency and renewable energy finance in Manado, on 8-11 October 2024. The training benefited 64 participants representing different communities: policy makers, project developers, financial institutions, private firms and non-governmental organisations. Through the training, key barriers to renewable energy and energy efficiency financing were identified, including lack of accessible information, high perceived risk levels and a lack of financial incentives.

Powering Indonesia's Energy Future: The LEAP Training Course

Written by David Liberty Sitinjak, Communication & Project Management, CASE for Southeast Asia, Energy Programme, GIZ Indonesia/ASEAN, david.sitinjak@giz.de

From October 28th to 31st, 2024, the LEAP (Low Emission Analysis Platform) Training Course - Phase 2 ignited a spark of innovation at Hotel Santika Premiere ICE BSD, Tangerang. This intensive training program, designed to bolster Indonesia's energy planning prowess, equipped participants with the skills to harness the power of LEAP, a cutting-edge energy modeling tool.

By deepening their understanding of LEAP, participants gained the tools necessary to contribute to critical national energy initiatives like the National Energy General Plan (RUEN). The hybrid format, combining in-person sessions for national participants with remote expert guidance from the Stockholm Environment Institute (SEI), ensured a comprehensive and collaborative learning experience



© GIZ/CASE - Group Photo Session of the 2nd Phase of LEAP Training



© ICLEI Indonesia - Day 1 in-person attendees include key stakeholders from Yogyakarta government agencies such as the Environment Agency (Dinas Lingkungan Hidup), Trade Agency (Dinas Perdagangan), the Indonesian Young Entrepreneurs Association (HIPMI), as well as consultants and NGOs.

Agreement Article 6 and Carbon Markets

Written by Juniarti Elisabeth, juniarti.elisabeth@iclei.org with PIC of project Femme Sihite, Project Officer, femme.sihite@iclei.org

Yogyakarta City is grappling with a growing waste crisis, generating 140 tons of daily unmanaged waste following the closure of the Piyungan landfill, the largest in the province. In response, ICLEI Indonesia, in partnership with Perspectives Climate Research, hosted a two-day workshop on November 5 - 6, 2024, as part of the Urban Climate Action Pilot Project under Article 6 of the Paris Agreement.

The workshop aimed to strengthen stakeholders' understanding of carbon trading mechanisms under Article 6 of the Paris Agreement and their potential to address waste management issues through climate financing.

Putut Purwandono, Acting Head of the Economics and Cooperation Division of Yogyakarta City Secretariat, emphasized the importance of exploring sustainable solutions for waste management. Erin Danford, Consultant at Perspectives Climate Group, highlighted the project's transformational potential, noting its scalability across Yogyakarta and other Indonesian cities.

The proposed mitigation project involves biodigester technology to process organic waste from traditional markets in Yogyakarta, Sleman, and Bantul (Kartamantul areas) into biogas, aiming to reduce landfill overcapacity and prevent 82,700 tons of CO₂e emissions annually which is potential for the carbon crediting under Article 6 of the Paris Agreement. During QnA session, Joko Prihatno, Policy Analyst at KLH, emphasized the need for capacity-building and the importance of local governments taking advantage of training programs to navigate the implementation of Article 6 and preparing Project Design Documents (PDDs) aligned with UNFCCC methodologies.

Read more [here](#)

Key Insights from COP29 Just Transition Pavilion: Strengthening Local Dialogue and Empowering Youth for a Sustainable Coal Transition

Written by Rahma, Communication Specialist, IKI-JET, rahma.rahma@giz.de

At COP29 in Baku, the Just Transition Pavilion, hosted by the IKI JET Consortium (which includes GIZ GmbH, IISD, ILO, Wuppertal Institute, Solidarity Center, and Climate Action Network), addressed critical challenges and strategies for transitioning coal-dependent regions. This year's discussions brought together experts from South Africa, Indonesia, and Colombia, focusing on social dialogue, worker inclusion, and youth engagement in the just transition process. The session was moderated by Philip Gass of the International Institute for Sustainable Development (IISD), who set the stage for a lively and insightful conversation.

