SIRD #81
SOCIAL INVESTMENT ROUNDTABLE DISCUSSION

Social Investment Indonesia

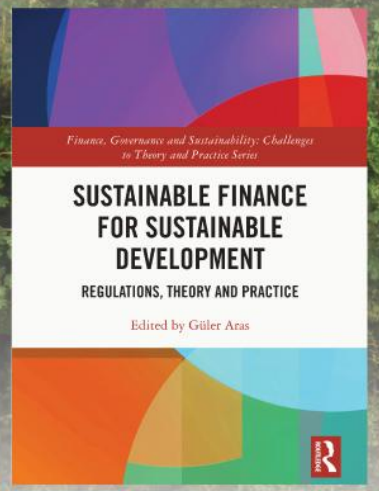
FREE

DAPATKAN GIVEAWAY !

# Refleksi atas Laporan Sustainable Development 2025:

## Optimalisasi Pembiayaan untuk Pembangunan Berkelanjutan

**Resensi Buku:**






**Setyo Budiantoro**
*SDGs Manager of Economic Development Pillar*
Kementerian PPN/Bappenas



**Arief Fatullah**
*Head of HSE*
Great Giant Foods



**Jalal**
*Chairperson of Advisory Board*
Social Investment Indonesia

**Host:**



**Peggy Arnolia**
*Senior Consultant*
Social Investment Indonesia

**Jumat, 4 Juli 2025**

15.00 - 17.00 WIB

s.id/daftarSIRD81

Via zoom @SocialInvestment_Id

socialinvestment.id

0812-3383-8463





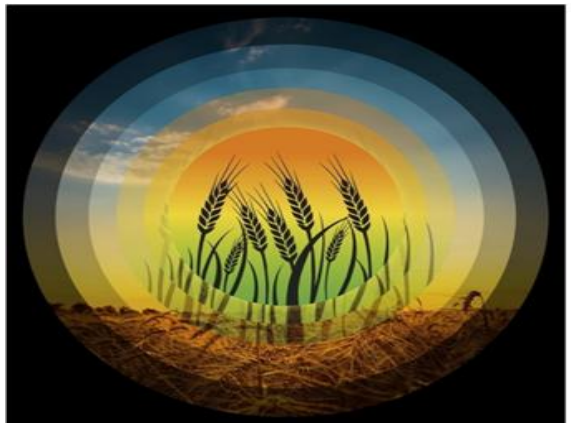


# Great Giant Foods

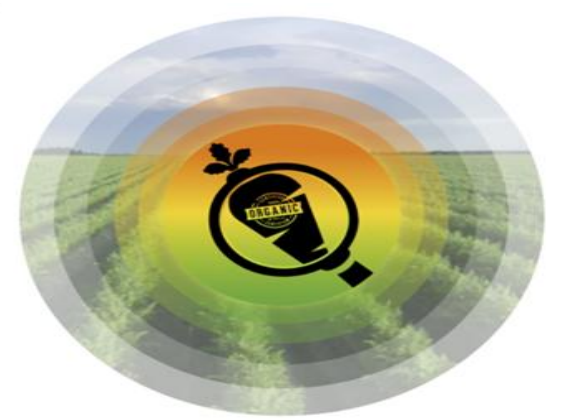
# Integrated Operation for Sustainable Agriculture

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# Redefining Food Industry



The global food system transformation



Future of Food: Responsible Production



The future of fresh



Future of Protein



Plant-based alternatives




Future of Food - Young Gen perspective



Blockchain technology



The future of fresh food supply chain

# Great Giant Foods

Nourishing people's live with quality foods produced in sustainable and innovative way

## Great Giant Pineapple

CONTAINERS

**17.000**

Exports 17,000 containers of canned pineapples & fresh fruits anually

**1:4**

1 in every 4 canned pineapple in the world come from GGP

Aims to have
**ZERO WASTE**
through it's green products

Exports to more than
**65**
COUNTRIES

Plantation size in
**34,000 ha**
Almost half size of Singapore

the **LARGEST**
Cavendish banana plantation in Indonesia

Duta

### Sewu Segar Nusantara

Provides high quality fruits to consumers through more than **22,000 retail outlets**



## Great Giant Livestock



has a capacity of cattle annually **100.000 fattening and dairy** with Brand Bonanza Beed and Hometown Dairy




A Pioneer in
**PREMIUM HEALTH**
Food And Beverages




## GGF International



## Bromelain Enzyme

## Setia Karya Transport

### NUSANTARA SEGAR ABADI

The only highland premium banana Cavendish producer in Blitar and Bali Indonesia



### UJA

Tapioca business which operates in Lampung and has an annual production capacity of 80,000 tons.




