

Giftmakers to the Earth

## Climate Field Schools in Bali

BIOGAS INSTALLATION FOR  
COMMUNITIES AND FARMERS



Exporting  
Kenari & Du Anyam



# Giftmakers.

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THINK-TANK

# Agroinsider, Our Partner for Climate Field School



**A**groinsider is a Portugal-based company that promotes sustainable agriculture through a remote sensing web-based application. Together, we are interested in helping farmers through the Climate Field School (CFS).

With satellites, we can observe farm and agriculture performance in several ways. Fundamentally, the Web app identifies chlorophyll intensity and water stress data. In turn, we can also view deforestation and afforestation areas. The information can be given to farmers to learn and improve their agriculture practices and apply land-based mitigation techniques.

During the CFS, we presented the Web app to the farmers and walked around the site to validate the data by capturing some photos as evidence. Farmers were interested in learning how this tool can help them increase the value of their products. Through the app, we were able to see areas that were dry and also well-maintained areas. Hopefully, this long-term collaboration can bring an impact on the farms.

Join our  
**THINK –**  
Research Team



A full-time position for Research Assistant. 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 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**









DO-TANK

## Exporting Kenari & Du Anyam

To optimize the market expansion, we collaborate with other sociopreneurs in Indonesia. Sincere Garden is one of the organic stores in Tokyo, Japan, looking for Kenari Nuts and Wicker Products from Indonesia. They've been selling our su-re.coffee and using our coffee beans for their cafe au lait. To keep supporting our programs in installing Biogas Digester and conducting Climate Field School for Farmers in Indonesia, we found another collaboration, Sincere Garden, through the sales of Kenari Nuts and Wicker Products.

We prepared to export 30 Kg of su-re.coop Blanched Kenari Nuts from Maluku to Japan together with our existing partner, Sinar Hijau Ventures. By collaborating with Sinar Hijau that works with indigenous communities in Maluku, we also contribute to the development of sustainable agroforestry supply chain in Maluku.

For the Wicker Products, we are working together with Du Anyam, who are working closely with some talented women artisans in rural areas around Indonesia with the goal of economically empowering and improving the health of these women artisans. We sent various types of wicker products to Japan.

This is an excellent opportunity for us to introduce socially impactful products from Indonesia. By collaborating with Sinar Hijau and Du Anyam, we can mutually support each other's social and environmental activities.





DO-TANK

## Biogas Installation for IDEP Foundation

We don't only install our biogas for farmers, but it is also possible for an institution or an organization to install our biogas. One example is IDEP Foundation. The purpose of this installation is to become a showcase and learning tool for everyone who visits IDEP Foundation. One biogas with a customized size was designed to fit at IDEP Foundation headquarter. Usually, our biogas is 1 m<sup>3</sup> in volume, but due to the smaller space available at IDEP Foundation, we designed smaller biogas with a volume of around 0.7 m<sup>3</sup>.

Although the volume is smaller than the usual biogas, the gas produced is enough for everyday use at IDEP Foundation headquarters. They use the fire to boil some water for coffee or to cook some simple food. The bio-slurry from this biogas system is then used to fertilize the garden at IDEP Foundation. The staff fills the biogas using the cow manure of the one cow they have.

Interested in owning a biogas digester? Don't hesitate to reach out to us!



DO-TANK

# Biogas Installation for farmers in Mendoyo

After the biogas explanation at Climate Field School in Mendoyo, some farmers were interested in installing biogas at their houses. Now, there are two biogas digesters installed in Mendoyo. One is at Kadek Wiyasa's house and another at Eka Putra's. Both of the farmers are cacao farmers.

Kadek Wiyasa used to be a tour guide in Bali. Since covid-19 struck, he couldn't keep the job. He decided to go back to his village and become a farmer. Now he has a cacao farm and some pigs. The installed biogas helped him reduce the cost of buying LPG and fertilizers. Kadek Wiyasa uses pig manure to fill the biogas.

The second farm where we installed the biogas is Eka Putra's place. The biogas is filled with pig manure. The fire is used mainly by Eka Putra's mom to heat some water. The daily usage is still short, but hopefully, it will grow over time.

Hopefully, these biogas digesters will become the tools to help farmers reduce the cost of paying LPG and/or finding firewoods.





BE - TANK

# Biogas Visit with Kyoto University

We have been working with some Professors from Kyoto University. This month, we finally get to meet our research partners, as they can visit Bali, together with a coffee trader company in Japan called Ishimitsu. We held a one-day field visit to see the coffee plantations and su-re.co biogas digesters. We went to Catur, Kintamani, for this field visit. First, we went to the biogas digesters place to see the condition of the biogas installed and talked to the head of the subak. Next, we went to a coffee plantation where we did a coffee tasting or cupping.

One of the Kyoto University Professors, Prof. Ohgaki, is doing research about the socioeconomic impact of using biogas in Indonesia. During the one-day field visit, he observed Biogas beneficiaries on the condition before and after the Biogas usage. This observation result will later support Prof. Ohgaki's result even though he still needs to collect more information from the beneficiaries. We will collaborate by continually gathering the data from the farmers we work with.



BE-TANK

# SEA MORNING SHOW

SEA TODAY NEWS



On July 26th, we were invited to the SEA Morning Show. The team from SEA is interested in our activities and programs that are related to climate change adaptation and mitigation in Indonesia. In this session, they highlighted the topic about "Facing Climate Change in Indonesia" and how we run our programs.

Our CEO Takeshi Takama shared and updated about our progress on some of our programs. He shared how Think-Do-Be tanks work and what we currently do with some farmer communities in Indonesia. You can watch the full version of su-re.co session on SEA Morning Show on youtube; Here's the link!

