HUMAN CAPITAL × AI

The UNSDG Sustainable Business Challenge

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

Room to Breathe

4B265004

4B265011

ROOM TO BREATHE TAIWAN

Consent-led home organizing and reuse

Your Home. Your Decision. Our Support.

-Homes
-People
-Choices
-Brighter Days

A SAFER, MORE COMFORTABLE HOME CAN HELP PEOPLE DO WHAT THEY LOVE.

THE NEED

Some older adults and caregivers may need support managing belongings.

20 caregivers described decluttering challenges for older adults with dementia. [1]

60.4% of 1,212 older adults' homes found home hazards, but did not link them to clutter. [2] Taiwan guidance flags blocked routes as possible fall hazards. [3]

This evidence does not mean all older adults need this service, and local demand and willingness to pay are untested.

OUR SERVICE



Talk — Listen to goals and concerns.

Choose an Area — Start small, together.

Sort Together — Look at each item and discuss options.

Confirm Each Choice — Recident decides.

Route Only Approved Items — No item leaves without permission. If unsure, it stays.

RESPONSIBLE DECISION-MAKING

SEL

- The resident decides what to keep, repair, resell, donate or recycle.
- We listen and support, never remove items.
- If the resident is unsure, the item stays.
- The goal is a safer, more comfortable home, with space for the things that matter.

SDG 12.5

Reduce waste through prevention, recycling, and reuse. Residents choose whether to keep, repair, resell, donate, or recycle items. We'll track their destinations before claiming waste reduction. [5]

BUSINESS MODEL

Beneficiary: Older adults who choose support

Possible payer: Older adult or caregiver, with the resident's knowledge and consent

Revenue: Session fee + optional, disclosed handling or coordination fee

Costs: Organizer time and training, travel, supplies, transport or partner fees, insurance, and administration

Potential partners: Community organizations, dementia support groups, second-hand shops, charities, and authorized recyclers

PILOT MEASURES

- Resident-reported control and satisfaction
- Items and weight directed to reuse, donation, or recycling
- Caregiver-reported usefulness
- Consent or safety concerns

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Conducted background research, aligned the project with SDG 12.5, and Oral Presentation Video Production	Led the poster design and visual layout, and contributed to the team's design-thinking process.

Shared: Refine the project, verify sources, review AI suggestions, and approve final claims.



AI COLLABORATION

- **TEAM USE**: compare concepts, map requirements, find evidence gaps, draft demand questions.
- **SERVICE PROPOSAL:** AI formats large-print checklists and public reuse, donation, recycling options by item type. Human checks current options; resident decides.
- **BLIND SPOT:** may generalize dementia evidence or list outdated options. Team narrows claims and checks sources. No client details or home photos. AI never decides an item's route or value.

1. Lin et al. (2025), caregiver challenges study
2. Huang (2005), Taiwan home-environment study
3. Taiwan Ministry of Health and Welfare (2013), fall-prevention guidance
4. Taiwan Ministry of Health and Welfare (2018), dementia-friendly home guidance
5. United Nations, SDG 12

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SCAN TO WATCH
Our 3-4 minute presentation

QR code for video