Break-down of food loss & waste volumes

Breakdown percentage %	Tuna business	Shrimp business	Sardine, Mackerel, salmon etc.	Others e.g. ingredient, flour, vegetable etc.	Thai Union Average
Animal feed	93%	100%	93%	100%	94%
Composting	0%	0%	3%	0%	0%
Input for production of other products, e.g. tuna oil and tuna bone calcium	6%	0%	0%	0%	5%
Incineration with energy recovery	0%	0%	0%	0%	0%
Other alternative use	0%	0%	4%	0%	0%
Landfill	1%	0%	0%	0%	1%
Incineration without energy recovery	0%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%

[1] Zero food loss sent to landfill to our five major facilities

How can we measure and track our food loss

Thai Union systematically measures food loss across key business units—including Tuna, Shrimp, Sardine, Mackerel, Salmon, and others—using a standardized, weight-based method at each facility.

Food loss is directly weighed in kilograms (KG) and categorized by end-use, such as animal feed, composting, co-product production, energy recovery, other alternative uses, and landfill.
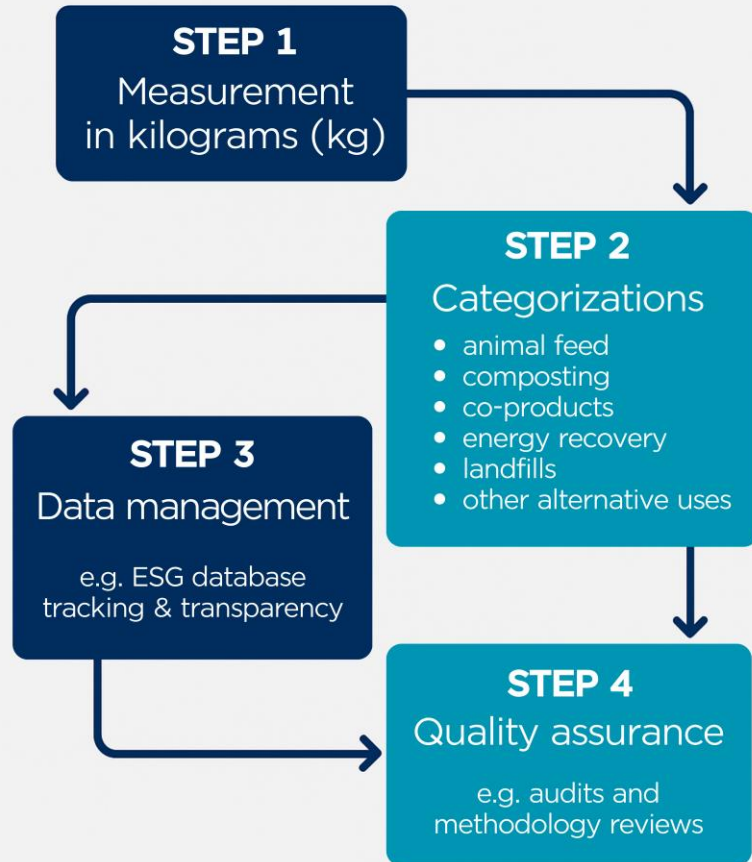
All data is centrally managed in our ESG database, enabling comprehensive tracking and transparency across our operations. To ensure data accuracy and continuous improvement, we conduct annual food loss audits and review our data collection methodology regularly.

In 2024, these robust systems enabled us to repurpose 94% of food loss as animal feed and limit landfill disposal to just 1%, with zero incineration without energy recovery.

This process supports our commitment to achieving zero food loss to landfill[1] by 2030, fully aligned with global sustainability reporting standards.

Food loss audit and tracking process

Food loss tracking & management

Step 1 - Measurement in kilograms (KG)

Step 2- Categorization such as animal feed, composting, co-products, energy recovery, landfills, other alternative uses

Step 3- Data management e.g. ESG database tracking & transparency

Step 4 - Quality assurance e.g. audits and methodology reviews