



HUMAN CAPITAL × AI

The UNSDG Sustainable Business Challenge

Powered by SEL. Co – created by AI. Designing human-centered solutions for global sustainability

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Good food deserves
Another Bite

DID YOU
KNOW

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



By 2030

- Cut food waste and food loss.
- Halve the amount of waste per person.
- Reduce food lost on farms, in storage and in transport



BUSINESS + REVENUE

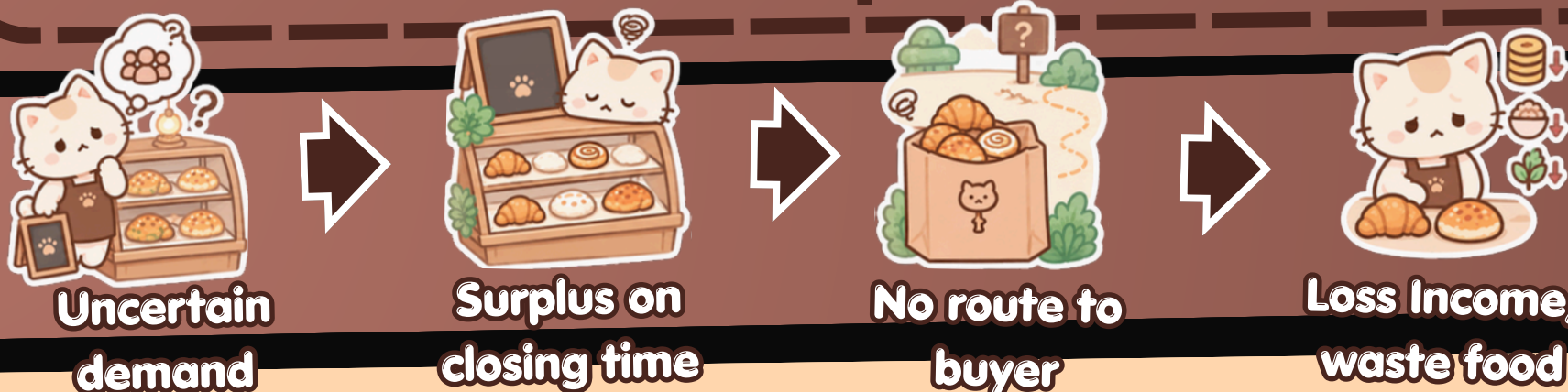
The public gets good bakery food at a fair price, bakeries earn from unsold food, and campuses get a food-rescue programme for their students.

Revenue stream	How it works	Why they pay
Bundle sales (core) 	Three items for NT\$80. The bakery receives 70% and MongBite keeps 30%. The mix depends on available stock and dietary needs; vegetarian items are sold individually.	Buyers pay less than the bakery's shelf price. Bakeries earn from food that might otherwise be lost.
Bakery partner fee (proposed) 	Once sales begin, a small monthly fee is deducted from the bakery's share.	Bakeries gain extra income and new customers. The service can operate without this fee.
Campus partnership (proposed) 	Campuses pay MongBite to run pop-ups at events, such as orientation or exam weeks.	Campuses get a food-rescue activity and results to report. The service can operate without this income.

Bundle sales cover the basic costs, while bakery fees and campus partnerships provide extra financial support. A handover pack helps each new team continue the business smoothly.

OUR SEL SOLUTION

MongBite partners with local bakeries to give good unsold food a second chance. Our team collects it at closing, checks every item against set rules, and sells it near campuses and at campus events.



CASEL Competency	Human-Delivered Operational Mechanism	Value Created
Relationship Skills 	Bakery Handover (Connector): We confirm ingredients, storage and cutoff time at pick-up. Buyer Conversation (Seller): We ask about diets and swap unsuitable items.	Accurate information; concerns solved on the spot
Responsible Decision-Making 	Item Decision Rule (Checker): We accept items only when the bakery confirms ingredients and handling. Anyone can reject, even at the cost of a sale. Event Review (Reflector): We record how many bakery items were collected, sold, shared, rejected, and left unsold after reject event. The team reviews these results to identify what went wrong and makes one specific improvement for the next event.	Safer, consistent choices; better every event



AI X TEAM REFLECTION

AI helped us generate options. We decided what was safe, workable and worth building. We asked AI to stress-test our food-waste idea for Taiwan. It helped by suggesting the bundle and it also helps with generating some of the posters elements/images it also helps with our video

Segment	AI Output / Blind Spot	Our Correction
1. Problem	AI kept European bakery studies as our evidence.	We replaced them with Taiwan sources, because our problem is local.
2. Solution	AI proposed a mystery bag with unseen food.	Allergies, lactose intolerance and no-pork diets make unseen food unsafe, so we chose a pick-your-own bundle.
3. Business	AI treated NT\$40 single items as a discount and counted on university sponsorship.	Convenience-store pastries start around NT\$25, and a campus has little reason to fund a stall already on campus. We changed the pricing and the revenue streams.

Team Reflection: Student A led the concept of MongBites, how it works, and the revenue, Student B led the CASEL SEL concept and video for the presentation, we discussed many problems that reflect us as students especially students that might find it hard to get food at cheaper price so we decided on MongBites



南臺科技大學
Southern Taiwan University of Science and Technology

SCAN TO WATCH
Our 3-4 minute
presentation

