

Supported by:



Federal Ministry
for Economic Affairs
and Climate Action

IKI
INTERNATIONAL
CLIMATE INITIATIVE



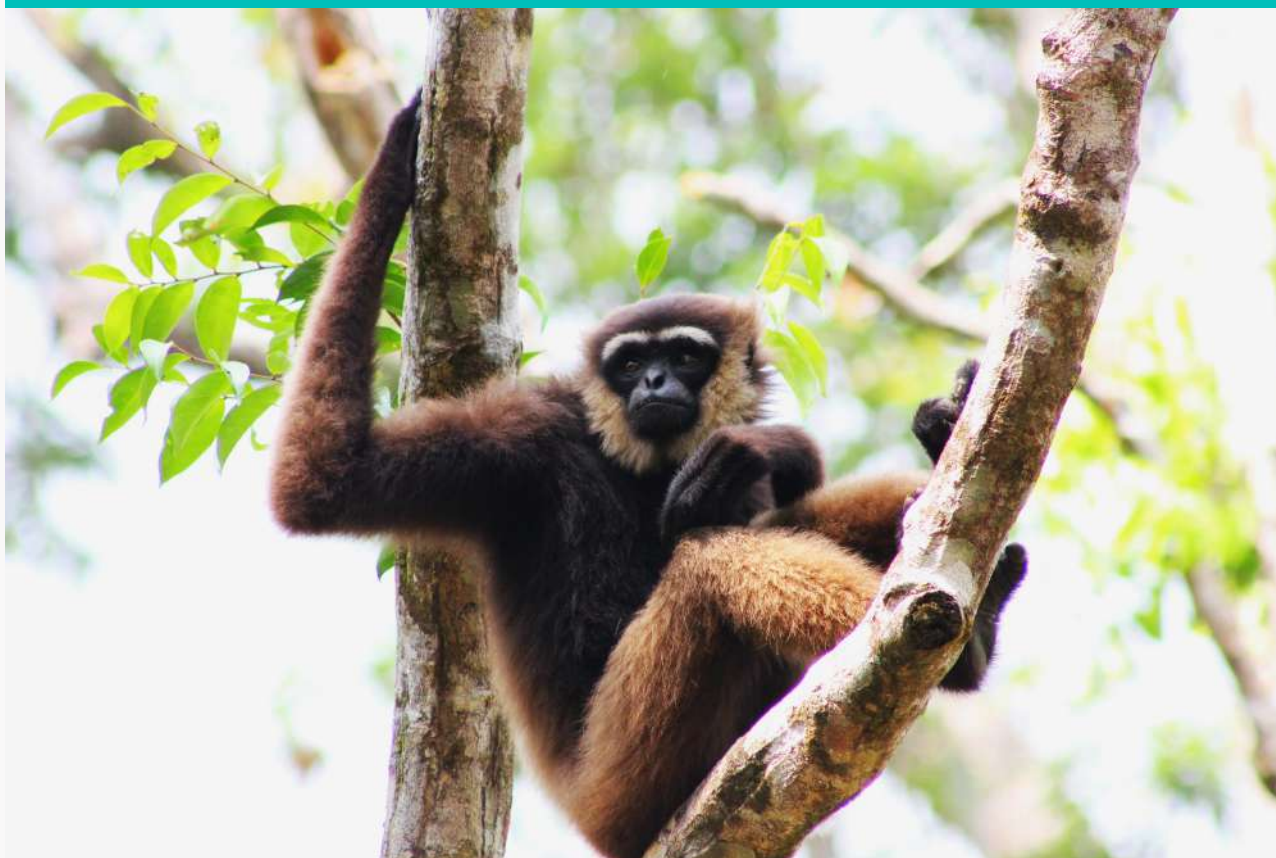
INDONESIA

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

on the basis of a decision
by the German Bundestag

Issue No. 25 | June 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 **25th 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.

In this newsletter, we have introduced a new section under 'OPPORTUNITY' where you can submit any hiring, collaboration, or procurement opportunities. Please check the 'IKI News' section for the post-event recap of the recent IKI roundtable exchange on NDC preparation and implementation, as well as the launch of the IKI Hub Indonesia Helpdesk.

[POLICY HIGHLIGHTS](#)

[IKI NEWS](#)

[STORIES FROM COMPLETED PROJECTS](#)

[HUMAN IMPACT STORIES](#)

[GENDER UPDATES](#)

[IKI SMALL AND MEDIUM GRANT NEWS](#)

[PROJECT NEWS - MITIGATION](#)

[PROJECT NEWS - ADAPTATION](#)

[PROJECT NEWS - BIODIVERSITY](#)

[KNOWLEDGE PRODUCTS](#)

[OPPORTUNITY](#)

[FUTURE EVENTS](#)

Policy Highlights



© UNFCCC

Halfway to COP29: The Bonn Climate Change Conference

Around 6,000 people gathered in Bonn, Germany, from 3 to 13 June for the Bonn Climate Change Conference, a key preparatory event for COP29 in Azerbaijan this November. Delegates from 198 countries discussed critical environmental issues, paving the way for major decisions at COP29. The Bonn Conference is the only other regular climate summit hosted by the UNFCCC. It serves as a crucial waypoint for negotiating mechanisms and drafting conclusions for implementation at the upcoming COP.

The key takeaways:

- **Climate Finance:** as a new collective quantified goal on climate finance (NCQG) will be one of the tasks of the COP29, it is clear that trillions are needed. The source of this funding will be part of the discussions.
- **Cutting Emissions:** GHG emissions must be halved by the end of this decade in order to still be able to keep the temperature rise within the 1.5° limit. Related target should be reflected in the

second NDC. However, for developing countries, cutting GHG emissions can only be done with sufficient climate finance.

- Geopolitical Challenges: US election and rise of right-wing parties in Europe might bring changes in the priorities for global climate action.
- Loss and Damage: little progress was made on loss and damage. The operationalizations of the Fund will be part of the discussions at the COP29.
- Fossil Fuels: Oil and gas companies' enormous profits in the past years raised the question of developing innovative finance around taxing fossil fuels. In Bonn, petrostates has shown their disagreement to the proposal.

