

Giftmakers to the Earth

Turning Waste into Power

Rooted in Bali, growing across
Yogyakarta and Eastern Indonesia



ASEAN SEDP Project
in Sumba



Successful biogas digester
installations in Yogyakarta



SU-re.co
Sustainability & Resilience



Research-driven climate enterprise

su-re.co, which stands for Sustainability and Resilience, is an environmental "Think-Do-Be" tank based in Bali, Indonesia. Founded by Prof. Dr. Takeshi Takama, the organization focuses on innovative research, practical solutions, and inclusive learning to address climate change and sustainability issues.



THINK



DO



BE

Our research helps public and private sectors work together to tackle climate change. Synergized with the think-tank, the do-tank combines strategic planning and local action on the ground in rural areas. We work on coffee and chocolate production, clean energy (biogas), and create sustainable and circular businesses. The be-tank shares our knowledge through educational programs, continuously improve our eco-friendly office, "Dojo," and foster a transparent culture.

Bali



Japan



Dear everyone

Greeting from Bali, Indonesia and Japan

Founded in Bali in 2014, we marked our 10th anniversary with an expansion to Japan. By linking Bali's on-the-ground projects with Japan's creative networks, we aim to create a positive spiral of collaboration, co-creating solutions that benefit both local communities and the global climate.

From Bali and Japan, let's co-create a positive spiral of sustainability.

Giftmakers.

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Giftmakers to the Earth



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Enhancing Mutual Accountability to Locally Led Adaptation

Do Social Forests Align with LLA Principles?



Watch the full video here



In October 2025, as part of a research project with the International Institute for Environment and Development (IIED), su-re.co organized a Focus Group Discussion (FGD) with the Forest Management Unit of Wanagiri Village Forest. The aim was to co-develop Locally-led Adaptation (LLA) tools and assess the benefits of the Social Forestry System.

Later that month, su-re.co co-hosted an online workshop with the Social Forestry Agency and Environmental Partnership (BPSKL), BUMDes Eka Giri Karya (Wanagiri), and Yayasan Humba Hammu (Sumba).

The online event aimed to share insights gained from Social Forests in Bali and Sumba, with I Made Darsana and Trouce Landukara representing these regions, respectively.

The discussions highlighted the ongoing challenges of Social Forests and set the stage for expanding LLA in other parts of Indonesia.

SOCOOL PROJECT

Organized by GIZ Indonesia/ASEAN Energy Programme in collaboration with the Directorate of Various New and Renewable Energy (EBTKE)

On 18-19 September 2025, su-re.co participated in the SOCOOL Project (Solar Cold Chain for a Green Economy) dissemination event on Solar Ice Maker (SIM) manufacturing instructions in Jakarta.

During the event, su-re.co shared research findings on the vulnerability of Indonesia's marine and fisheries sector to climate change, highlighting the essential role of renewable energy solutions in strengthening climate resilience, improving coastal livelihoods, and supporting Indonesia's ongoing energy transition.