Bapak Nizhar Marizi from the Ministry of National Development Planning (BAPPENAS), Indonesia, emphasized the importance of institutionalizing dialogue at the local government level to ensure the long-term success of the initiatives started by IKI JET. He stressed that continued support from the central government is crucial to sustain the momentum, particularly in Sumatera Selatan and Kalimantan Timur, regions already undergoing transition efforts through IKI JET.

Sonia Mistry, Director of Climate and Labor Justice at the Solidarity Center, highlighted the need for platforms at the sub-provincial level to address local concerns. These platforms would ensure that the challenges faced by coal-affected communities are raised to higher levels of government and the



© GIZ/IKI JET - Discussions at the Just Transition Pavilion during COP29 in Baku, Azerbaijan.

international stage. She also underscored the importance of directly engaging with workers and listening to their lived experiences to truly understand the impacts of climate change on their lives and livelihoods.

Timon Wehnert from the Wuppertal Institute raised concerns about the economic future of coal regions, stressing that decisions made today will have long-lasting impacts on these regions. He called for social simulations and more culturally sensitive, context-specific approaches to better understand how various communities, with different backgrounds, will be affected by transition policies. This approach, according to Wehnert, is crucial for minimizing negative economic outcomes.

Nithi Nesadurai from Climate Action Network emphasized the success of IKI JET's multi-actor engagement model. She praised the project's ability to bring together a wide range of stakeholders, from government to civil society, to ensure that just transitions are inclusive and comprehensive. She believes that this multi-actor approach could serve as a global model for coal-dependent regions seeking to transition towards a more sustainable future.

Lastly, the discussions touched on the vital role of youth involvement. All panelists agreed on the importance of educational reforms and skills development to prepare future generations for the challenges of transitioning coal regions. As the world adapts to new policies and technologies, it is essential that youth are equipped with the knowledge and skills to thrive in an evolving job market.

The session at the Just Transition Pavilion concluded with a collective call for a holistic, inclusive approach to energy transitions, one that integrates the voices of the most affected communities, particularly workers and youth. The conversations at COP29 serve as a reminder of the importance of collaborative efforts, not just at the national level but also within local communities, to ensure that no one is left behind in the transition to a greener, more sustainable future.

For further insights, watch the session [here](#).



© WRI Indonesia / 2050 is Now - Talkshow "Strengthening Long-Term Strategies: More Robust Climate Commitments Aligned with Development Goals" in NDC Partnership Pavilion, Baku, on November 15th 2024[1]

COP29: Strengthening Long-Term Strategies: More Robust Climate Commitments Aligned with Development Goals

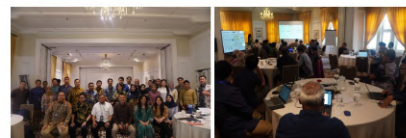
Written by Hasna Khadijah, Climate Research Assistant, 2050 is Now, hasna.lahino@wri.org

WRI and the Government of Indonesia hosted a side event at COP29 in Baku, Azerbaijan on 15 November at the NDC Partnership Pavilion. Director of Environmental Affairs, Bappenas delivered the keynote speech. This was followed by a panel discussion with representatives from the Ministry of Environment and Forestry and the Ministry of Marine and Fisheries, GoI, and NDC Partnership as panelists - aiming to share how to improve long-term strategies in Indonesia with stronger climate commitments aligned with development goals, especially on greening Indonesia's economic growth target of 8% in 2029. Representatives from the NDC Partnership also shared how to address challenges and opportunities in strengthening NDCs and LTS, such as knowledge sharing and convening.

Focus Group Discussion on Academic Draft of Indonesia's Hydrogen Regulation

Written by Nayla Karima, Trainee, Strategic Exploration of Economic Mitigation Potentials through Renewables (ExploRE), nayla.karima@giz.de

GIZ ExploRE is supporting the Indonesian Ministry of Energy and Mineral Resources in developing academic draft which will serve as a fundamental basis for the formulation of the first hydrogen regulation in Indonesia. In this regard, a focus group discussion was held in Jakarta, 19 November 2024.



© GIZ/ExploRE

Inviting key hydrogen business stakeholders, the meeting resulted in important key takeaways involving understanding the perspectives from related industries/businesses on their roles on the hydrogen value chain—production, distribution, storage, and end-user, also gathered aspirations following current conditions and challenges which should be considered in the upcoming hydrogen regulation.



