THINK DO ΒE



**VOL.70** JUNE, JULY, **AUGUST 2025** 



2<sup>nd</sup> Place Winner at ASEAN SEDP 4.0 su-re.co Japan **School Compost Program** 



# Dear everyone

#### Greeting from Bali, Indonesia and Japan

Founded in Bali in 2014, su-re.co (Sustainability and Resilience) is a practical think-do-be tank tackling climate change through research, action, and education. For ten years, we have worked with international partners to promote renewable energy, sustainable farming, and climate resilience.

As we celebrate our 10th anniversary, we are expanding 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.

### Research-driven climate enterprise

CEO: Dr. Takeshi Takama

Office Manager: Ruth Aprilia

Researcher: Fabian Peri Wiropranoto Moch Graha

Sustainability Training Officer: Kadek Cyntia Cahya Wirayani

Forestry Officer: Ditro Wibisono Wardi Parikesit

Engineering Officer: Bianca Angelique

Administrative Assistant: Anak Agung Nila Sukmawati Made Mika Cahyani Dewi

Business Operation and Development Officer: Fathia Aufa Syahidah

Business and Event Mentee Kahoko Shibasaki

**Engineering Mentee** Clara Gloge

Business and Engineering Mentee Sacha Lepers Louane Gilleron

#### **OPERATIONAL OFFICE**

Jalan Dalem Gede No 25, Banjar Jempinis, Pererenan, Mengwi, Badung, Bali, Indonesia

info@su-re.co

+62 8123831727

















#### 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. We also share our knowledge through educational programs, continuously improve our ecofriendly office, "Dojo," and foster a transparent culture.



#### EbA-enhanced Climate Field Schools for Climate Resilience

Upscaling climate-smart coffee production in Indonesia

Global EbA Fund July 18, 2023

# Our Global EbA Fund page is now complete!



Local perspectives on global sustainability standards: Fairtrade and smallholder coffee farmers in Indonesia

Read article 🗹



Enabling ecosystem-based adaptation for climate-resilient coffee farming in Flores, Indonesia

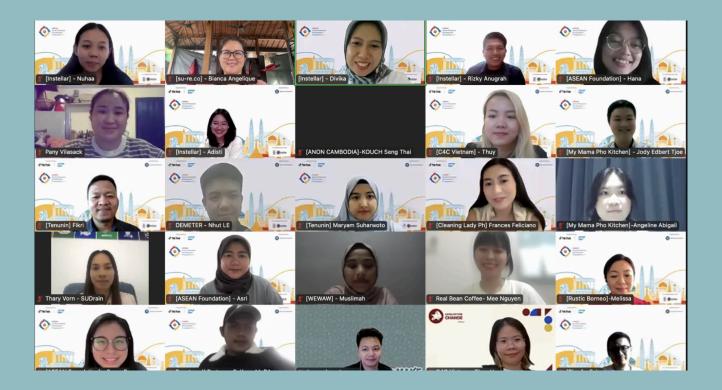


After two years of collaboration with coffee-growing communities in Bali and East Nusa Tenggara (ENT) in Indonesia, EECCLiRe has successfully concluded (2023 - 2025).

Throughout the project, su-re.co (Sustainability & Resilience) together with SEI – Stockholm Environment Institute published reports, briefs, articles, guides, and videos.

The project's main output is a roadmap titled "Brewing Resilience: Insights on Ecosystem-based Adaptation from Indonesia's Coffee Sector," which outlines how EbA and climate-smart practices—like agroforestry and biogas—can be integrated into future field schools.

Check out the page here: https://lnkd.in/gNWEbKbV



### Do-Tank

Since day one, we've been working tirelessly in order to expand our product offerings and make our customers experience even better. We're proud of how far we've come, yet remain committed to performing even better.

Our collections are carefully selected. Delivery options and payment methods generous and flexible. Browse through our product gallery and experience shopping with su-re.co (Sustainability & Resilience) Gift-maker to the Earth for yourself. Please don't hesitate to contact us with questions, comments or suggestions.