Sunpride
Oriji
Sunpride
MANIS HONI
Sunpride
Golden Pineapple
Sunpride
Pandan Cocopride
Sunpride
LYFE
BEEF BBQ
Sunpride
LYFE
Sunpride
LYFE
Sunpride
LYFE
HOMETOWN
FRESH MILK
HOMETOWN
FRESH MILK
HOMETOWN
FRESH MILK
HOMETOWN
FRESH MILK
LOB
HIDROPONIK
LOB
Liquid Organic Biofertilizer
Sunpride
100% JUICE
Sunpride
100% JUICE
Sunpride
100% JUICE
Sunpride
100% JUICE
Sunpride
100% JUICE
Sunpride
TROPICAL FRUIT SALAD
Sunpride
PINEAPPLE
Sunpride
PINEAPPLE
TEPUNG TAPIOKA
NATIVE TAPIOCA STARCH
CAP
KODOK
Berat Bersih/Netto : 50 kg
Diproduksi oleh :
PT. UMAS JAYA AGROTAMA
LAMPUNG TENGAH 34165 - INDONESIA
BPOM RI MD : 230008003026



# Our **Vision**

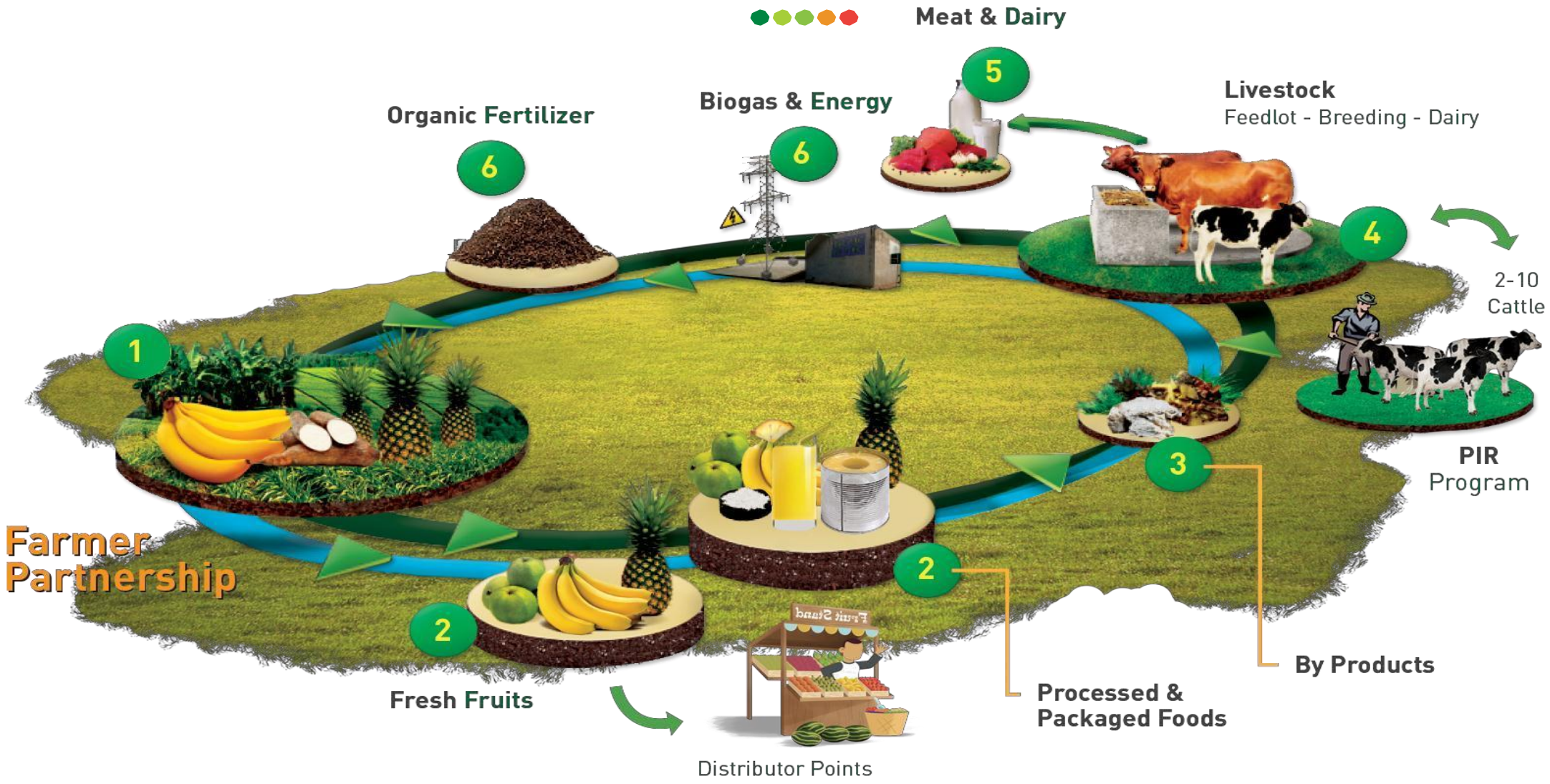
**Nourishing People's Live with Quality Foods Produced in Sustainable and Innovative Way**

# A Tradition of **Fundamental**

Our farmer are blessed with land, vegetation and cattle and they has begun the concept recycling long before it became known. With organic fertilizer from cattle, packing of good with bamboo bark, banana leaves, and teak leaves. However, tradition has also givem way to modern industialization with the use polyethylene bags. ZERO WASTE is a tradition close to the Heart of our farmers