The outcomes of the Bonn Conference will significantly influence the decisions at COP29, with the EU potentially playing a pivotal role in pushing for ambitious climate finance and emissions reduction targets despite internal uncertainties.

Source: [Euronews](#), [The Guardian](#), [European Commission](#)



© KHLK

Indonesia Accelerates Second NDC Submission with Focus on Stronger Climate Action

Indonesia is aiming to submit its Second NDC (Nationally Determined Contribution) to the UNFCCC earlier than the deadline. Even though the Second NDC are expected to be submitted before the COP30 in Brazil next year, Indonesia is submitting theirs by August 2024. The Ministry of Environment and Forestry, along with other relevant ministries, are finalizing the National Energy Policy Regulation to support the increase the ambition level in the targets.

The Second NDC will utilize a new reference year, 2019, for tracking emissions and place a renewed focus on adaptation strategies. The marine sector is a new addition, as well as additional GHG gases.

Source: [PPID](#) | Kementerian Lingkungan Hidup dan Kehutanan | [Siapkan Second NDC, Indonesia Perkuat Komitmen Atasi Dampak Perubahan Iklim \(menlhk.go.id\)](#)



© The European Council

Landmark EU nature restoration plan gets the green light

European Union countries gave final approval on June 17th 2024, to [a major and long-awaited plan](#) to better protect nature in the 27-nation bloc, a divisive issue after [months of protests](#) by farmers who argued that EU environmental and climate laws were driving them toward bankruptcy. Opposition from several member states left the bill deadlocked for months.

The law, which aims at restoring ecosystems, species and habitats in the EU, was finally adopted at a meeting of environment ministers.

The Nature Restoration plan is part of the [EU's European Green Deal](#) that seeks to establish the world's most ambitious climate and biodiversity targets and make the bloc the global point of reference on all climate issues.

Source: [Landmark EU nature restoration plan gets the green light despite months of protests by farmers](#) | AP News



© BAPPENAS

Bappenas Suggests Reducing Subsidies to Balance 2025 Budget

National Development Planning (Bappenas) Minister, Suharso Monoarfa, indicated that under president-elect Prabowo Subianto, the 2025 state budget might see reduced subsidies to curb government spending. Suharso, stated that cutting subsidies could help lower the budget deficit, which was 1.65% of GDP last year, lower than regional neighbors like Malaysia and Thailand. Alternatively, increasing tax revenue could also help. Suharso aims to reduce the deficit to 1.5-1.8% of GDP, a reduction of 1% or Rp 230 trillion. Finance Minister Sri Mulyani Indrawati said the matter would be reviewed, with the current deficit plan ranging from 2.45-2.82% of GDP. House budget committee member Dolfie Othniel Frederic Palit emphasized the need for a transitional approach as the new administration takes office.

Source: [Bappenas proposes subsidy cut to keep budget in balance in 2025 - Economy - The Jakarta Post](#)



© The Jakarta Post

Aligning Critical Minerals Policies with ASEAN Energy Transition

In 2022, global demand and investment in key minerals for the energy transition surged due to high prices and increased demand. Indonesia, through initiatives like the Just Energy Transition Partnership and the ASEAN Zero Emission Community, aims to significantly contribute to clean energy technologies such as electric vehicles and renewable power. The country emphasizes green investment strategies including green bonds and carbon pricing. However, fluctuating prices of critical materials like nickel and lithium have posed challenges. Indonesia's policy of banning nickel exports aims to boost local processing, despite potential fiscal drawbacks. ASEAN countries are crucial players in the global minerals market, particularly in nickel and copper production, which are essential for the energy transition. The region is developing regulations to advance its downstream industries and enhance mineral value-added processes.

Source: [Aligning critical minerals policies with ASEAN energy transition - Academia - The Jakarta Post](#)



© CNBC

Indonesia plans to develop Nuclear Energy by 2032

Indonesia's National Energy Council (DEN) has included nuclear energy in its National Energy Policy draft, advancing its status from a last-resort option in the 2014 regulation. The plan aims for a commercial nuclear power plant (NPP) operation by 2032, pending regulatory approval. DEN has paved the way for PT ThorCon Power Indonesia, a U.S.-based company, to develop a 500 MW NPP in Bangka Belitung. The technology is under review by the Nuclear Energy Regulatory Agency (Bapeten).

Indonesia's strategic shift towards integrating nuclear energy into its National Energy Policy by 2032 indicates a development in Indonesia's energy diversification. The status of nuclear has been always stated as "the last resort" for decades, even in the old version of National Energy Policy in 2014. The latest National Energy Policy draft changes the nuclear energy status from "the last resort" to a "a viable option". This move sees nuclear power with other renewable energy sources to achieve emission reductions in the country. The partnership with ThorCon shows Indonesia is seeking international expertise to expedite this transition.

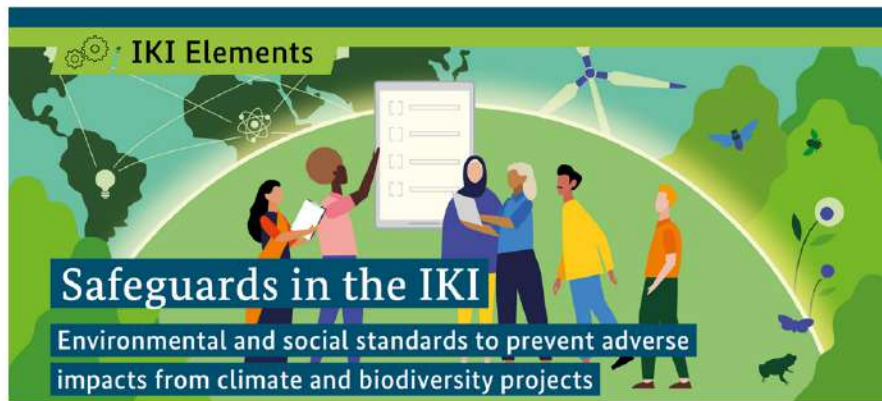
Source: [CNBC](#) and GIZ Energy Hub Insights.