## We won 2nd place at ASEAN SEDP 4.0 Sumba project kicks off in September!

We're excited to share that su-re.co has been named a second-place co-winner of the ASEAN Social Enterprise Development Programme (ASEAN SEDP) 4.0 in support to accelerate our clean-energy work. Thanks to this recognition, we'll launch our biogas initiative in Southwest Sumba from September to 30<sup>th</sup> November 2025.



#### What we aim to achieve

- Amplify awareness & behavior change on biogas adoption
- Build inclusive technical capacity for local communities on biogas digesters
- Demonstrate clean energy solutions in Southwest Sumba
- Catalyze local empowerment around clean, reliable energy

#### 67 direct beneficiaries

biogas household members, ToT participants, youth ambassadors, workshop participants

#### ~700 indirect beneficiaries

Kadaghu Tana villagers, Sumba youth community, and our digital audience

# Coffee Story: From May's ash trials to a field-ready mix

In May we explored how adding wood ash can help coffee pulp break down better for creating biogas. Building on that, this quarter we moved closer to field conditions by co-digesting coffee pulp with cow manure and ash. The goal stayed the same as last time: turn agricultural waste into steady, usable cooking gas while creating a nutrient-rich slurry for the garden. (See our May piece, From Coffee Pulp to Clean Energy.)





#### Why this experiment?

This experiment aims to improve daily lives of farmers and find easy-to-implement solutions. For this project we are focusing on areas that grows coffee. Indeed coffee pulp, due to its acidity, may harm the soil during decomposition. In many areas, coffee pulp is left untreated causing a waste problem. This experiment aims to find a new way to use it in order to reduce their impact on crops. For this we tested different concentrations and ratios to find the most optimal solution as biogas feedstock.

#### Our results

The early direction is clear. An even blend of coffee pulp and cow manure, supported by a modest addition of wood ash, shows strong promise for consistent gas production and a slurry for garden use when applied correctly. This is exactly the kind of practical outcome we are aiming for: fewer waste heaps, cleaner surroundings, and dependable energy that reduces reliance on LPG.

#### What's next?

What comes next is validation in real conditions. We will now run the preferred mix in household biodigesters in Wanagiri to confirm the results we've obtain so far.

#### A new beginning in Japan











#### 26 July, 2025

**July 26** marked the official launch of su-re.co Japan. We gathered for the su-re.co Japan Kick-off Meetup to share our mission: bringing climate solutions from Bali to Japan through our Think-Do-Be Tank approach.

The day began with our CEO introducing the core values behind our "Think-Do-Be Tank" approach, followed by a branding session led by strategist Seiji Hariya on how to communicate our mission. Not to mention, our climate-smart product testing experience and discussion towards forward circular collaboration.

This launch also marked the announcement of a related NPO in the works, and the beginning of conversations to introduce Bali-born products to the Japanese market.

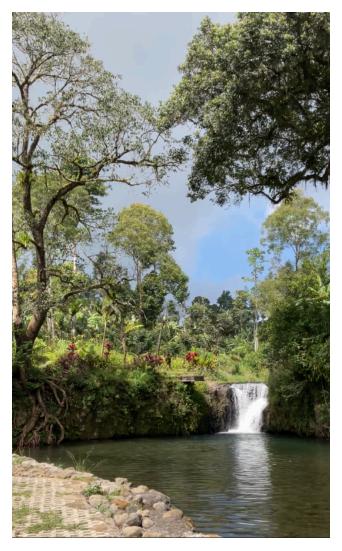
We're just getting started.

su-re.co Japan Instagram



# Wanagiri Nursery Program





#### Seedlings for the future

During the dry season (April-September), coffee farmers prepare coffee seedlings, which will be planted during the rainy season (October-March) as planting seedlings in dry season will decrease the survival rate of the seedlings. The students are helping farmers to make seedlings while learning to recognise what good soil looks like. In total, they made 850 seedlings, which hopefully will be planted in the next 3 months.