© GIZ/ExploRE

Capacity Development on Assessing Financial Modeling for Renewable Energy Projects

Written by Nayla Karima, Trainee, Strategic Exploration of Economic Mitigation Potentials through Renewables (ExploRE), nayla.karima@giz.de

To accelerate renewable energy development in Indonesia, identifying key economic aspect in assessing the feasibility of renewable energy projects to determine policies and formulate supportive regulatory frameworks are crucial.

A series of a three-day capacity development regarding financial modeling for renewable energy project was held to support the capability of policymakers and relevant stakeholders to be able to effectively assess the bankability of renewable energy projects.

The first of the series was held on 13-15 November 2024 in which the agenda had engaged participants from the ministries, followed by the second training with the Indonesia's state electricity company, PT PLN. The sessions enable participants to deepen their comprehension of economic facets and financial models related to RE projects.

Just Coal Transition Platform (JCTP) Annual Forum 2024: Strengthening Regional Collaboration for a Just Energy Transition

Written by Rahma, Communication Specialist, IKI-JET, rahma.rahma@giz.de

The Just Coal Transition Platform (JCTP) Annual Forum 2024, held on 5–6 December, successfully brought together experts, policymakers, and stakeholders from across

Southeast Asia to discuss the just energy transition (JET) and the ongoing shift away from coal. The forum was hosted by The World Bank and Energy Transition Partnership (ETP). Representing GIZ Indonesia, Bapak Ade Cahyat, a Project Manager from the IKI JET Consortium, participated as one of the speakers in Plenary 1: Taking Stock of Just Coal Transition Activities in Southeast Asia. This session, moderated by Marta Kulesza of Ecorys, also featured distinguished speakers from ETP, World Bank, ADB, Oxfam, and UNDP.



© GIZ/IKI JET - Speakers at the JCTP Annual Forum 2024, discussing the future of coal transitions in Southeast Asia.

The plenary emphasized the importance of regional collaboration to support economic diversification in coal-dependent areas, such as East Kalimantan and South Sumatra, and to build inclusive consultation forums. Ade Cahyat also highlighted the need for capacity building and engagement with vulnerable groups and private sector actors to ensure their active participation in shaping regional transformation plans.

The forum also showcased notable achievements, including the formal establishment of a regional consultation forum by the East Kalimantan Provincial Government, while addressing ongoing challenges, such as the need for more efficient engagement with key stakeholders.

As the energy transition gathers momentum, the JCTP Annual Forum 2024 reflects the region's commitment to fostering collaboration, equity, and sustainability on the path toward a green economy.



© WRI Indonesia / 2050 is Now - Left to Right: Initial meeting with East Kalimantan Development Planning Agency and East Kalimantan Regional Council on Climate Change in East Kalimantan, 9th December 2024 and Methodology and Baseline of Emission Reduction Discussion with Bali Development Planning Agency in Bali, 15th October 2024

Engaging Subnational to Develop Long-Term Climate Mitigation Roadmap

Written by Hasna Khadijah, Climate Research Assistant, 2050 is Now, hasna.lahino@wri.org

WRI Indonesia recognises the importance of supporting subnational governments in achieving climate and development goals. Through the 2050 is Now project, we aim to support subnational governments in developing long-term low-carbon development roadmaps at the provincial level. In October and December 2024, WRI held the first meetings in Bali and East Kalimantan to discuss potential assistance and support needed for this collaboration. The

collaboration in Bali aims to support Bappeda and local government agencies to achieve NZE by 2045, in partnership with WRI Indonesia and the Bali Coalition for NZE. In East Kalimantan, the roadmap mainly involves Bappeda and the province's Regional Climate Change Council, an institution of experts focused on climate issues.

Advancing on the NUCA Programme with PT. SMI through a Country Mission

Written by Charlotte JURUS, Project Officer, NUCA, jurusc.ext@afd.fr

The NDBs Urban Climate Action Programme (NUCA Programme) helps to enhance the role of National Development Banks (NDBs) as drivers of low-carbon climate-resilient urban infrastructure investments in five countries, including in Indonesia. The NUCA Programme is currently finalizing its Inception phase and to do so, a mission has been organized by PT. SMI & the NUCA team to meet with key stakeholders, including the municipalities the Programme will engage with. The highlights of the municipality engagement have been the Municipality Workshop & the visits to Bogor, Bandung City & West Java Province. All stakeholders are ready for the next steps!