Updates / News from Indonesian Government Partners

Updates from political partners and regulations related to energy in Indonesia

- Minister of Energy Mineral and Resources, Mr. Arifin Tasrif confirmed that the preparation of the Draft Government Regulation (RPP) regarding National Energy Policy (KEN) has been completed. The process of harmonisation of the RPP KEN has also been carried out at the Ministry of Law and Human Rights on 4th June 2024 and has been handed back to the Ministry of Energy and Mineral Resources via letter number PPE.PP.03.03-1186.
- 2. The Ministry of Energy Mineral and Resources (MEMR) continues to optimize the use of hydrogen as an energy transition initiative towards new and renewable energy. From a business aspect, an update to the Standard Business Field Classification (KBLI) code for hydrogen development is being prepared. Director of NRE, DG NREEC informed that KBLI for hydrogen is expected to be completed by 2025.





© International Climate Initiative (IKI)

IKI Safeguards System: Environmental and social standards to prevent adverse impacts from climate and biodiversity projects

The factsheet from the "IKI Elements" series provides an overview of the IKI Safeguards System. To ensure optimal protection for both the environment and people, the International Climate Initiative (IKI) is committed to complying with international environmental and social standards. This is guaranteed through the IKI Safeguards System.

Click more [here](#).



© International Climate Initiative (IKI)

The IKI participation on the Bonn Climate Change Conference - in the run-up to the COP29

The International Climate Initiative (IKI) was represented at two side events in Bonn this year: On 10 June, experts met for an expert exchange on the topic of "NDCs and Industry Decarbonisation". In the evening, the IKI hosted its traditional networking event - this time to discuss climate finance.

Click more [here](#).



© International Climate Initiative (IKI)

The IKI Gender Community of Practice Online Seminar

The IKI Gender Community of Practice (IKI G-CoP) is a format designed to support implementing organisations and enhance knowledge exchange and lessons learned regarding their experiences in implementing the IKI gender strategy and promoting gender justice within their projects. The IKI G-CoP is a regular and interactive event open for all IKI implementing organisations, co-hosted by the IKI Office and IKI implementers.

Click more to check the regular schedule of IKI G-CoP [here](#).



© GIZ/Climate and Biodiversity Hub Indonesia

High-level meeting between IKI Ministries and Indonesian government partners

During the World Circular Economy Forum in Brussels. The Environment Director at Bappenas travelled to Bonn, where he met BMUV and BMZ on 19 April 2024. The speaking points turn around circular economy and biodiversity. The full article can be read [here](#).

On the other hand, in the context of the Climate Change Meeting in Bonn (SB60), the Indonesian delegation from the Ministry of Environmental and Forestry (KLHK - Directorate General of Climate Change) held meetings with BMWK, BMUV, AA and BMZ. Discussions focused on the preparation of the Second NDC and the inclusion of energy targets, namely the ones reflected in the JETP, as part of the targets of the second NDC.



© GIZ/Climate and Biodiversity Hub Indonesia

IKI mini roundtable exchange: IKI's Contribution to Indonesia's Nationally Determined Contributions (NDC) Formulation and Implementation

The IKI Hub Indonesia organized an IKI mini-roundtable exchange on June 24, 2024, in Jakarta, focusing on the contribution of IKI projects to the formulation and implementation of Indonesia's NDC. Attended by 42 participants, the exchange aimed to identify contributions to the NDC, facilitate comprehensive exchange and coordination among IKI project implementers, and ensure alignment to maximize the impact of IKI support for the Indonesian government's NDC efforts.

More information: [event documentation](#) | [recording](#).



The IKI Hub Indonesia Helpdesk



ikihubindonesia@giz.de

The IKI Hub Indonesia Helpdesk

To maximize the role of the interface project, the IKI Hub Indonesia has established a helpdesk service for IKI projects. This service allows projects to send inquiries, questions, concerns, and challenges that need to be forwarded to IKI ministries. The point of contact for this helpdesk is via email at ikihubindonesia@giz.de.

IKI Projects in Indonesia per June 2024



© GIZ/Climate and Biodiversity Hub Indonesia



Stories from Completed Projects



[B]© ICCAS [1]

Creating green jobs built on traditional knowledge to recover from impacts of COVID-19 pandemic in Sedau Village, Lombok Regency

The Global Support Initiative to indigenous peoples and community conserved areas (ICCA-GSI) launched the COVID-19 pandemic rapid response initiative in October 2020 to support indigenous peoples and local communities cope and recover from this unprecedented challenge. This initiative is part of IKI BMUV's Corona Response Package and is implemented by UNDP through the GEF Small Grants Programme in 45 countries worldwide.

In Indonesia's West Nusa Tenggara Province, the communities in Lombok Island were still recovering from the economic downturn of the 2018 earthquake when the pandemic hit. With tourism being the island's major economic activity, many people have lost their jobs and have returned to their villages to rely on nature for their livelihoods. For example, local communities from the Sedau Village ICCA in West Lombok Regency turned to their traditional knowledge -- developed from decades-long experiences with their natural and cultural surroundings and passed down through generations. The agroforestry system they created maintains the ecological balance of forest ecosystems while providing socio-economic benefits and has proven to be very flexible in dealing with events that disrupt their life. During the pandemic, villagers who were infected reported that their fast recovery was due to the nutritious food sources and medicinal plants from their forests.

Building on their traditional knowledge, the ICCA-GSI in partnership with Lingkar Rinjani Sharia Cooperative supported the Sedau villagers in 2021 to develop a sustainable eco-tourism model. The Mount Jae Tourism was created to expand the tourist services of the Mount Jae Campground by featuring traditional medicine and traditional coffee cultivation.