# FOOD & ENERGY ESTATE

Sustainable Integrated Farming Model

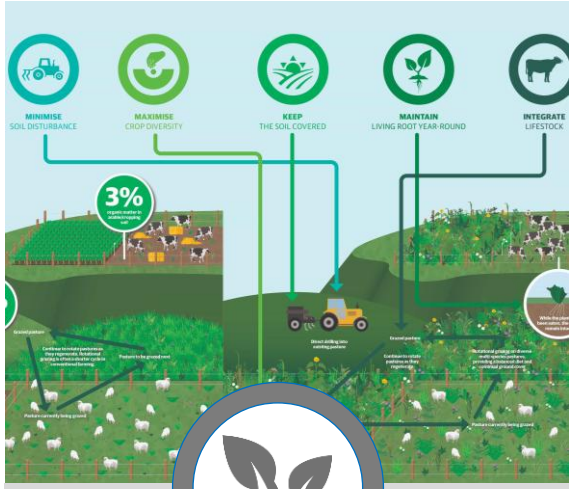


# **Great Pledge:** Four Pillars of GGF ESG Journey



## Climate Resilience

Strive for minimizing environmental impact and actively protect the health of our planet




## Regenerative Agriculture

Preserve our natural resources and extend sustainable agriculture to create a resilient landscape




## Circularity

Create a competitive difference through implementation of green practices



## Community

Improve livelihood in people and communities as we grow our business



CSV Program

[CSV]

# Creating **Shared Values** Program

Through the CSV program, GGP is committed to create mutual benefit, be it economic value as well as social with the community, especially farmers. We implement partnerships by providing coaching, mentoring, and provision of seeds in order for farmers to be able to generate quality

We purchase the harvest of our farmer partners at a reasonable price. By implementing CSV, the company is benefited by the quality fruit supply from our farmers, and farmers receive benefits in the form of economic improvement, as well as a healthy society and environment.

**We partner with local communities in our areas of operation to improve their livelihood, education and healthcare.**

**We also construct vital infrastructure to help achieve the United Nation's Sustainable Development Goals.**





01

## Local Fruit Farmers & Cavendish Banana Partnership



At PT Great Giant Pineapple, we are committed to empowering local farmers who partner with us by creating shared value program (CSV) that has enhanced our competitive advantages while also advancing the communities in Tanggamus Regency, Lampung Province. This partnership program with local farmers in cultivating local fruit and the need for fresh fruit cultivated by farmers. The success of the program has led us to replicate it in other regions.

One of our programs is cavendish banana partnership with farmers of Jembrana, Sukabumi, Garut, Blitar, Ponorogo, & Bener Meriah. We implement partnerships by providing coaching, mentoring, and provision of seeds in order for farmers to ensure efficient farming and quality products. We purchase the harvest of our farmer partners at a reasonable price. We establish contractual cooperation with local farmers, guaranteeing their produce.



02



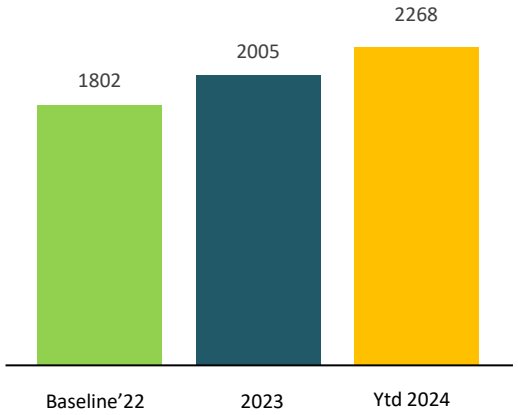


## Cattle Farmers Partnership

PT Great Giant Livestock partners with 650 stock farmers that manage 5,000 animals in 20 districts in Central Lampung Province. To reduce waste and to help the government in making Indonesian cattle industry selfsufficient, we have integrated our cattle and waste management. The by-products of our pineapple production are used as cattle feed.

# Community Partnership

**Number of Community Partnership**
(total Person)




**16**
SMEs

**±54,7** Ton
Absorption of Food Loss & Waste (Pineapple & Banana) In Lampung Area during 2023

| | | Beneficiaries (person) | Coverage | Welfare Creation |
|---|---|---|---|---|
| Farmers Partnership | Papaya Community Partnership | **53** | **200** Ha | **1,5** Mio/Month |
| | UJA cassava farmer partnership | **68** | **437** Ha | **1,6** Mio/Month |
| | Local Sourcing & Contract Grower | **1.685** | **1.454** Ha | **2,5** Mio/Month |
| | GGL PIR | **330** | **1.830** Head | **3** Mio/Month |
| Comdev Based Partnership | Pineapple Jam | **10** | **710** Kg/Month | **8,4** Mio/Month |
| | Pineapple Chip (group) | **5** | **1** Ton/Month | **5** Mio/Month |
| | Banana Powder | **10** | **N/A** | **N/A** |
| | Banana Chip | **10** | **1,4** Ton/Month | **5** Mio/Month |
| | Maggot (group) | **6** | **N/A** | **3** Mio/Month |
| | Pallet (group) | **6** | **N/A** | **122** Mio/Month (omzet) |
| | Sewing Partner | **85** | **N/A** | **25** Mio/Month (omzet) |

# GREAT Indonesia:
## Stunting Prevention & Employee Wellness Program

## 1 Coverage Area



**PT Great Giant Pineapple**
Terbanggi Besar Lampung Tengah

- Karang Endah
- Indra Putra Subing
- Bandar Jaya Barat
- Nambah Dadi
- Ono Harjo
- Mujirahayu
- Terbanggi Besar
- 26 Lampung Utara
- Gn Batin Udik
- Mataram Udik
- Ramayana
- Buyut Udik
- Pujoasri
- Putra Lempuyang
- Internal Housing