Step Toward Cleaner Transport: Spora EV x su-re.co Collaboration

Where Green Innovation Meets Everyday Mobility



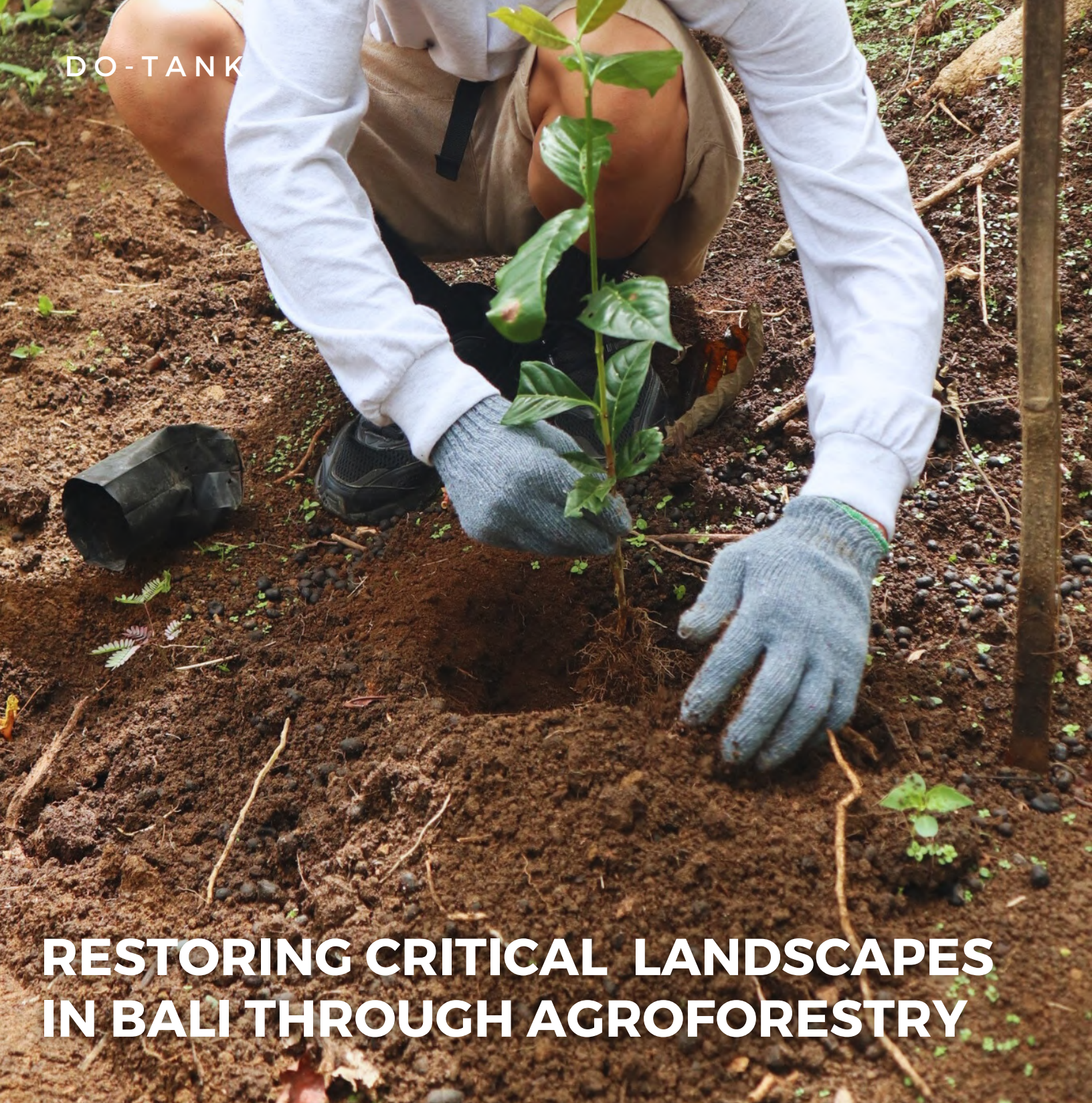
Indonesia's logistics sector is facing rising fuel costs, increasing congestion, and growing emissions as challenges that highlight the urgent need for sustainable mobility solutions. To address this, Spora EV and su-re.co have been selected as a new P4G Partnership, advancing a holistic and scalable electric mobility ecosystem tailored specifically to the logistics sector.

The partnership centers on Spora EV's MIMO, a modular, long-range electric motorcycle designed to meet the needs of delivery drivers and logistics operators. Beyond vehicle deployment, the initiative will establish an integrated ecosystem that includes driver training, battery-swap infrastructure, and digital tools to support efficient fleet operation. A key component of the programme is upskilling local technicians and transforming existing workshops into community social hubs—spaces that generate local income, support EV maintenance, and accelerate the transition toward cleaner transportation at the community level.

As part of P4G's new round of Partnerships accelerating food, water, and energy transitions, this collaboration will receive technical assistance to strengthen its business model and move toward investment readiness. Together, Spora EV and su-re.co aim to advance a more resilient, low-carbon logistics system while contributing to Indonesia's national energy transition goals.

More information about
the green innovation





RESTORING CRITICAL LANDSCAPES IN BALI THROUGH AGROFORESTRY

Severe floods on 9-10 September 2025 left Bali with more than 120 flooded areas and at least 18 fatalities, driven by intense rain due to climate change and poor drainage caused by extensive land conversion. In order to reduce further impact, su-re.co is advancing restoration efforts in North Bali through farmer-led coffee agroforestry, which improves the soil fertility, increase biodiversity, and provides more stable income. By strengthening upstream landscapes, this initiative helps reduce flood pressure on Bali's southern lowlands while supporting resilient, sustainable livelihoods for rural communities.

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 ASEAN FOUNDATION



ASEAN
Social Enterprise
Development
Programme **4.0**

Su-re.co

2ND CO-WINNERS

**ASEAN SEDP 4.0
DEMO DAY**



ASEAN SEDP 4.0

DO-TANK
**ASEAN
SEDP
4.0**

su-re.co won the ASEAN Social Enterprise Development Programme (ASEAN SEDP) 4.0 Regional Workshop in Bangkok, a flagship ASEAN initiative supporting social enterprises tackling social and environmental challenges across the region.

The event provided a valuable platform for collaboration and knowledge exchange, where su-re.co was honored to receive second place at the Demo Day for its innovative contribution to sustainable development.

ASEAN SEDP PROJECT IN SUMBA: SUSTAINABLE BIOGAS INITIATIVES FOR WOMEN AND YOUTH EMPOWERMENT

su-re.co is proud to announce the upcoming launch **“Sustainable Biogas Initiatives for Women and Youth Empowerment in South-West Sumba”** on 18-19 November 2025 under the ASEAN SEDP.

The two-day programme will engage youth and women in promoting clean energy solutions through the introduction of su-re.co’s household biogas technology, complemented by sessions on waste management and sustainable agriculture.

In South-West Sumba, where 77% of families still rely on firewood, women and youth spend hours daily collecting fuel—time that could support farming, education, and other productive activities. This project seeks to address these challenges by demonstrating clean energy solutions, building local capacity, and empowering communities toward sustainable living.