Tours in the 560-hectare ICCA, 70% of which are forests, included residents explaining the different types of medicinal plants found in their yards and forests. Kayu putih (eucalyptus) and kapulaga (cardamom) plants, for example, are used by residents when the first symptoms of flu and fever occur as they maintain the body's resistance to viral attacks, including the corona virus. Akar wangi (chrysopogon zizanioides) and sereh wangi (citronella) plants are grown in community yards to stop mosquitoes from breeding and curtail mosquito-borne diseases.

Traditional coffee cultivation in Sedau Village was almost abandoned because it did not provide enough income. A women's group was trained to enhance the traditional process (e.g., unpruned coffee plants, harvesting, and sorting coffee beans) by experimenting with new methods. As a result, they developed the skill of 'seong kopi' or roasting coffee before consumption. A 'coffee tour' package was then developed where tourists can visit coffee plantations and residents' homes to show the enhanced traditional coffee bean processing. Coffee shops were built to allow tourists to enjoy brewed coffee as well as buy packaged medicinal plants and other agroforestry products as souvenirs. Lastly, partnerships with other tourism companies were created to promote Mount Jae Tourism throughout Lombok Island.

This village eco-tourism model increased the Sedau villagers' monthly average incomes by 400% to 733%, from 600,000 rupees before the pandemic to 3-5 million rupees in 2023. This exemplifies how green jobs are essential for environmental and socio-economic sustainability and presents that tourism can sustainably grow from local knowledge rather than top-down models that exist in most external investments. If this method is upscaled in West Nusa Tenggara Province, it can become a national tourism gateway for Indonesia.



[B]© SNAPFI [1]

Strengthen national climate policy implementation: Comparative empirical learning & creating linkage to climate finance (SNAPFI)

The SNAPFI project, running from 2019 to 2023, united research institutes from Brazil, India, Indonesia, South Africa, and Europe in a four-year collaborative effort. The project aimed to advance understanding and action on climate finance, and to increase awareness about the existing financial instruments and their linkage to climate policies.

In Indonesia, represented by the Climate Change Center of the Institute of Technology Bandung (CCC-ITB), the primary focus of the annual national studies was on the governance of the energy-climate sector. Additionally, two studies concentrated on adaptation governance and synergies for enhanced Nationally Determined Contributions (NDC) implementation.

[Building on the stakeholder mapping](#) and [policy analysis](#), CCC-ITB produced the climate-energy governance model and explored the role of the private sector in the [energy transition](#).

The first adaptation-focused study outlined adaptation governance and financing strategies, emphasizing the importance of assessment tools for identifying [adaptation metrics](#). The second study examined the enabling conditions for synergy between climate change adaptation and mitigation to boost sustainability and facilitate access to [international climate finance for stimulating NDC implementation](#).

To disseminate study results, CCC-ITB held several webinars with relevant stakeholders ([link](#), [link](#), [link](#)). CCC-ITB also provided a policy brief to the Ministry of Environment and Forestry (KLHK) to support the preparation of the adaptation section of the NDC in 2020. Another policy brief was conveyed to the National Energy Council (DEN) about galvanizing their role in climate energy governance in 2023. Besides, a scientific paper, led by CCC-ITB regarding the role of International Climate Finance in the energy sector in Indonesia was published in the [Environmental Science & Policy Journal in 2022](#).

In September 2023, CCC-ITB hosted the joint work retreat among all SNAPFI partners in Bandung. This event facilitated a collaborative live panel presentation during [New York Climate Week](#), showcasing effective outreach efforts.



[B]© SEED Indonesia[I]

Financing and capacity building for micro and small Climate-smart Enterprises: Filling the gap of the missing middle (SEED Indonesia)

Since 2019, SEED Indonesia has supported the adoption of eco-inclusive business models that support transformation in key low-carbon development sectors such as waste, agriculture, energy and forestry. Through SEED Indonesia's activities, nearly 100 entrepreneurs and companies participated in incubation and acceleration programmes.

These programmes have directly supported Indonesian small and medium-sized enterprises (SMEs) at different levels of business development - from the early stages of inspiration and concept development to scaling up or replicating proven, successful eco-inclusive business models. In addition, more than 60 business development service providers were trained in SEED methodologies and toolkits through the SEED Training of Trainers and the Green Recovery Ecosystem Builder Programme.

SEED Indonesia continued to drive the development of innovative financial instruments in decentralised mini-grid financing, as well as blockchain-based conservation finance for Indonesia's rich natural assets.

Through a series of Practitioner Lab and advocacy activities as part of the Earth-Centred Economy Coalition (KEM) in the ASEAN and G20 processes, the Indonesia Hub promoted better linkages between public procurement processes and sustainable SMEs to strengthen local green markets. Building on this momentum, SEED Indonesia facilitated the co-development of an incubator toolkit to empower local incubators to drive economic and social change within the SME sector.

SEED Incubator Toolkit (co-created by the SEED Indonesia Hub)

There is no set path for SMEs to follow in their quest for social and environmental impact. In many cases, these enterprises receive a range of support from Enterprise Support Organisations (ESOs), which work to fill gaps in the entrepreneurship ecosystem, as they navigate the various stages of their business development - from the early stages of business registration and product development to the later stages of scaling up and expanding their operations. ESOs act as intermediaries, incubators, accelerators, advisors, technology hubs and support agencies that help businesses improve and scale up their operations. Through technical assistance, consultancy, incubator and accelerator programmes, ESOs help enterprises to develop their business plans, improve their investment readiness, scale up their operations and connect them with potential donors, investors or partners and markets, among other types of support. While this type of support is largely available in Indonesia's urban centres, it is still emerging in the more underserved areas of Indonesia.