2019 - 2024

**41** Villages in Lampung Tengah – Lampung Utara

**58** Pre School

**5.774** Total Beneficiaries

## 2 Deliverables

**12 Green House**
As support activity of vegetable garden

**8 Ton**
Banana Underspecs Deliver to the children

**8.300 Lt**
Fresh milk deliver to the children

**18 Unit**
WASH facility

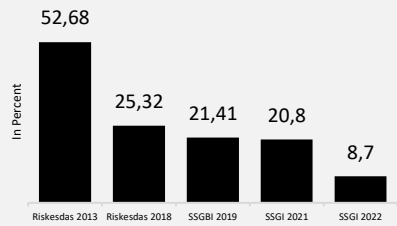
**15 Unit**
Posyandu

## 3 Program's Impact

**0,7kg** Increase in average **weight** of children (beneficiaries)

**3cm** Increase in average **height** of children (beneficiaries)

**45%** Reduction in stunting cases within the **internal** housing of GGF. From **55** Cases into **30** Cases




Reduced the prevalence of stunting in **Lampung Tengah**

3 KEHIDUPAN SEHAT DAN SEJAHTERA

4 PENDIDIKAN BERKUALITAS

5 GENDER EQUALITY

8 PEKERJAAN LAYAK DAN PERTUMBUHAN EKONOMI

# GROW GREAT FUN



Employee Benefit

## Facility

- Housing
- Sport Center
- Clinic Pratama & Lab Utama
- School
- Koperasi
- DLL

## Program

- Employee Welness Program
- Flexibel Benefit
- Green Human Resources
- GGF Volunteer club
- Dll

## Education Program

- LEAP
- LEAD
- Ganesha
- Internship
- Colaboration with University
- Scholarship