© AFD/NUCA



Project News - ADAPTATION

Adaptation to the impacts of climate change: Strengthening resilience, making use of interconnections with mitigation and biodiversity approaches

Advancing Sustainability: Regional Workshop on Harmonizing Green Economy for Regional Development



© GIZ/Climate and Biodiversity Hub Indonesia - From Left to Right: Priyanto Rohmattullah, Director of Environment of the Ministry of National Development Planning/Bappenas, Karin Allgoewer, Commission Manager of Climate and Biodiversity Hub Indonesia, Regional Workshop on Harmonizing Green Economy for Regional Development and Socialization of Indonesian Biodiversity Strategy and Action Plan (IBSAP) in West Region, and Regional Workshop on Harmonizing Green Economy for Regional Development and Socialization of Indonesian Biodiversity Strategy and Action Plan (IBSAP) in East Region

and Socialization of Indonesian Biodiversity Strategy and Action Plan (IBSAP)

Written by Eka Gona Putri, Communication Advisor, Climate and Biodiversity Hub Indonesia, eka.puti@giz.de

GIZ Climate and Biodiversity Hub Indonesia project, has collaborated with the Bappenas and LCDI in the Regional Workshop on Harmonizing Green Economy and Socialization of Indonesian Biodiversity Strategy and Action Plan held in Makassar (Nov 20-22, 2024) and Bandung (Dec 4-6, 2024).

The event encouraged key stakeholders to integrate low-carbon and climate resilience, circular economy, and biodiversity management into regional development plans. This also enhanced Provincial governments in monitoring, evaluation, and reporting environmental indicators in RPJPN 2025-2045 by utilizing the AKSARA platform.

Germany's remains committed to strengthening Indonesia's policies framework for climate resilient and biodiversity conservation through collaboration and capacity-building.

Read more about the event [here](#).



Project News - NATURAL CARBON SINKS

Preserving and restoring carbon sinks: Combating the causes of global warming and the destruction of natural ecosystems

Tardin: A Farmer's Transformation into a Forest Guardian

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

Tardin, a farmer from Baru Village, South Sumatra, once relied on harvesting gelam wood from the Padang Sugihan Wildlife Reserve for his family's livelihood. However, after participating in training and learning activities through the Peat-IMPACTS Program, he transformed his approach to land use and sustainability. Today, Tardin successfully produces high-quality honey while actively contributing to environmental conservation. His journey showcases how knowledge and sustainable practices can empower farmers to improve their livelihoods without compromising the health of critical ecosystems. Tardin's story is a testament to the transformative impact of capacity-building initiatives on communities and their surrounding environment. Read more [here](#).



From Left to Right: Bunga Desa Honey: A Premium Stingless Bee Honey produced by the Bunga Desa Farmers Group, where women farmers play a crucial role in the production process. (Photo by: Muhammad Azizy/CIFOR-ICRAF Indonesia Program), Stup: a stingless beehive designed to simplify honey harvesting, developed by the Bunga Desa Farmers Group in Baru Village of South Sumatra Province. (Photo by: Mushaful Iman/CIFOR-ICRAF Indonesia Program, and Tardin, the Farmer Champion, successfully cultivating stingless bee honey. (Photo by: Mushaful Iman/CIFOR-ICRAF Indonesia Program)



From Left to Right: Administration and Financial Training for Women Farmers' Groups: empowering women farmers with training in managing finances and administrative tasks, to enhance the sustainability and contribute to the economic growth of their communities. (Photo by: Oktarinsyah Ade P/CIFOR-ICRAF Indonesia Program) and Entrepreneurship Training for BUMDesa and Other Business Groups, to empower local communities to boost their entrepreneurial capabilities, strengthen businesses, and foster sustainable development. (Photo by: Tikah Atikah/ CIFOR-ICRAF Indonesia Program)

Local Economy and Governance

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

As part of efforts to boost the local economy, the community of Baru Village of South Sumatera Province established BUMDesa Kali Padang Baru to manage village resources and promote residents' welfare. Unfortunately, the initiative halted due to weak institutional capacity.