- The SEED Incubator Toolkit can be accessed here:

<https://www.seed.uno/articles/toolkits/seed-incubator-toolkit>

- The SEED Impact Report can be accessed here: <https://seed.uno/articles/reports/impact-report-2024>

- The SEED Project Report can be accessed here: <https://seed.uno/articles/reports/iki-project-report>

The SEED Climate Finance Report can be accessed here:

<https://seed.uno/articles/reports/climate-finance-report>



[B]© The ICCT [1]

Transformation on Public Transportation: Story from Soot-free low-carbon city fleets

The Jakarta Special Capital Region (Daerah Khusus Ibukota or DKI) provincial government plans to expand its public transportation and transition to electric vehicles as part of its efforts to reduce economy-wide emissions 50% by 2030.[1] As a signatory of the C40 Cities Fossil Fuel Free Streets Declaration, Jakarta has joined 34 other cities in committing to zero-emission road transport (C40, 2019).

The DKI Jakarta government has formally set a target for Transjakarta to operate 100% e-buses by 2030. Governor Decree No. 1053/2022 mandated the purchase of e-buses for operation in the city and provided clear funding directives to support this transition. Transjakarta began piloting electric bus models in 2019 and 2020. By the end of 2022, 30 12-meter e-buses were operating in the system. This number increased to 52 by the end of 2023 for the 12-meter low-floor buses. Out of 1,130 12-meter low-floor buses, 4.6% are now electric. As of today, there are 74 e-buses in the BRT system.

The ICCT, alongside other NGOs, supported Transjakarta with technical analysis to better understand the total cost of ownership implications of transitioning to a technology with higher capital costs but much lower operational costs. We also identified institutional challenges around procurement that require a shift from the traditional way of purchasing ICE buses. Additionally, we completed a route-level analysis comparing the battery and operational performance of e-buses in four trunk corridors. Furthermore, we prepared a policy roadmap for local and national governments to support e-bus acceleration in Indonesia, based on lessons learned in Jakarta.





© Frankfurt Zoological Society - Nature Conservation Concessions - Ranger of the Elephant Conflict Mitigation Unit (ECMU) provide scare guns to local farmers to help protect their fields against elephant raids

Human-Elephant Conflicts (HEC) Are Increasing in the Bukit Tigapuluh Landscape as Elephants Forage for Their Favorite Food: Young Oil Palms

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

“Without our daily commitment to herding wild elephants, local farmers' fields would be trampled and destroyed,” explains Maskun, an experienced elephant ranger.

We observe more than 250 human-elephant conflicts per year, with thousands of crops destroyed. Due to the ongoing encroachment of small farmers into the forests, elephant habitat has become fragmented, leading elephants to migrate to fields and gardens.

Our daily work as elephant scouts significantly helps prevent these conflicts from turning fatal. Oil palms, particularly up to the age of 7 years, are the main food for Sumatran elephants and are often raided by them.



Gender Updates

Training Female Farmer Groups in the Sanglap Enclave of Bukit Tigapuluh National Park to Increase Household Income

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

To increase household income, 60 female farmers from Sanglap, inside the Bukit Tigapuluh National Park, participated in a six-month field school training course. The training began with the planting of various vegetables as a fast-track activity and included the cultivation of lowland coffee, pepper, and vanilla. Due to high transportation costs during the rainy season, perishable fruits like oil palm can only be sold at very low prices. This issue can be mitigated in the future by processing storable products like Robusta coffee, pepper, and vanilla. As a first step, a local nursery was established to provide the necessary seedlings.



© Frankfurt Zoological Society - Nature Conservation Concessions - Members of the female farmer group in Sanglap present their vegetable harvest as a result of the field school training.



IKI Small and Medium Grant News



© Rural Youth Climate Action Movement (RYCAM) for Cool Farming - Silke Stöber - Research farmer from

Inspiring and equipping the younger generation for sustainable agriculture

Written by Rural Youth Climate Action Movement (RYCAM) for Cool Farming Project

The Rural Youth Climate Action Movement (RYCAM) for Cool Farming was launched with a kick-off workshop on 22-24 April 2024. The project, which will run until March 2027, promotes nature-based 'cool farming' and aims to empower

activities include school challenges on climate resilience in the AFOLU sector, feasibility analysis of emissions-neutral agriculture, net-zero agro-ecopreneurship competitions and the development of guidelines for net-zero farming start-ups. The aim is to inspire and equip young people, especially Generation Z, to support food security in Indonesia.



Project News - MITIGATION

Mitigating greenhouse gas emissions

Industry's net-zero transition in textile, iron and steel sectors in Indonesia

Written by Soojin Jeong, SIPA Project Coordinator,
Sustainable Infrastructure Programme in Asia (SIPA),
soojin.jeong@oecd.org



© OECD/SIPA - OECD/SIPA – 1st
Technical Advisory Committee meeting:
Framework for industry's net-zero
transition in textile, iron, and steel sectors

The OECD is implementing “Framework for Industry’s Net-Zero Transition” under the Sustainable Infrastructure Programme in Asia (SIPA). This framework is a step-by-step approach to assist emerging and developing economies in designing solutions for financing and to improve the enabling conditions that can accelerate industry’s transition. In April 2024, the 1st Technical Advisory Committee meeting gathered Indonesian stakeholders to address decarbonisation challenges in the textile, iron, and steel sectors. Based on this meeting, the OECD will conduct an economic assessment and identify policy and financial instruments to enhance the competitiveness of low-carbon technologies in these sectors.



© GIZ/ExploRE, 2023 - Site visit to bio-hydrogen plant owned by PT Nubika Jaya in Labuhanbatu, North Sumatra, involving representatives of Bappenas and MEMR

Synergizing Towards a Green Hydrogen Future in Indonesia

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

To secure green hydrogen advancement in national development, GIZ collaborates with Bappenas to conduct a thematic study on green hydrogen to support in the drafting of the National Medium-Term Development Plan (RPJMN) 2025-2029. To be considered in the national development

plan is a critical milestone for green hydrogen future in Indonesia.

A key recommendation from the study is to issue a government regulation (Peraturan Pemerintah [PP]) to provide legal certainty, encourage investment, and boost market creation.