## Community

- Runner
- Volunteer club
- Sport Club
- IIK GGF





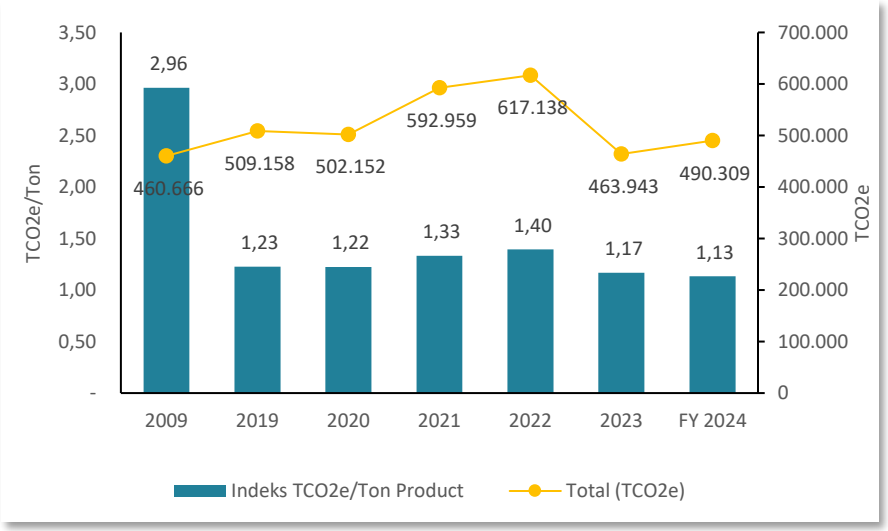




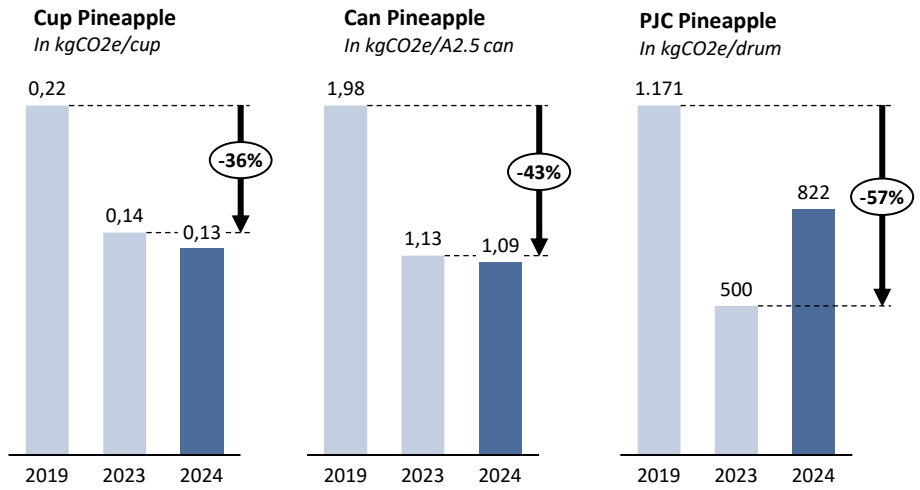
**PROGRAM APPROACH**
**BODY AND SOUL**

# Climate Resilience: Carbon Reduction Journey

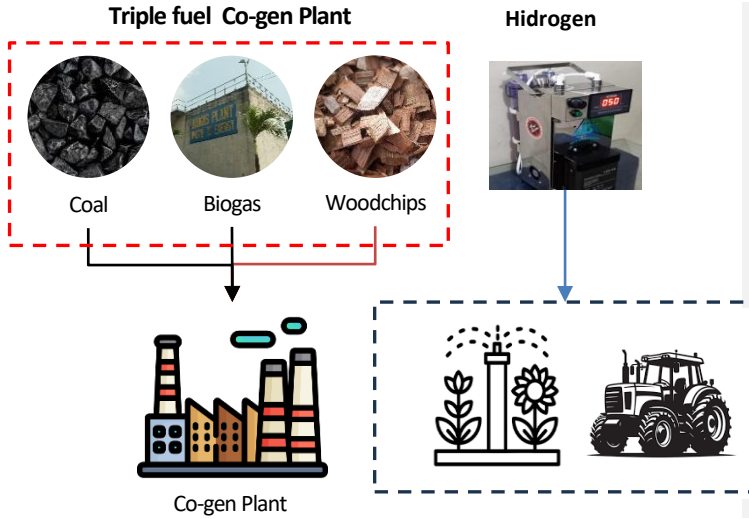
## 1 GGF's Absolute and Intensity Reduction Journey




## 2 Carbon Footprint of Three Main Product

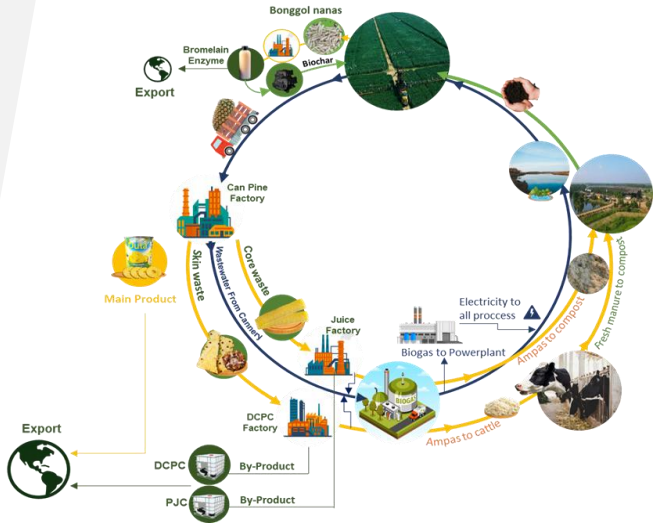



## Emission Reduction Innovation




### Scope 1

- Energy Management Implementation
- Energy Saving Program
- Renewable Energy (Biogas)
- B35 Diesel Fuel Usage
- Urease inhibitor
- Minimum Tillage



