



# Reducing Food Loss and Waste Through Actionable Solutions and Measured Impact

*Business Case from Nutrifood*

## NUTRIFOOD'S JOURNEY TO OVERCOME FOOD LOSS AND WASTE

Nutrifood, as a health food and beverage manufacturer that has been operating for 45 years, has been running efficiency programs since the beginning, including **reducing food waste along the supply chain**.

Since 2000, Nutrifood has partnered with organic waste processing partners, starting in 2017 implementing **RECP (Resource Efficient and Cleaner Production)**, and partnering with food banks since 2018. To date, Nutrifood has partnered with **7 food banks** and **10 organic waste processing partners** throughout Indonesia.

“Nutrifood is committed to reducing food loss and waste (FLW) along the supply chain with the aim of increasing resource efficiency, reducing FLW-related emissions, and contributing to the achievement of the Sustainable Development Goals, especially target 12.3. Responsible Production & Consumption and target 2.2. Zero Hunger. We continue to expand collaboration and public education regarding the importance of reducing FLW, so that the impact is even greater.”

**Angelique Dewi**  
Head of Sustainability Nutrifood

## STEPS TAKEN BY NUTRIFOOD

Nutrifood's journey is based on the realization of the importance of managing the long-term impacts of the company's operations. Steps taken by Nutrifood in FLW management:

1. **Identify FLW generation areas** along the supply chain.
2. **Increased awareness** of the importance of FLW management for the company and the environment, both for internal employees, external partners, and consumers/public.
3. **Internal and external collaboration** for FLW management reduction and optimization:
  - a. Implementation of the **First-In-First-Out (FIFO)** system to prevent waste and product damage
  - b. **Production machine optimization** to minimize product waste on the production line
  - c. **Product shelf life optimization** to minimize product waste in distribution lines
  - d. **Distribution of surplus food/products** to employees and vulnerable communities through *food banks*
  - e. **Processing of damaged/expired products** through organic waste management partners into animal feed, fertilizer, or biodiesel

4. Improved Monitoring and Evaluation since joining GRASP 2030 and receiving training from Waste Resource Action Program (WRAP), a pioneer in global FLW calculation:

- **Development** of FLW reduction baseline
- **Periodic data collection** to monitor consistent FLW reduction
- Learning from **global best practices** to improve FLW management optimization



Donate milk to the community via Aksata Pangan



Milk donation to school via FOI

### IMPACTS ACHIEVED & LESSONS LEARNED

Supporting more than **1,200 communities** and reducing carbon emissions by **more than 4,850 tons CO2eq**. Limited partners and security in FLW management, especially for national distribution outside Java, were the main challenges.

Through IBCSD's **GRASP 2030** initiative with the **Target-Measure-Action (TMA)** approach, Nutrifood can **contribute to global issues** and improve food security for optimal redistribution. GRASP 2030 provides a **multi-stakeholder platform to find the best partners** with third-party monitoring, **supporting healthy and responsible collaboration**. The more committed companies like Nutrifood, the greater the national and global impact.

Through better FLW management, Nutrifood believes that the **industrial sector has a strategic and important role**, not only in **reducing environmental impacts**, but also in **supporting food security and improving access to nutritious food**; this is in line with its vision and mission, which is to inspire people to live healthier lives.

NUTRILUNCH		
PESAN MAKANAN		
Senin, 21 Agustus	Selasa, 22 Agustus	
Pesanan Anda: Tidak Pesan	Pesanan Anda: Tidak Pesan	Pesanan: Tidak Pesan
<input type="checkbox"/> Tidak pesan	<input type="checkbox"/> Tidak pesan	<input type="checkbox"/> Tidak
<ul style="list-style-type: none"> <li>Lucia Catering-Menu A</li> <li>Nasi Putih</li> <li>Ayam Becek</li> <li>Pelcing Kangkung</li> <li>Cah Tauge Kacang</li> <li>Tempe Bacem</li> <li>Sambal</li> <li>Buah</li> </ul>	<ul style="list-style-type: none"> <li>Lucia Catering-Menu A</li> <li>Nasi Putih</li> <li>Ayam Lada Hitam</li> <li>Ongeng Temeng Cabai Hijau</li> <li>Sup Bunga Koi</li> <li>Telur Omelette</li> <li>Sambal</li> <li>Buah</li> </ul>	<ul style="list-style-type: none"> <li>Lucia</li> <li>Nasi Putih</li> <li>Gulung</li> <li>Opor Telur</li> <li>Ongeng</li> <li>Sambal</li> <li>Buah</li> </ul>
<ul style="list-style-type: none"> <li>Lucia Catering-Menu B</li> <li>Nasi Putih</li> <li>Empal Cabai Merah</li> <li>Pelcing Kangkung</li> <li>Cah Tauge Kacang</li> </ul>	<ul style="list-style-type: none"> <li>Lucia Catering-Menu B</li> <li>Nasi Putih</li> <li>Ikan Fillet Asam Manis</li> <li>Ongeng Temeng Cabai Hijau</li> <li>Sup Bunga Koi</li> </ul>	<ul style="list-style-type: none"> <li>Lucia</li> <li>Nasi Putih</li> <li>Pepes Ayam</li> <li>Urap</li> <li>Tumis U</li> </ul>

Portal pre-order Nutrilunch



Lunch donation via Foodcycle

#### About GRASP2030, IBCSD, and WRAP

**GRASP 2030** offers signatories a collaborative platform to take measurable action in reducing food loss and waste (FLW), while strengthening their contribution to sustainable food systems in Indonesia. By joining, businesses gain access to shared knowledge, technical guidance, and partnerships that support their FLW reduction journey. Initiated by the Indonesia Business Council for Sustainable Development (IBCSD), which has championed the fight against food loss and waste since 2018, GRASP 2030 invites companies and supply chain actors to take voluntary action with real impact. The program is delivered in partnership with WRAP, as a global NGO that aims to cut waste out of our global food system and make it more sustainable.

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To find out more, visit <https://grasp2030.ibcsd.or.id>