So far, four biogas units have been installed, and upcoming activities will include a Training of Trainers (ToT), focus group discussions, and biogas monitoring. su-re.co’s biodigester technology transforms farm and food waste into biogas for clean cooking and bio-slurry for organic fertilizer, fostering a circular rural economy.





DO-TANK

BIOGAS FOR ALL

Part of IKI Small Grants project

su-re.co has successfully demonstrated the effective use of its newly developed Installation Guidelines for biogas digesters. This achievement was made possible through collaboration with Sedusun, an organisation based in Yogyakarta that supports farmers in food security, agriculture, and community development.

The installation guidelines are designed to make the process user-friendly and accessible—even for first-time installers. Sedusun successfully installed the biogas digester using the new guidelines without direct assistance, marking a significant milestone in empowering local communities with practical clean-energy solutions.

The simplified guidelines represent an important step toward the mass production and wider deployment of su-re.co's biodigester technology. By converting daily farm waste into clean cooking energy and organic fertilizer, the system supports climate resilience, sustainable agriculture, and improved rural livelihoods.



DO-TANK

Census in Rakateda II Village

Part of IKI Small Grants project



As part of our IKI Small Grants project, we recently carried out a practical census training with BPP officers—local agriculture extension workers—in West Golewa Regency, East Nusa Tenggara to prepare for data collection in Rakateda II Village. The training introduced a more detailed household questionnaire that looks beyond basic demographics to include energy use, cookstoves, fuel needs, water access, and financial literacy.



This census will not only help us identify households that could benefit from biogas solutions, but also highlight other areas where support may be needed, such as financial literacy training or related capacity-building activities. Once the data is collected, our team will analyze the results, identify and prioritize the community's needs, and then move forward with implementing biogas systems along with any additional interventions that can strengthen long-term resilience and well-being in Rakateda II.



BE - TANK

A bottle-cap sorting workshop with Sungai Watch clean-up plastics to highlight the challenge of waste sorting

Participating students examined how everyday environmental practices can contribute to broader sustainability efforts across Bali. At Sungai Watch, students observed the operation of river trash barriers designed to intercept plastic waste before it reaches the ocean. They also learned about waste sorting and recycling processes, gaining a clearer understanding of Bali's plastic pollution challenges and the innovative approaches being implemented to address them.

During a visit to Serenity Eco Guesthouse & Yoga, students were introduced to a community-based waste management system. The session included demonstrations of waste segregation practices and showcased how environmentally conscious living, supported by sustainable landscaping and on-site cultivation, can reduce daily waste generation.

The programme continued at Jiwa Community Garden, where students learned how organic waste is processed into compost. This practical activity emphasized the importance of circular systems and the role of soil regeneration in maintaining healthy ecosystems.

The final visit took place in Bongkasa Village, where students participated in a traditional Balinese cooking class as part of a cultural exchange. Using fresh local ingredients wrapped in banana leaves, the experience highlighted how traditional culinary practices can promote sustainability through the use of natural, environmentally friendly materials.

Carrying a tumbler, sorting waste, composting leftovers, planting a tree—simple, but together they create a powerful multiverse of change.



su-re.co recently visited partner coffee farmers in Bajawa, Flores, who are now converting coffee waste into clean cooking energy using su-re.co's biogas technology

The visit focused on learning from farmers, strengthening collaboration, and supporting the development of a circular, community-driven energy system



This initiative demonstrates how sustainable practices can be integrated directly into coffee production

Every cup of coffee plays a part in empowering farmers and advancing clean energy solutions at the community level, turning your daily brew into a meaningful step toward a more sustainable world



Bajawa & Wanagiri Coffee

Make your mornings special with our coffee from Bajawa, Flores and Wanagiri, Bali that cultivated on climate-resilient farms through agroforestry. Each cup offers a rich, subtly sweet, and refreshingly bright taste.



Chocolate Bar

Enjoy your day with a blend of 55% Tabanan cacao and our crushed Bajawa coffee, creating a flavor that reflects the richness of Indonesia's landscapes and the resilience of its farmers. Take a bite to feel the refreshing, crunchy, and dairy-free melt.



Vanilla Beans from Sulawesi

Experience Sulawesi Bourbon vanilla with rich notes of caramel, dried fruit, and warm spices, cured to perfection for a refined flavor. Our vanilla is sustainably grown with care and aged through a traditional two-stage fermentation process for enhanced flavor.



Kenari Nuts from Maluku

Rich in protein and nutrients, kenari nuts are gaining recognition as a new “superfood” with a creamy, buttery flavor. Harvested from the biodiverse forests of the Maluku Islands, in order to support forest conservation and local livelihoods.





SU-re.CO

Sustainability & Resilience

Established in 2014, su-re.co (Sustainability and Resilience) is an environmental Think-Do-Be-Tank based in Bali. Our vision is to be the giftmaker for the earth. To achieve this vision, we set a mission. We deliver well-thought outcomes because we need scientifically proven sustainable and resilient solutions. We work on think, do, be activities together.

Bali, 2025