To revitalize BUMDesa, Peat-IMPACTS provided capacity-building support, including business planning, leadership, and teamwork training. A new decree was issued to formalize its management, enabling the team to complete legal requirements and secure recognition from the Ministry of Law and Human Rights in 2023. Additionally, the BUMDesa obtained halal certification and participated in financial administration training conducted by the Ministry of

Finance and Sriwijaya University. Read more [here](#).

National Showcase Event: #PahlawanGambut by Peat-IMPACTS

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

The National Showcase #PahlawanGambut marks the culmination of the Peat-IMPACTS program, a collaborative initiative focused on sustainable peatland management in Indonesia. Held on November 12, 2024, the event highlights the achievements of multi-stakeholder partnerships in South Sumatra and West Kalimantan since 2020. It features

keynote speeches, talk shows, and exhibitions showcasing key outputs. A total of 711 farmers from 12 farmer groups participated in this program, 35% of whom were women, in capacity-building activities on sustainable peatland agriculture. Notably, 38 pioneering farmers emerged as role models and strategic drivers for community welfare and ecosystem sustainability. This event celebrates the collaborative efforts of communities, local governments, and organizations in protecting Indonesia's critical peatland ecosystems. Read more [here](#).



Snapshots from the National Showcase event of #PahlawanGambut – Paving the Way for a Sustainable Future (Photo by: Muhammad Azizy/ CIFOR-ICRAF Indonesia Program)



From left to Right: The mini exhibition held at #PahlawanGambut - Terus Jaga Gambut" event and The Talk Show held at Harris Hotel for the West Kalimantan provincial-level event. (Photo by: CIFOR-ICRAF Indonesia Program)

#PeatlandHeroes: Protecting Peatlands for the Future

Written by Dhian Rachmawati, Communication Officer, Peat-IMPACTS Indonesia, d.rachmawati@cifor-icraf.org

As the Peat-IMPACTS program concludes in December 2024, ICRAF hosted an event titled "#PahlawanGambut – Terus Jaga Gambut" in West Kalimantan. The event was attended by diverse stakeholders, including representatives from the provincial and local governments, village communities, farmer groups, academics, and partner organizations. A key highlight was the presentation of the

#PeatlandHeroes Awards to individuals who have made significant contributions to peatland conservation in their respective fields.

The West Kalimantan Provincial Government and Kubu Raya Regency expressed their appreciation for ICRAF's efforts in promoting sustainable peatland management. This program marks an



Project News - BIODIVERSITY

Conserving biological diversity: Implementing the Global Biodiversity Framework

Community-Based Strategies in Bukit Tigapuluh: Mitigating Human-Elephant Conflict

Written by Endah Sulistianti/Public Relation/Frankfurt Zoological Society-Bukit Tigapuluh Landscape
Indonesia/endah.wahyu@fzs.org

In response to the ongoing challenges of Human-Elephant Conflict (HEC) in the Bukit Tigapuluh Landscape, Jambi, the Frankfurt Zoological Society (FZS) has implemented a community-based conflict mitigation (CBCM) approach for years, by empowering communities forming 26 self-help groups across six villages, with 340 trained members utilizing scare guns, ship lamps, and fireworks to deter elephants safely. An early warning system involving 251 smallholder farmers sends real-time text alerts with elephant coordinates, enabling timely field protection. Regular monitoring, socialization efforts, and collaboration with local authorities ensure active mitigation, fostering coexistence in key villages along elephant habitat.



© FZS - From Left to Right: FZS's Wildlife Protection Unit, teaching local villagers how to use a carbide gun. When ignited by fire the gun produces a loud bang, keeping elephants from raiding crops in the Bukit Tiga Puluh Landscape, Sumatra, Indonesia and Maskun, the member of FZS Elephant Conservation and Mitigation Unit, herd the young elephant with the community in the effort of the HEC mitigation in Bukit Tigapuluh Landscape.