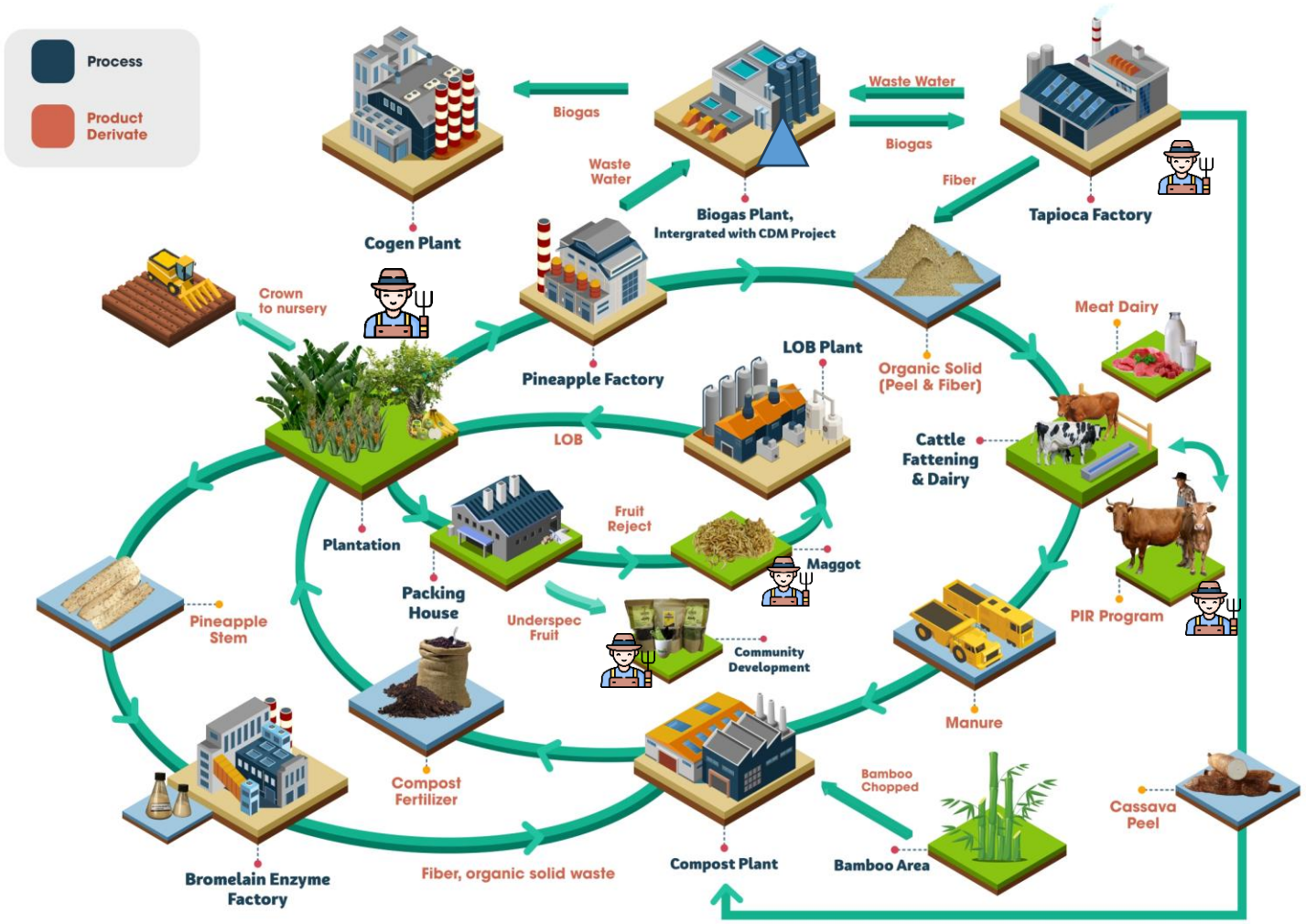

### Scope 2

- Energy Campaign & Improvement

### Scope 3

- Vendor Management

# GGF Circular Economy Model





Cogen Plant


Pineapple Factory


Biogas Plant


Plantation


Tapioca Factory


LOB Plant


Compost Plant


Packing House


Bromelain Enzyme Factory


Bamboo Area


Cattle Fattening & Dairy




## Manfaat secara umum

1. Mengoptimalkan penggunan material
2. Mengelola sampah yang dihasilkan
3. Menciptakan nilai tambah
4. Peluang kerja bagi masyarakat
5. Mematuhi peraturan pemerintah

# Regenerative Agriculture in a Glimpse

Regenerative agriculture is a holistic **farming approach** focused on improving **soil health**, increasing biodiversity, and **restoring ecosystem** functions. The goal is to create sustainable and productive farming systems that not only yield crops but also contribute positively to the environment.

***Mindset shifting***

*Degenerative Agriculture*

Globally, 70% - 75% of land is degraded

Reduce Damage

*Sustainable Agriculture*

Maintaining the system without damaging it

Improve

*Regenerative Agriculture*

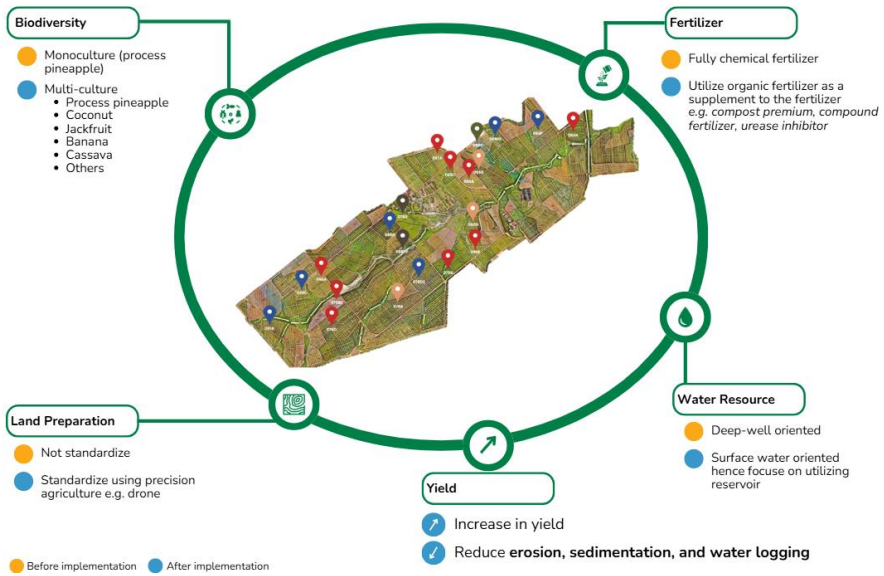
Restoring the ecosystem to enhance productivity

***Management shifting***

*Crop*

*Ecosystem*

## Regenerative Agriculture Impact and Benefit




**Benefit**

**Key Pillar**

### Climate

- **Reducing carbon emitted** from heavy machinery and fertilizer
- Opportunity for **carbon sequestration**

### Biodiversity

- More **diverse crop**
- **Preserve** flora and fauna to be in natural habitat

### Soil

- **Preventing** soil degradation
- **Improves** soil fertility

### Water

- **Efficient** water usage
- Avoid **water scarcity**

### Outcome

- Process **efficiency**
- Improve crop **yield**
- Reduce **cost**
- **Climate** resilience



Great Giant Pineapple

# Biodiversity Conservation

GGP is commited to continously preserving biodiversity around our operational areas as part of our responsibility to mitigate potential impacts of our operations.





GGF is enhancing its dedication to preserving biodiversity near its operational zone through the development of an Ecosystem Conservation Work Program and a Wildlife Conservation Work Program. These initiatives include conservation efforts engaging the local community and educational campaigns to increase awareness among residents about safeguarding biodiversity and ecosystems in their area.

### No Deforestation

GGF restricts the logging of natural trees and the destruction of forested areas near operational zones. This guideline extends to trees within garden spaces, offices, and employee living or accommodation areas.

### Prohibits Hunting of Rare Animals and Plants

GGF explicitly forbids engaging in hunting, provocation, capturing, or selling of wild animals within the vicinity of the plantation. Any breach of this regulation will result in sanctions as outlined in the policy.

