

su-re.co news

Vol. 63
Sept, Oct,
November,
December 2024

Giftmakers to the Earth

Bali coffee climate week



BIOGAS DIGESTER SIZE
ENHANCEMENTS



THE CLIMATE COLLECTIVE
IS FINISHED



IKI PROJECT LAUNCH



SU-RE.CO ANNIVERSARY

Giftmakers.

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Giftmakers to the Earth

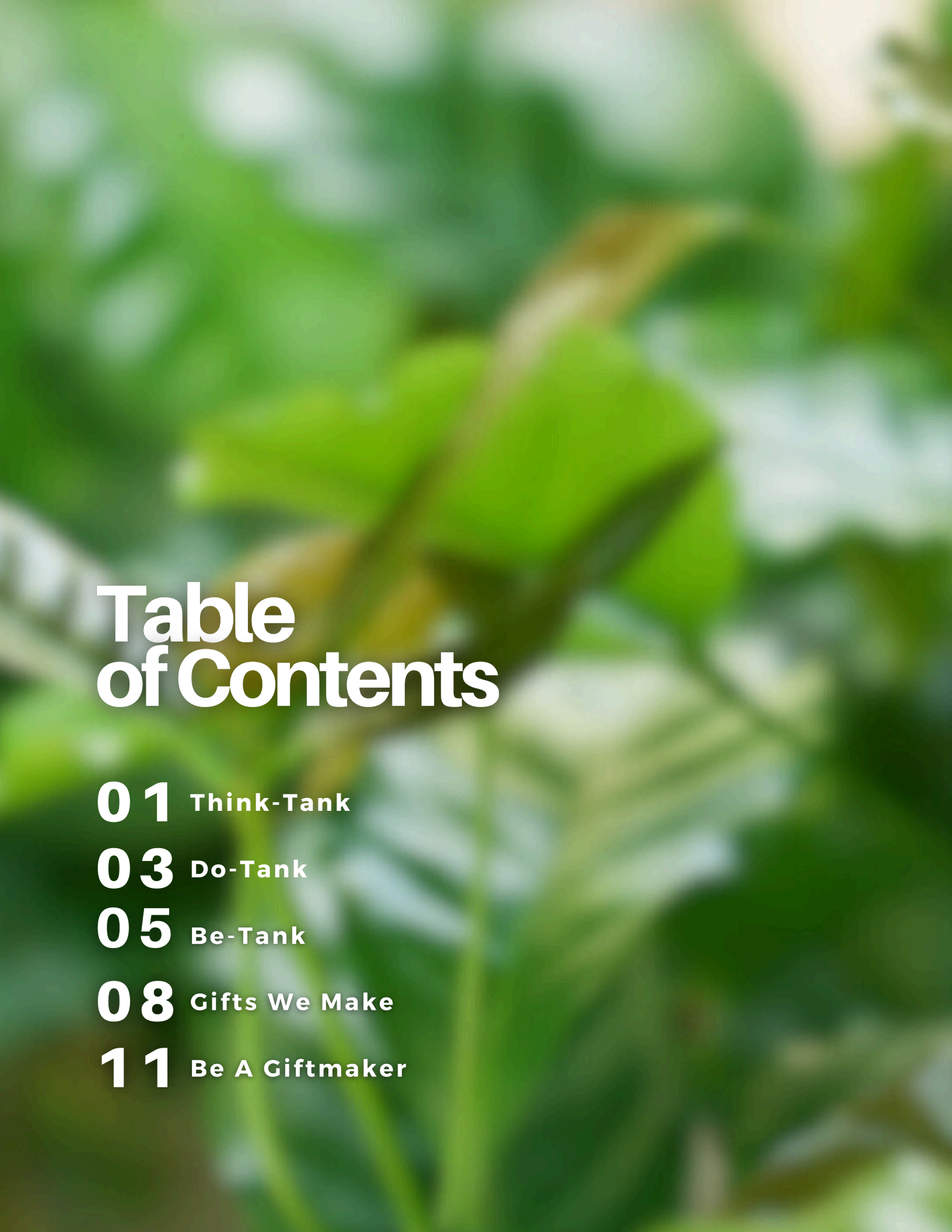


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The climate collective is finished

Celebrating Our Climate Collective's 2nd Round Success!