Through close coordination during the thematic study development, GIZ facilitated a synergized collaboration among different government stakeholders, which resulted a strong buy-in from the Ministry of Energy and Mineral Resources (MEMR). GIZ and MEMR are currently jointly preparing for academic transcript drafting on green hydrogen development, as a required process before the issuance of a PP.

Launch of JETP Energy Efficiency and Electrification Working Group, led by Southeast Asia Energy

Transition Partnership

Written by Sheshadri Kottarachchi, Senior Communications Officer, Southeast Asia Energy Transition Partnership, udanik@unops.org

On May 28th, 2024, the Just Energy Transition Partnership (JETP) initiative launched its fifth working group: the Energy Efficiency and Electrification Working Group (E3WG). The launch event was attended by over 250 in-person and virtual participants from government entities, private sectors, IPG countries, state-owned enterprises, civil society organizations, and academia.



© UNOPS/SEA ETP - Group photo featuring E3WG members, Deputy Minister of CMMIA, Director General of Ministry of Energy and Mineral Resources (Indonesia), Head of JETP and Director of Ministry of Industry (Indonesia).

ETP, alongside key government officials, delivered opening remarks at the event. As the lead of the E3WG, ETP presented the group's role, goals, and scope of work. Partner organizations include the International Energy Agency (IEA), INDODEPP, World Resources Institute (WRI), Net Zero World Initiative (NZWI), and Pusat Studi Energi Universitas Gajah Mada (PSE UGM).

Following the launch ceremony, four panel discussions delved into specific topics: financing, industry and supply-side efficiency, buildings and appliances, and transportation sector electrification.



© UNOPS/SEA ETP - Group photo featuring Pondera, Bitu Bina Semesta (consortium member), MEMR and ETP representatives at the event.

Handover of Permitting and Regulation Assessment Report in Support of Onshore Wind Energy Development in Indonesia

Written by Sheshadri Kottarachchi, Senior Communications Officer, Southeast Asia Energy Transition Partnership, udanik@unops.org

The "Permitting and Regulation Assessment for Onshore Wind" report was handed over to the Directorate General of New, Renewable Energy and Energy Conservation (DJEBTKE) of the Ministry of Energy and Mineral Resources at the fourth Technical Working Group (TWG) Event, held recently. This report is a crucial part of the "Wind Energy Development in Indonesia: Investment Plan" project, led by the Southeast Asia Energy Transition Partnership (ETP) hosted by UNOPS. The report aims to create a conducive permitting and regulatory framework to attract investors and developers for wind energy projects in Indonesia.

The report was prepared by Pondera and BITA Bina Semesta in collaboration with the Wind Power TWG. In a ceremony marking the completion of a wind energy pre-feasibility study, Indonesian Director General Prof. Dr. Eng. Eniya Listiani Dewi emphasized the importance of wind power for the country's energy transition and expressed appreciation for ETP-UNOPS' support. The study, focusing on eight locations in Java and Sumatra, identified promising areas like North Padang Lawas and Sukabumi. It assessed wind resources, electricity demand, and potential environmental and social impacts. The findings aim to make wind power investments more attractive. Details on the remaining locations will be available in a forthcoming wind energy prospectus report, intended to further stimulate investor interest in Indonesia's wind energy sector.

Powering Up for a Sustainable Future: The Southeast Asia Energy Transition Partnership's Support to Upgrade Indonesia's Largest Energy Generator

Written by Sheshadri Kottarachchi, Senior Communications Officer, Southeast Asia Energy Transition Partnership, udanik@unops.org

Indonesia, Southeast Asia's top energy consumer, targets 23% renewable energy by 2025. The Southeast Asia Energy Transition Partnership (ETP) supports this goal by upgrading the JAMALI Control Center, which supplies electricity to 160 million people. Managed by PT Perusahaan Listrik Negara (PLN), JAMALI struggles with current infrastructure limitations, hindering its ability to manage variable renewable energy like solar and wind.



© UNOPS/SEA ETP - Powering Up for a Sustainable Future: The Southeast Asia Energy Transition Partnership's Support to Upgrade Indonesia's Largest Energy Generator

ETP is enhancing JAMALI's capabilities with advanced systems to improve efficiency and resilience. This includes automatic dispatch, smart loading microgrid concepts, and integrated security operations. ETP also provides training for PLN staff, ensuring knowledge transfer. ETP's support will boost energy security, lower electricity costs, and create jobs, aiding Indonesia's transition to a sustainable energy future.



© GIZ/IKI JET - Public Consultation for Long-Term Development Plan RPJPD 2025 – 2045 in South Sumatra

Integrating Just Energy Transition Elements into Provincial Long-Term Development Plan (RPJPD) 2025 – 2045

Written by Nyimas Wardah & Fajar Lizmawan Innovation Regions for a Just Energy Transition (IKI JET) nyimas.wardah@giz.de; fajar.lizmawan@giz.de

IKI JET supports two coal-dependent regions in Indonesia, East Kalimantan and South Sumatra, in creating participatory plans for a just energy transition. The project focuses on assisting both regions to develop economic diversification and transformation plans aligned with their provincial long-term and medium-term development and local energy plans. The project advises both provinces to integrate Just Energy Transition (JET) elements into their Long-Term Development Plans (RPJPD) for 2025 – 2045.

Both regions have released their final RPJPD drafts for public consultation—South Sumatra in April and East Kalimantan in May. These drafts include key JET components, such as: (a) green economy transformation (including energy transition), (b) active labor market policy, and (c) social protection.

These inputs are aligned with the vision of each province:

- a. East Kalimantan as a prosperous, advanced, equitable, and sustainable region by 2045
- b. South Sumatra as an advanced and sustainable region by 2045.

This was emphasized by Dr. Akmal Malik, M.Si (Acting Governor of East Kalimantan), and Dr. H.A. Fathoni (Acting Governor of South Sumatra).