#### Good Agroforestry = Good Water Resources

Aside from increasing biodiversity and soil also ensures water health. it vlagus throughout the year. Agroforestry improves management water by enhancing infiltration, reducing runoff and erosion, stabilizina soils. and maintaining streamflow through tree-crop-soil interactions. Therefore, the water resources in Wanagiri Village Forest is available all year long.



THINK - DO - BE | 8

#### **School Compost Program Has Started!**



#### Pererenan School Compost Project: Turning Waste Into Gold

On 19<sup>th</sup> August, two schools in Pererenan Village (SDN 1 Pererenan & SDN 2 Pererenan) have started their compost education program supported by JANUS, Ltd and ISHIBASHI, Ltd. Arising from the concern about environmental pollution around the residential area, waste management is crucial to reduce organic waste spread and turn them into compost which imporve soil health and plant growth.

This event is also attended by the Pererenan village head, academics from Udayana University, and visiting Japanese students. The opening ceremony went well and the elementary students looked enthusiastic to learn and practice composting, and still continue to bring kitchen waste to the compost box. We sincerely hope this program will last and the students are motivated on doing composting as part of taking care of the environment









## Be-Tank

At su-re.co, we continuously practice and improve our "think and do" actions that are scientifically beneficial for society and the environment by implementing our principles in daily basis. With our environmentally friendly office, called "Dojo", we aim to create a transparent culture to establish a "be-tank" in the future and broaden our vision through our international Internship program, SDG trainings and events collaboration with local schools and communities.

7000+ Participants at su-re.co **Related Events and Trainings** 

.....



130+ Lectures on Sustainability



150+ Events on SDGs

1 SDGs Online Lecture 4 Climate Field School

2 SDGs Field Visit

**5.** Research Hosting

3. SDGs Engagement

6. SU-RE.COLLEGE



#### 8 Programs, 113 Changemakers — Together in Bali!



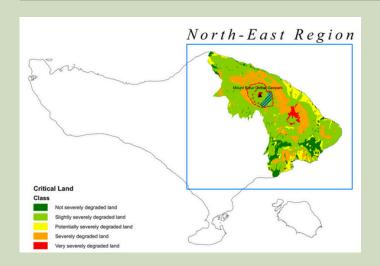
In August, we are assisting 113 participants through 8 different educational programs!

The participants, who come from various schools and universities in Japan, are joining us to learn, connect, and immerse themselves in the culture and beauty of Bali. Throughout the programs, they not only experience local traditions and daily life but also engage in creating hypotheses and discussions related to sustainability.

To enrich their journey, we collaborate with local experts in sustainability here in Bali. This allows the participants to gain valuable insights, exchange knowledge, and explore practical solutions while enjoying a unique cross-cultural experience.

### **Upcoming Program Highlight**

### Strategic opportunities





#### (1.)

#### su-re.co's Restoration Project in Northeast Bali

Restoring 43,000 hectares in Northeast Bali Batur UNESCO Global Geopark through agroforestry and reforestation. This initiative will capture carbon, improve water management, boost biodiversity, strengthen soil health, and providing sustainable income source.





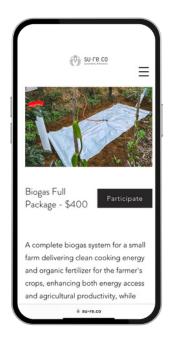
#### 2.)

#### su-re.co's Restoration Project in Northeast Bali

Our locally-made lactose bacteria can provide an organic solution for various organic waste processes, including septic tank odor control, and accelerating composting.

Together, we can improve waste management in Bali by harnessing the power of lactose bacteria.

# su-re.co's Climate Action Donation Platform





Supporting our projects is now as easy as one click.

Simply access the two links below to either donate a biogas digester to a farmer or help us restore Bali's degraded landscapes.

<u>su-re.co/biogas-instalation</u> <u>su-re.co/tree-planting</u>



SU-CE.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.