We're thrilled to share that our biogas project has reached a major milestone! With all seven digesters now up and running, farmers are enjoying the benefits of cleaner, more affordable energy.

A Community-Driven Success

One highlight is the success of the Jembrana community, where farmers, guided by our online resources, installed a digester independently. Another innovative approach involved adding a greenhouse to a digester, boosting gas production even in cooler climates. This adaptability demonstrates the versatility of our system, making it suitable for various farming contexts.

Positive Impacts on Farms and the Environment

Farmers are already experiencing the benefits: reduced reliance on firewood and LPG, lower costs, and healthier soil thanks to the nutrient-rich bio-slurry. Our preliminary calculations also indicate a significant reduction in carbon emissions, contributing to a greener future.

Beyond energy, this project empowers communities through online training, real-time gas monitoring, and skill development. We're committed to continuous improvement, refining our manuals and exploring innovative techniques like introducing special bacteria to optimize gas production.



THINK TANK

IKI's project launch

We are excited to announce the launch of our new biogas project in partnership with IKI. This project aims to provide Indonesian farmers with access to clean, renewable energy by developing a mass production system for biogas, based on a franchise model.



By 2025, we aim to:

- Deploy 80 biogas digesters: Through the development of a mass production franchise model.
- Equip 1500 farmers: By implementing a dedicated monitoring and marketing system.
- Secure financing: By developing a solid financial plan to ensure the project's sustainability.
- Influence policies: By advocating for public policies that favor small-scale digesters.
- Strengthen our internal capacities: To manage and sustain the project long-term.

Interested with
our move ?

Join our team!



A full-time position for Think - Researcher. Are you passionate about research and keen to further develop your skill? This opportunity is the one you're looking for!

su-re.co's THINK-Research team works on creating well-thought gifts in the realm of climate change, renewable energy, and green business. Get the experience to work remotely in a multicultural environment and to work with international experts! Details information can be read on our website.