© GIZ/SOLUSI - From Left to Right: Participants visited Kembar Terpadu Beach to gain insights about sea turtle conservation efforts and Remarks delivered by the Deputy for Maritime Affairs and Natural Resources Bappenas

SOLUSI Supports Strengthening Geopark Management and Conservation at Rakornas KNGI 2024

Written by Dea Amelia, Communication, Solutions for Integrated Land-and Seascapes Management in Indonesia, deaamelia07@outlook.com

The Indonesian Ministry of National Development Planning and the Kebumen Geopark Management Body organized the National Coordination Meeting of the National Geopark Committee (Rakornas KNGI) on 4-7 December 2024 in Kebumen. Attended by approximately 300 participants from various Geopark Indonesia stakeholders and other relevant bodies, the event discussed geopark governance, management, and financing to support nature and culture conservation.

SOLUSI supports the sustainable management plan of Geopark Kebumen by applying an integrated land-and-seascape approach in five intervention villages. In line with this, on 7 December, participants visited Ayah Village and Kembar Terpadu Beach, two SOLUSI intervention areas within Geopark Kebumen. The visit highlighted biosites and coastal conservation, as well as community-based management efforts.

To learn more about SOLUSI program in Geopark Kebumen, read [here](#).



Knowledge Products

- [Video "Keeping Traditional Knowledge Alive for Future Generations"](#) produced by **CIFOR-ICRAF/Operationalising the landscape approach for biodiversity and benefits: Policy, practice and people (COLANDS project)**

Biodiversity is essential to human life, providing cultural, social, economic, and environmental benefits, including vital food and medicinal resources. As communities adapt to environmental changes, they develop local knowledge, traditional institutions, and belief systems to safeguard natural resources for future generations. However, there is increasing concern among elders and customary leaders about the fading of traditional knowledge, particularly among younger generations. This video highlights examples of traditional knowledge and the efforts to preserve it by integrating these values into school curricula and awareness programs.

- [Poster](#) of *SOLUSI Activity Areas in Geopark Kebumen* produced by **GIZ, SOLUSI** (Solutions for Integrated Land- and- Seascape Management in Indonesia)
- [Leaflet](#) of *Monitoring Changes in Farmer Behavior in Managing Sustainable Agriculture in Peat Areas: Lessons from South Sumatra and West Kalimantan* produced by **CIFOR-ICRAF, Peat-IMPACTS**
- [Booklet](#) of *"Empon-empon" as intercropping in agroforestry on peatlands. Cultivation and Marketing* produced by **CIFOR-ICRAF, Peat-IMPACTS**
- [Booklet](#) of *Agroforestry-based Oil Palm Cultivation on Peat Lands* produced by **CIFOR-ICRAF, Peat-IMPACTS**
- [Booklet](#) of *Rubber Agroforestry Cultivation on Peatland* produced by **CIFOR-ICRAF, Peat-IMPACTS**
- [Booklet](#) of *Coffee Harvesting and Post-Harvest Handling* produced by **CIFOR-ICRAF, Peat-IMPACTS**
- [Booklet](#) of *Coffee Roasting* produced by **CIFOR-ICRAF, Peat-IMPACTS**



Future Events

2025 GLF Landscape Leadership Camp in Asia

23-25 April 2025

Offline

Are you a young student, professional, expert or visionary from Asia interested in nurturing positive change in Asia's communities, landscapes and seascapes?

Look no further! For the first time, the GLF Landscape Leadership Camp is taking place in Asia.

[Apply now](#) for a spot at the 2025 GLF Landscape Leadership Camp and embark on a journey towards landscape leadership with other young visionaries from across Asia. Co-designed by the [Global Landscapes Forum](#) and the [Youth in Landscapes Initiative](#) (YIL), the camp will take place over three

days in Bogor, Indonesia in April 2025.

This immersive experience will bring together like-minded students, young professionals, experts and practitioners from across Asia, creating a vibrant, cross-cultural community dedicated to driving impactful and transformative change for people and landscapes.

Application deadline: 15 January 2025

For more information, please visit [here](#).

IKI Roundtable Session: *Navigating Climate Action Policies Amidst Institutional Changes Under the New Government Administration*

Tuesday, 14 January 2025

Jakarta Future City Hub, JB Tower (Offline)

More information: ikihubindonesia@giz.de

IKI Training on Project Impact Monitoring and Evaluation with Harapura Impact

February 2025 (date to follow)

Jakarta (Offline)

More information: ikihubindonesia@giz.de



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Cover image: © Unsplash/Moritz Lange to celebrate Energy Efficiency Day

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