Building Capacity for Nature-Based Solutions: Enhancing Strategic Infrastructure Planning in Indonesia

Written by Oki Hadian Hadadi, WWF Sustainable Infrastructure Project Leader in Indonesia, Sustainable Infrastructure Programme in Asia (SIPA). ohadian@wwf.id

Under the OECD-led Sustainable Infrastructure Programme in Asia (SIPA), WWF Indonesia hosted a capacity-building event with the support of Gadjah Mada University's Faculty of Geography on nature-based solutions from May 13 to 16, 2024, in Pekanbaru, Riau. The training targets provincial governments from West Sumatra, Jambi,



© OECD/WWF/SIPA Project - WWF Indonesia and Gadjah Mada University organised a capacity building event on nature-based solutions targeting representatives of provincial governments.

and Riau. It aims to improve participants' skills in spatial modeling of ecosystem services and demonstrate how these models can be used to create relevant policies. This initiative seeks to mainstream nature-based solutions, sustainable infrastructure, and strategic climate resilience planning in an effort to make strategic infrastructure planning a standard practice for future environmental sustainability.



© GIZ/Scaling SCP

Expanding Sustainable Public Procurement (SPP) to Provincial Level in South Sulawesi

Written by Khairul Amri, Climate Change Advisor, Scaling SCP, khairul.amri@giz.de

Piloting for SPP expanded to South Sulawesi on 4 of June. Attended by 80 participants from government agencies and the industries of green and ecolabel product. LKPP,

Pusfaster KLHK, Kemendagri and GIZ as the resource person and facilitator for the event. Keynote speech and opening delivered by Regional Secretary of that emphasized SPP should started from the government budget planning to ensure the alignment with the monitoring and evaluation. Socialization became the effort for the goals in reducing usage of conventional switch to the green and ecolabel that will be procured by government as the highest expenditure in the country.

Voices from the Voiceless: CASE Indonesia in highlighting the undermined roles of women in a just transition

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



© GIZ/CASE - CASE Indonesia in Climate Witness National Dialogue

Jakarta, 22nd of June 2024: CASE Indonesia in Climate

Witness National Dialogue to support a just energy transition for all

Women, often engaged in undocumented and unpaid labor, are more vulnerable during the transition to a non-fossil fuel-based economy. The CASE Project in Indonesia promotes a just energy transition narrative by fostering socio-economic resilience and breaking gender barriers through the development of new opportunities and roles for women post-transition in coal mining regions. Supported by the IKI JET project, CASE is studying the socio-economic impact on informal women workers in two coal mining regions, East Kalimantan and South Sumatera. At the Climate Witness event, CASE discussed this with key stakeholders, emphasizing the importance of inclusivity. Findings will be presented at the upcoming ISEW 2024.



Project News - ADAPTATION

Adapting to the impacts of climate change



© GIZ/Climate and Biodiversity Hub

Celebrating International Biodiversity Day:

#BePartofthePlan on Protecting Indonesia's Biodiversity

Written by Climate and Biodiversity Hub Indonesia Communication Team

The theme for the celebration of the International Day for #BiodiversityDay on May 22 calls to "Be Part of the Plan",

and to assume a responsible role towards biodiversity. GIZ Indonesia and ASEAN have been strongly supporting national partners in their efforts for biodiversity conservation. We provide advisory and evidence for effective policies, planning, and management instruments, as well as support the implementation of those strategies in selected ecosystems.

By being part of the plan, GIZ Indonesia and ASEAN has participated on a series of events at the Biodiversity Week Celebration held by the Ministry of Environment and Forestry (KLHK) from May 15–17 in Jakarta, showcasing various efforts and future commitments in supporting biodiversity conservation in Indonesia.



Project News - BIODIVERSITY

Conserving biological diversity

Orangutans Were Extinct in the Bukit Tigapuluh Landscape: The Frankfurt Zoological Society (FZS) Has Been Reintroducing Them for Over 20 Years

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

FZS and BKSDA Jambi are committed to re-establishing a viable orangutan population in the Bukit Tigapuluh landscape. The latest stars of the program are two young orangutans named after two Indonesian politicians: Siti and Sudin. Both orangutans were confiscated from illegal traders when they were around 1.5 years old. Since then, they have been trained daily to live like wild orangutans. After three years of training, they have mastered all the necessary skills to return to the wild. A total of 2,005 orangutans have been released in Bukit Tigapuluh, marking the halfway point to establishing a viable population.



© FZS/Nature conservation concessions - Orangutan Sudin during a 'jungle school' session in preparation for his return to the wild



© HUTAN HARAPAN - K-POP fandom communities participated in tree-planting activities in Hutan Harapan on February 9th, 2024, and IU fans and trees planted in the former forest and land fire area in Hutan Harapan

The K-POP Community Organizes an Adopt-A-Tree Campaign in Hutan Harapan

*Written by Hospita, Communication Team of Hutan Harapan,
hospita@hutanharapan.id*

In February 2024, several K-POP fandom communities participated in tree-planting activities in Hutan Harapan. Working with the Hutan Harapan team and KKI Warsi, fourteen K-POP community representatives travelled to Hutan Harapan to plant 160 tree seedlings in nine locations across an area of 181 hectares of forest and land that had been damaged by fires. Bintang, a member of the K-POP community and a staff member of Too Much Information (TMI), mentioned that the concept for an Adopt-A-Tree program originated from discussions among city-based community groups. These groups aimed to contribute to environmental conservation, especially following the forest and land fires in Indonesia from August to October 2023.

Within three months, over IDR 40 million (2,302 Euro) was collected from 793 donors who were members of 25 fan communities. The donations received from the K-POP community will be used to monitor the growth and maintenance of the newly planted trees. Communities can monitor the development of their trees through barcodes that have been sent to them.

ASEAN REPEAT/SUPA supports the protection of peat ecosystems in Aceh, Indonesia

Written by Anindhitya, Communications Specialist, ASEAN REPEAT/SUPA, anindhitya.anindhitya@giz.de



© GIZ/ASEAN REPEAT/SUPA - Peatland in Aceh, Indonesia

In Aceh, ASEAN REPEAT/SUPA has been supporting the provincial government and the two districts where pilot site activities are being implemented to develop their Peat Ecosystem Protection and Management Plan (RPPEG). On 26 April 2024, the RPPEG for Aceh Province was officially launched, marking Indonesia's continued commitment to promoting peatland protection.