 **APPLY NOW**

<https://www.su-re.co/su-re-college>

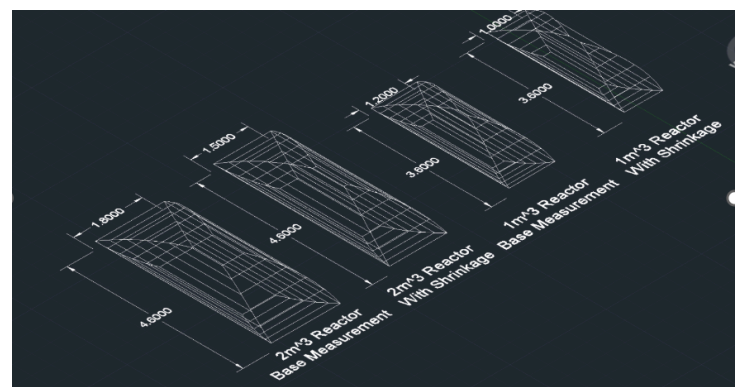


THINK-DO-BE-TANK

Biogas Digester Size Enhancements

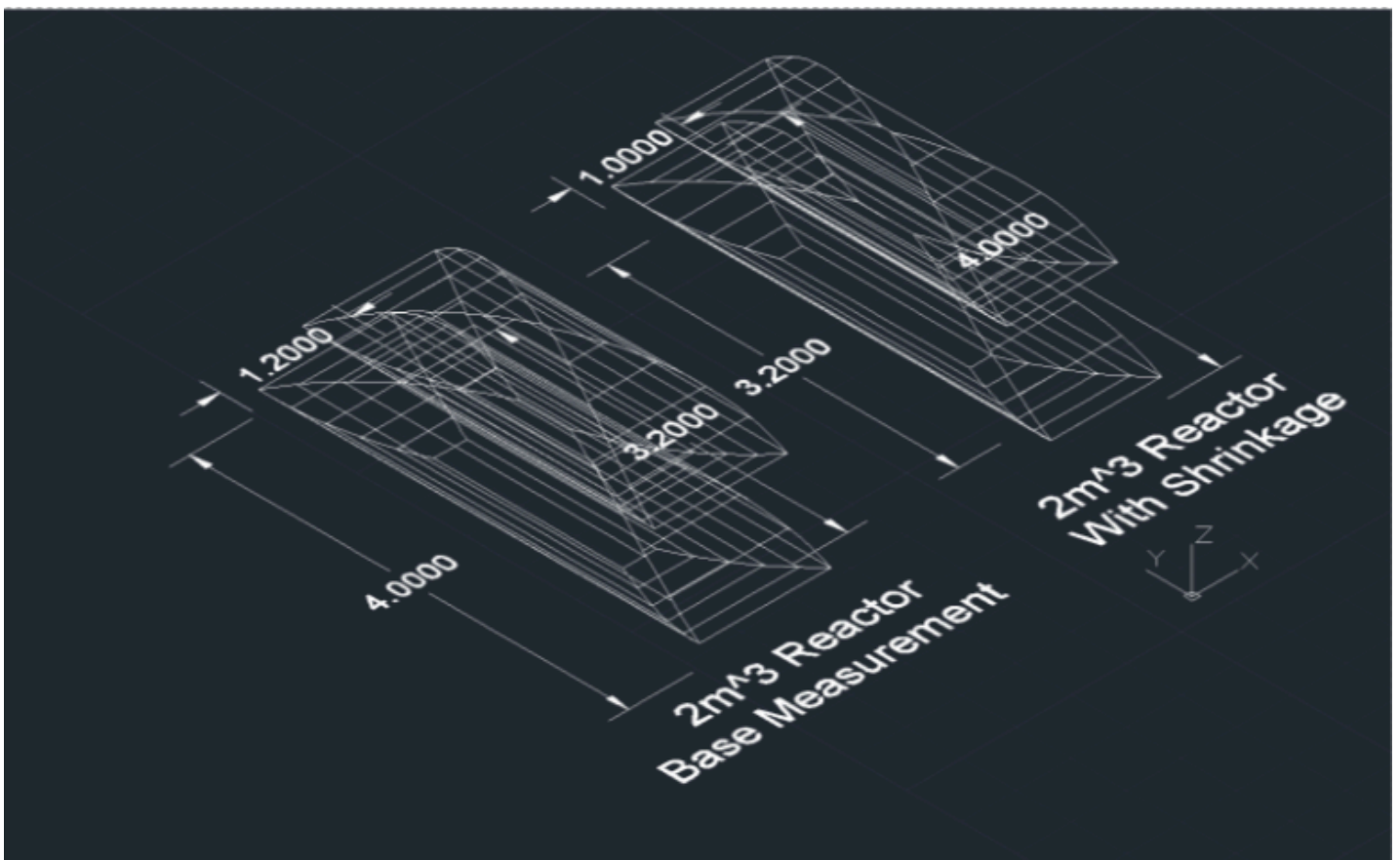
In October we at su-re.co had the opportunity to start brainstorming ways that our biodigesters could provide more gas to farmers on a daily basis. Currently, our digesters can hold around 1 cubic meter of total fluids (approximately 0.66 m³ of slurry, and 0.33 m³ of gas). However, going forward, we would love to be able to provide farmers with a stronger, more consistent flow of gas to their stoves. To approach this goal, we were able to develop two prototypes that hopefully will be able to be used in future projects.