### Bio Pest Management

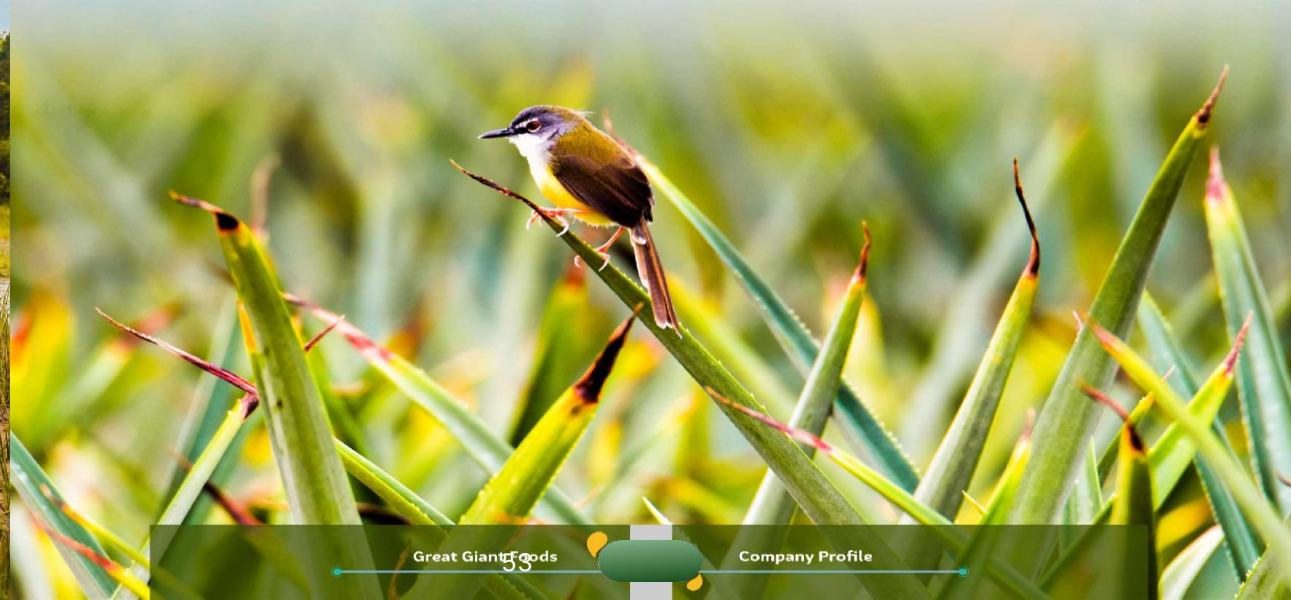
GGF bans the utilization of explosives and harmful substances for pest eradication, aiming to both thwart the destruction caused by these methods and shield the environment from their detrimental effects.

### Protecting Ecosystem Sustainability

GGF safeguards the natural habitats within its operational zones, providing protection for endangered flora and fauna.

### Protecting Keeping Wild Animals in the Company Area

GGF restricts the upkeep or growth of native plants and animals in the Company's operational zones.



# Implementation of Precision Agriculture

## Plant Protection

### Land Design
The location design uses DSM technology and Water Logging to determine the exact location of waterways to reduce standing water when it rains

### Intercropping
Planting different types of crops that complement each other to increase soil fertility, reduce the risk of pests and diseases, and increase yields

### Harrow Insecticide Sprayer
Increase the effectiveness of tillage and insecticide application by ensuring effective and efficient pest control

## Nutrition

### NDVI - Drone
Can identify plot areas with low plant growth rates making it possible to organize specific and efficient protection and nutrition

### TDS dan VAT Boom Sprayer
With proper fertilizer mixing, precise settings such as nozzle wing height, pressure, appropriate application speed, the boom sprayer can spray nutrients evenly throughout the plant.

### Digital Inspection Tools
Provides fast and accurate information about the nutritional needs of plants and allows taking appropriate actions according to plant needs

## Water Availability (Irrigation)

### Increase Coverage Irrigation [ On Dry Season ]
Addition and deepening of Lebung, and addition of irrigation equipment to increase coverage from 70% to 74% by the end of 2023

### Lagoon Volume Measurement
Drone Boats can map the depth, area and volume of bubbles to help monitor and manage the environment

### Sensor & IoT
Sensors to monitor soil moisture, temperature and water demand, to provide accurate irrigation recommendations

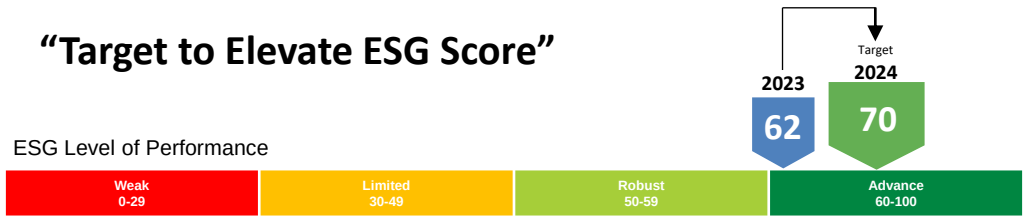
## Farm Management System

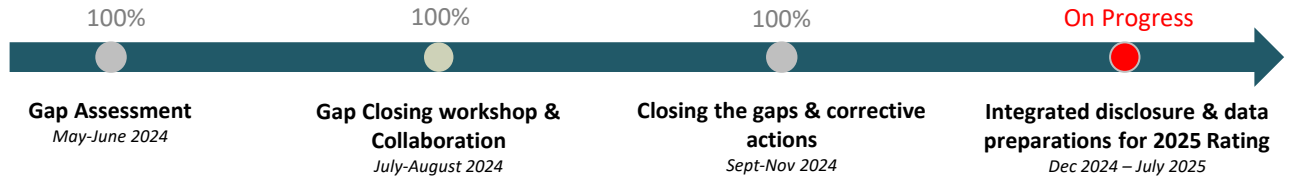
### Agriculture Intelligence Dashboard
Provide Early Warning on plant conditions and diseases, and as a Decision Support System (Traceability, Analysis, and Monitoring)