“This is in line with regulations and policies for the protection and management of peat ecosystems. At the policy level, the RPPEG for Aceh Province is important as a direction for policies, plans, or programs at the regional level,” said Moh. Noor Andi Kusumah, Director of Peat Degradation Control.



© GIZ/SOLUSI - Site visit to potential intervention areas and focus group discussion with local stakeholders on Belitung Island

Navigating the Integration of Land and Seascape Management in Bangka Belitung Provinces

Written by Kadek Ayu Dea, Communication Trainee, SOLUSI Project, kadek.putri@giz.de

The SOLUSI project focuses on reducing environmental degradation and fostering climate-resilient livelihoods by integrating an ecosystem-based approach into the management of land and seascapes. It supports the Government of Indonesia in integrating land and seascape management into development planning documents at both national and local levels.

On 5 June 2024, SOLUSI held a focus group discussion with local stakeholders and NGOs in the Bangka Belitung Islands Province, followed by visits to potential pilot areas where project interventions will be implemented. These activities aimed to gather input from local communities and officials on planned activities in Belitung, provide a platform for exchanging information and discussing challenges in land and seascape management, and assess potential areas and communities for project involvement. The insights gathered will guide future actions and contribute to harmonizing development plans and sustainable land and seascape management across different levels of governance.



Knowledge Products

Study – Coal’s Endgame: Cost-Benefit Analysis (CBA) of Early Retirement Coal-Fired Power Plant (CFPP) versus CFPP with Carbon Capture and Storage (CCS)

Contact Person: Diana Bayu, Junior Energy Advisor, CASE, dianadellariam.bayu@giz.de

» https://caseforsea.org/post_knowledge/renewable-vs-ccs-for-cfpp-in-indonesia/



Opportunity

HIRING: Consultant for the NUCA Programme - Driving Investments in Urban Climate Infrastructure

The Urban Climate Action Programme for National Development Banks (NUCA) is a technical cooperation initiative that is changing how five countries finance low-carbon and climate-resilient urban infrastructure. Brazil, Colombia, Indonesia, Mozambique, and South Africa. This IDFC program is funded by IKI and launched with PT SMI as the implementing partner in Indonesia. NUCA aims to strengthen the capacity of NDBs to promote low-carbon and climate-resilient urban infrastructure investments.

A stakeholders engagement workshop is scheduled to take place in September 2024 to launch the initiative in Indonesia. To ensure the event's success, we require the support of a consultant to assist IDFC and PTSMI in preparing and organizing the event, as well as contributing to all activities necessary for the mission.

We are seeking a seasoned professional available from July to October to fulfill this role. Please contact us at bezite.ext@afd.fr and we will provide the terms of reference along with further details.



Future Events

Green Economy Expo

3-5 July 2024

Cendrawasih Room, Jakarta Convention Centre

Organized by Ministry of National Development Planning (BAPPENAS) and supported by GIZ along with other stakeholders, this event aims to facilitate all related stakeholders' discussions and collaborations directly regarding technology and innovation through the Green Economy Expo: Advancing Technology, Innovation, and Circularity." This event presents a unique opportunity for all of us to learn, grow, and contribute to advancing our shared goals.

More information: <https://ge-expo.id/>

Indonesia Sustainable Energy Week (ISEW) 2024.

"United Towards a Sustainable FutuRE: Advancing the Energy Transition for Indonesia Emas and Net Zero Emissions"

10 - 13 September 2024

Jakarta (Hybrid)

ISEW serves as the annual platform to showcase the long-lasting German-Indonesian Energy Cooperation across both countries' broad technical and financial cooperation portfolios. It is a national forum where policymakers, business leaders, experts, and communities can 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. More information: <https://isew.energyhub.id/>

Cool Farming in Indonesia - Feasibility study of net zero farming

Tue, 30 July 2024 (Hybrid)
09.00 - 10.30 CEST
14.00 - 15.30 WIB
15.00 - 16.30 WITA

As part of the Rural Youth Climate Action Movement (RYCAM) project, postgraduate students from Germany and Indonesia are working together to assess the economic viability and technical feasibility of net-zero smallholder farming in Pangandaran and Toraja, Indonesia. Currently in Berlin, the team is developing a conceptual framework, a comprehensive methodology and a strategic timeline for their upcoming fieldwork. Their proposed research design will be summarised in an inception report to be presented on 30 July 2024 in a public event. Follow their journey as they aim to provide data and insights to support RYCAM's mission of empowering and engaging rural youth and women to engage in and advocate for sustainable farming practices.

More information: <https://tinyurl.com/27f2jw3a>

The IKI round-table exchange with a representative of the Germany Federal Ministry for Economic Affairs and Climate Action (BMWK)

August 2024 in Jakarta
Time and venue will be informed later.
More information: ikihubindonesia@giz.de

The 6th IKI Networking Workshop: Promoting the Women's Leadership in Environmental Sectors

September 2024 in Jakarta
Time and venue will be informed later.
More information: ikihubindonesia@giz.de



[Contact](#)

[Disclaimer](#)

[Recommend this newsletter](#)

www.giz.de



**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

Chairperson of the Supervisory Board

Jochen Flasbarth, State Secretary

Management Board

Thorsten Schäfer-Gümbel (Chair)

Ingrid-Gabriela Hoven (Vice-Chair)

Anna Sophie Herken

In charge of this newsletter:

Karin Cristina Allgoewer, karin.allgoewer@giz.de

Editor(s):

Eka Gona Putri, eka.putri@giz.de

Revina Syifa Tiara, revina.tiara@giz.de

Photo Credits:

Cover image: © GIZ / Karin Allgoewer

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).

If you no longer wish to receive this newsletter, please click [here](#).