One of the first prototypes (as shown on the left below by a CAD depiction), allows for the 2 cubic meter volume requirements to be met by width and length increases. A size comparison with our current 1 m³ digester is offered on the right. A scaled-up digester with a length of 4.6 meters and a width of 1.8 meters would allow 2 cubic meters of internal volume and consequently, double the gas production.



Volume Enhancement Option 1: Expanded Biodigester (L : 4.6m W : 1.8m)

However, with space requirements set for many of the small farms in Indonesia, the question was asked of how to increase gas storage without increasing the biodigester footprint. To accommodate this requirement, another proposal was offered that included only a small length increase (from 3.6m to 4.0m). The length extension allowed for a slight volume increase, but in order to fully reach 2 m³, an additional, smaller gas storage facility (3.2 m by 1.2 m) was added on top. The upper chamber will collect additional gas which may allow the lower digester to be filled with more organic matter, overall increasing all volume capabilities.



Volume Enhancement Option 2: Stacked Biodigester (L : 4.0m W : 1.2m)

EPCC guideline elaboration for IKI's project

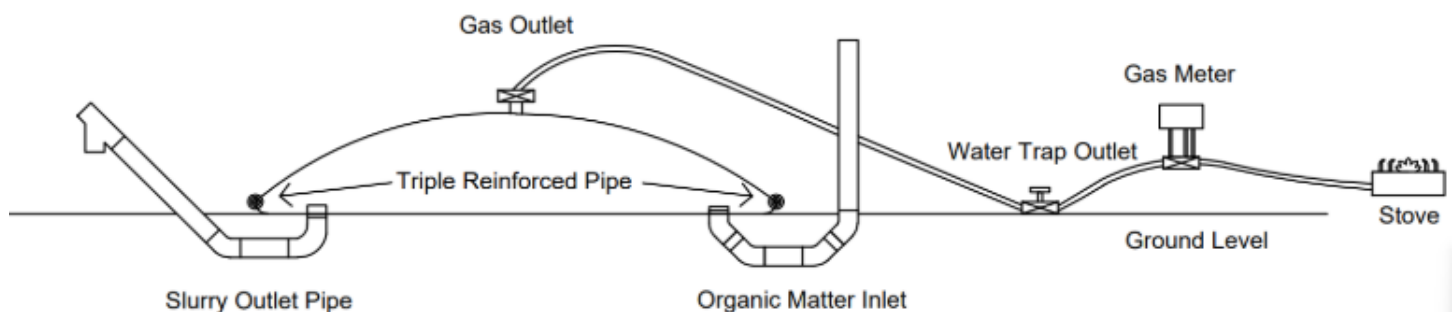
The EPCC guideline is at the heart of our strategy to achieve our objectives. This detailed document will define the standards and procedures to be followed for the design, construction, and commissioning of each digester.

By standardizing processes, the EPCC will allow us to:

- Facilitate large-scale deployment: By creating a replicable and efficient model for constructing digesters.
- Support the development of our franchise network: By providing a clear and precise framework for franchisees.
- Optimize costs: By identifying best practices and avoiding errors.

In essence, the EPCC is the essential tool to transform our ambition of mass-producing biogas digesters into reality.

This approach will not only allow us to achieve our goal of 80 digesters by 2025 but also lay the foundation for a dynamic and sustainable biogas sector in Indonesia.



Bali Coffee Climate week

su-re.co is celebrating a decade of contributing to the environment.