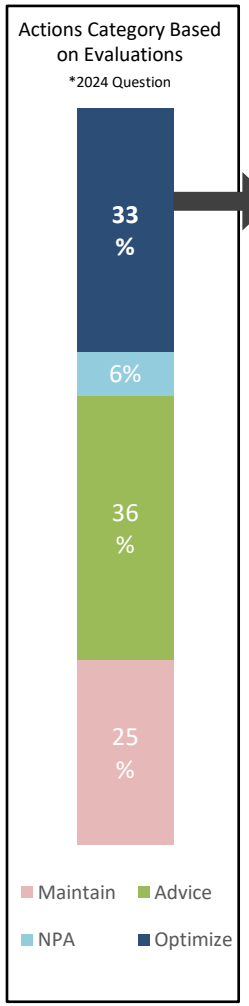
### Field Maintenance System
Plant care recommendation system based on data and information collected from various sources to provide simulations and predictions of plant costs and yields

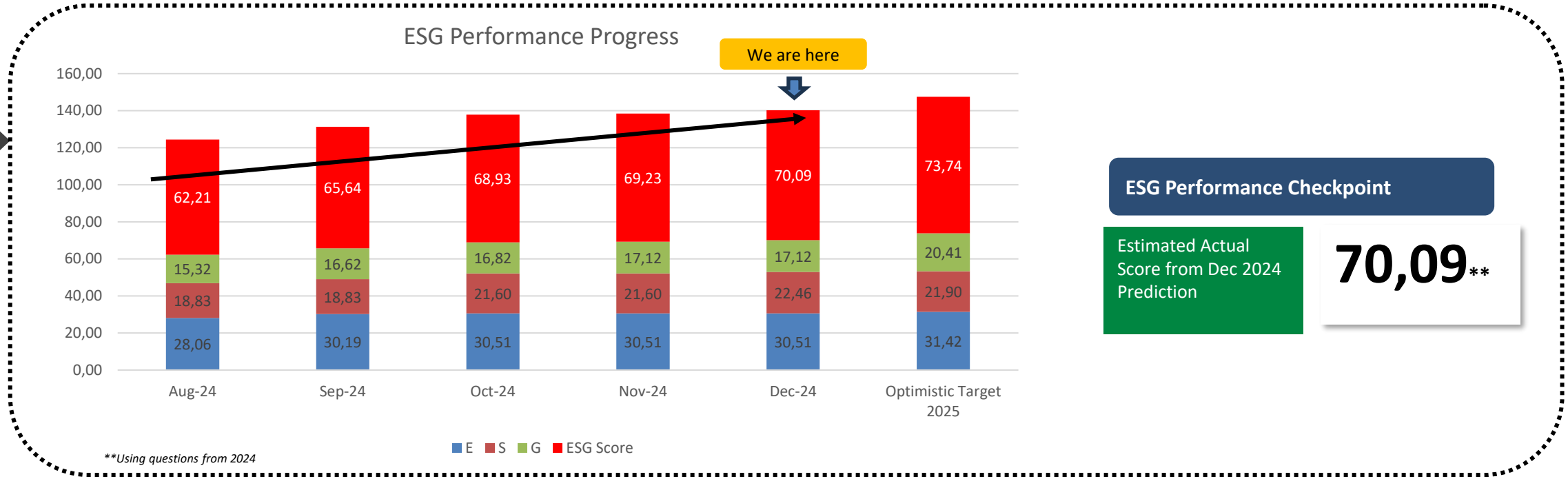
# **Bridging the Gap:** Enhancing ESG Score Closing Strategies for Future Performance

## "Target to Elevate ESG Score"




**ESG Performance Checkpoint**

Estimated Actual Score from Dec 2024 Prediction

**70,09****

**Gap-Closing Accomplishment Progress 2024**

Disclosure Channel

- ☐ **Go Live New Sustainability Page** (Dec'24 – Aug'25)
- ☐ **Sustainability Report** (May 2025)

ESG Additional Report

- ☑ **Environmental Docs (4/6)**
  Biodiversity, Energy, Waste, Water
- ☑ **Social Docs (1.5/3)**
  Human Capital M (Type of performance appraisal), Human Rights
- ☑ **Governance Docs (4/6)**
  Risk & Crisis Management, Business Ethics, SCM, Tax Strategy

ESG Policy Update

- ☑ **Enviro Policy (5/5)**
  Environment, Waste, Biodiversity, Sust. Raw Materials
- ☑ **Governance Policy (3/3)**
  Business Ethics, SCM, Tax

**ESG External Posting**

Impression On Social Media

**421** Likes

**321** Likes


Thank You