[https://linktr.ee/su\\_re.co](https://linktr.ee/su_re.co)



BE-TANK

## G20 side event: Meeting of Agricultural Chief Scientist (MACS)



The annual "Meetings of Agricultural Chief Scientists of G20 States (MACS-G20)", which have taken place since 2012, are based on an initiative of the agricultural ministers of the G20 States to address central questions in the fields of agriculture and nutrition, which are too great to be solved with only national efforts, to better coordinate agricultural research systems and to seek and apply common solutions strategies. This year, the meeting was held in Kuta, Bali, Indonesia.

Through the connection of agricultural technology assessment centre Bali Province (Badan Pengkajian Teknologi Pertanian Provinsi Bali), su-re.co got an opportunity to display the Biogas Digester and farmer's products in a 3x1m exhibition stand. su-re.co giftmakers invited the beneficiary and farmers' collaborators also to show their products, such as Sandan Natural, Rimbawan, and MAUKAMI.

Many delegates enjoyed our booth and even said it was a highlight. Hopefully, we can engage with more international researchers in the upcoming G20 events.

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based on a decision of the German Bundestag

BE-TANK

# Climate Field School in Mendoyo

Through the IKI Small Grant Project, su-re.co held a Climate Field School (CFS) with cacao farmers in Mendoyo, Bali. We strengthen capacity building with the Indonesian Meteorology, Climatology, and Geophysical Agency (BMKG) and agricultural extension worker from Assessment Institute for Agricultural Technology (AIAT) Bali to teach farmers about reading the climate data and digester usage. The goal is that farmers are well-informed on climate change and conserving biodiversity by using our biogas digester and its organic fertilizer by-product.

The CFS was attended by 20+ farmers from several cooperatives. We started with a field visit to one of the cacao farm nearby and identifying core problems that existing. Then, farmers consulted with the AIAT Bali for defining the action plan to tackle the problems based on climate and weather forecasting data provided by BMKG. Also, AIAT Bali shared about Trichoderma as one of the solution for managing the pest and diseases of cacao trees. Finally, su-re.co introduce the biogas digesters that attracted some farmers to install at their home or farm. All participants were very enthusiastic!





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BE-TANK

# Climate Field School in Melaya

We conducted our second climate field school in July at Melaya - Bali with the cacao farmer community called Cipta Gemilang. More than 20 farmers attended this CFS and have various types of cocoa on their farms. Due to unpredictable weather, Cipta Gemilang farmers found difficulties in harvesting and maintaining crops. During the CFS with BMKG and local agricultural extension workers, the farmers were actively participating and willing to learn how to monitor the changing weather and adjust to farming practices.

One of our agendas in CFS is introducing a biogas digester to the farmers. Most Cipta Gemilang farmers are interested in installing biogas digester. Currently, our engineering team are preparing to install more biogas in Melaya since the farmers are enthusiastic about utilizing biogas as one of the good agricultural practices.



“With a long dry season and high intensity of rain, it causes damages to our cocoa plants. During CFS I received lot of information about climate and now I can control the schedule of farming practices.”

**Ni Nyoman Suardani**

Farmer in Melaya, Jembrana  
Participant of Climate Field School 2022

# Gifts We Make

Get a taste of our climate-smart products from Indonesian farmers using organic fertilizer and clean energy from our biogas

## 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

250 gr    50 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 Kintamani, Bali

250 gr    50 gr



Find our product

<https://su-re.co/things-we-make/>



# Gifts We Make

## *Climate-smart Cookies*

Get a taste of our climate-smart products from Indonesian farmers using organic fertilizer and clean energy from our biogas

### **su-re.coop Kenari Cookies 100 gr**

Sweet biscuit with a fairly soft and chewy texture and containing pieces of brittle Kenari Nuts. Our ingredients are natural and organic



### **su-re.cookies Gluten Free 100 gr**

Flat baked pieces that are made with gluten-free grains with su-re.cocoa chips inside. Our ingredients are organic and natural.



Find our product

<https://su-re.co/things-we-make/>



## Organic Products

We also provide nuts, beans, and spices that is also supporting the development of sustainable agroforestry value chains

### Climate-Smart Dried Vanilla Beans 1 Kg

Organic grade-A prime vanilla beans from Jembrana-Bali offer beautiful floral aroma and cherry-chocolate like flavor



### Climate-Smart Cloves 1 Kg

100 % natural and high quality cloves from Leihitu Barat, no use of pesticides or fertilizer

### Climate-Smart Kenari Nuts 1 Kg

Organic rich buttery taste and complete protein nuts originate from Maluku



Find our product

<https://su-re.co/things-we-make/>




[APPLY NOW](#)

WE ARE HIRING

# Be A Giftmaker

su-re.co's be-team is looking for a communication officer who will support in maintaining su-re.co communication with public through social media (Facebook, Instagram, Twitter LinkedIn), email, newsletter and contact database.

## Communication Officer

Part-Time

This position will support our current research projects (TIPPING+ and LANDMARC) such as writing papers, proposals, analyze data other relevant assistance, that is mainly focused on clean energy transition and land-use mitigation technology

## Researcher

Full Time

This position will assist in various do-business activities of su-re.coffee, su-re.cocoa and upcoming products. su-re.co offers a great opportunity to hone communication and design skills while developing green business in a real-world context with various organizations, communities, and government institutions. We are looking for a driven person with the ability to perform tasks independently.

## Green Business Developer

Full Time





# 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
- Registration fee \$20 & the programme fee \$200 for international applicants.
- FREE for Indonesian applicants.
- 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 2015, 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, 2022