Environmental Impact

 **3.1 Million kg CO₂ e** reduced through biogas adoption

 **43,000 Hectares** of land set for restoration

 **1,700 Trees planted** in the past year

 **50 Tons of organic waste** turned into compost daily

Social Impact

 **25% Women empowered** through renewable energy and agriculture initiatives

 **120+ Direct households** benefited from the program.

 **510+ Indirect households** positively impacted

 **50,000+ People** engaged in sustainable practices and community development

Economic Impact

 **630+ Farmers benefited** from our integrated program

 **20% Increase in farmers income** through optimized productivity

 **IDR 260 Millions** saved by households through biogas adoption

Think-Tank Impact

 **30+ Research and Implementation Project**

 **14 countries Worked**

 **8 Partners and Founders**

Do-Tank Impact

 **120+ Biogas Installed** in Bali, Flores, Java, and Sulawesi

 **35 Sales Partner**

Be-Tank Impact

 **6879+ Participants at su-re.co Related Events and Trainings**

 **130+ Lectures on Sustainability**

 **150+ Events on SDGs**

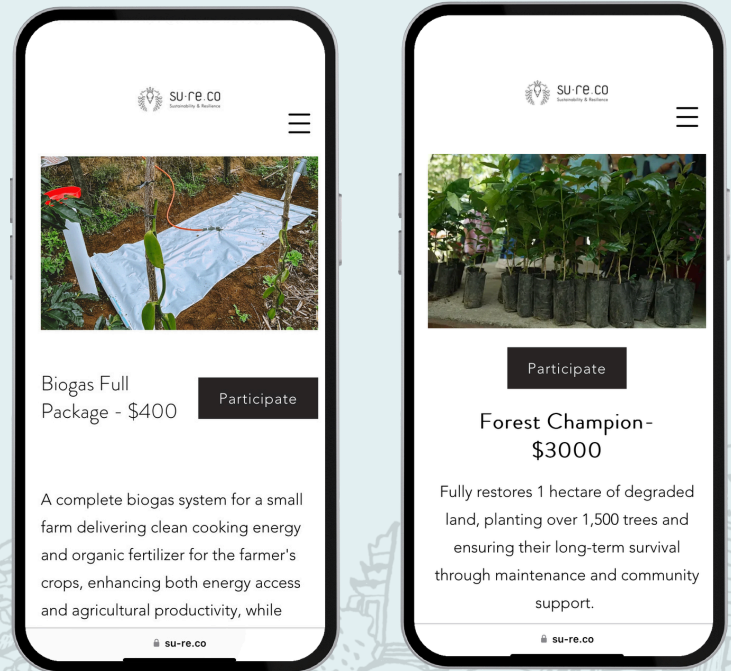
su-re.co's Climate Action Donation Platform

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.

su-re.co/biogas-installation

su-re.co/tree-planting



THINK-DO- BE-TANK

Our CEO's Keynote at the 3rd MICTOPH Highlights Climate Crisis Adaptation

On November 22, 2024, Takeshi Takama had the honor of delivering a keynote speech at the prestigious 3rd Mulawarman International Conference on Tropical Medicine and Public Health (MICTOPH). Organized by Mulawarman University, the event brought together leading experts, practitioners, and visionaries from around the globe to explore the theme: "Uniting Sustainable Future: Mobilizing Climate and Health Equity For Achieving SDGs Target."



Inspiring a Greener Future: Takeshi Takama's Keynote at Go Green Summit 2024

The 11th GoGreen Summit, held on December 13-14, 2024, in Indonesia, was an inspiring gathering of minds dedicated to addressing global environmental challenges.



This event brought together policymakers, world-class experts, passionate advocates, and businesses to spark ideas, build connections, and drive meaningful action toward sustainability.

Takeshi Takama's Keynote Address A standout moment of the event was the keynote presentation by our CEO, Takeshi Takama. His talk, titled "Affordable and Clean Energy: Powering Global Access and Sustainable Agriculture," captivated the audience by addressing the intersection of clean energy and sustainable food systems.

Unlocking the Future: Insights into Indonesia's Science and Innovation Potential

Indonesia, with its demographic advantages and strong economic growth, is making strides in science, technology, and innovation (STI). However, challenges like limited funding, low STEM participation, and weak global collaboration hinder its progress. A new report from JST highlights strategies to address these issues, including boosting research funding, strengthening intellectual property, and fostering Indonesia-Japan partnerships in renewable energy and biotechnology. Explore this analysis to see how STI could transform Indonesia's future.

Read the report bellow:

https://spap.jst.go.jp/investigation/report_2022.html#fy23_rr07_en

BASE's first grant scheme

BASE's first grant supported eight locally-led climate projects, fostering collaboration and actionable solutions. Learn more about the insights and impact below!

Read the report bellow:

<https://biblioteca.avina.net/biblioteca/bases-first-grant-scheme/>



from



excess



to



energy.

Gifts We Make

Introducing the Wanagiri Coffee Series

During Bali Climate Coffee Week (October 23–25), we are pleased to introduce our Wanagiri coffee series—available in a medium roast, and in 250g, 50g, and 10g drip sachets.

Our Wanagiri coffee series is made possible with the help of I Made Darsana, a coffee farmer and member of the area's Village-Owned Enterprise (BUMDes). By working together, we aim to restore the forests of Wanagiri through climate-smart agroforestry, where coffee is grown under the shade of trees. This approach helps expand forest cover and provides a steady source of income for local farmers.

For our Wanagiri coffee series, we offer two processing methods:

Natural Process: Notes of sweet ripe fruit, orange, berries, and raw honey

Full Wash Process: Notes of sweet orange, caramel, and chocolate



When you purchase our coffee or other climate-smart products, you directly support these efforts. We invest a small percentage of our profits in running Climate Field Schools and installing biogas digesters for farmers like Pak Made in Bali and many others across Indonesia.

For inquiries, wholesale arrangements, or retail purchases,

please reach out to us at info@su-re.co or via **WhatsApp** at +62 812-3831-727.

We look forward to sharing this coffee with you.



Find our products

<https://www.su-re.co/our-gifts>

Climate-Smart su-re.cocoa

Bright and fruity character of 65% dark chocolate from Tabanan - Bali with coffee beans inside

50 gr 25 gr



Climate-Smart su-re.coffee Bajawa

A fully washed and medium roasted Arabica from Bajawa, Flores with sweet aromatics, fruity notes, and long chocolate finish

10 gr 50 gr 250 gr

Climate-Smart su-re.coffee Kintamani

An aromatic and sweet flavor coffee with the taste of combination between fruit and herb. Fully washed and medium roasted Arabica from Kintaman, Bali

10 gr 50 gr 250 gr



su-re.college Programme

The su-re.college programme by su-re.co offers students and recent graduates the opportunity to gain direct practical experience with think-do-be operations related to climate change and sustainability issues. This program allows you to get the experience both online and onsite. For those who want to learn and get exposed to real projects related climate change and sustainability issues.

➔ THINK-RESEARCH



su-re.co offers the opportunity to hone research thinking and skills while applying it to a real world context engaging with various stakeholders such as governmental bodies, research institutes and local communities.

➔ DO-BUSINESS



su-re.co offers a great opportunity to hone communication, business and design skills while developing green business to a real-world context with various organizations, communities, and government institutions.

➔ DO-ENGINEERING



Through this programme, su-re.co offers the opportunities for young generation to exercise their communication and management skills to solve energy-related issues in in poor and emerging economy context like Indonesia.

➔ BE-EVENT & TRAINING



su-re.co offers you the opportunity to apply your knowledge directly to our local and international partnership to community and improve transversal training and communication skills – communication, project management, public relations, etc.

HOW TO APPLY?



VISIT OUR WEBSITE

<https://www.su-re.co/su-re-college>



PAY ATTENTION TO

Eligibility & requirement



FILL IN THE FORM AND UPLOAD THE REQUIRED DOCUMENTS

<https://www.su-re.co/su-re-college>

NOTE

- Programme duration: 3-6 months
- Application will simply not be processed if there are missing documents and if instructions are not followed.
- Only shortlisted applicants will be contacted



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, 2024