Annual Report
on SDG2 Zero Hunger

2.5 National Hunger

2.5.1 Does your university as a body provide access on food security and sustainable agriculture and aquaculture knowledge, skills or technology to local farmers and food producers?

Thaksin University recognizes food security as a fundamental element of sustainable development and aligns its mission closely with Sustainable Development Goal 2 (SDG 2): Zero Hunger — to end hunger, achieve food security, improve nutrition, and promote sustainable agriculture. The university acknowledges that food security is not only about providing sufficient food, but also ensuring safe, nutritious, and sustainably produced food that supports community well-being and long-term ecological balance. To achieve this, Thaksin University has integrated food security and sustainable agriculture into its institutional policies, covering education, research, community engagement, and innovation. These efforts are part of the university's broader policy direction that emphasizes the use of science, technology, and innovation to strengthen local communities and regional food systems. The project uses technology to develop food products and disseminates knowledge to local innovators as follows:

Project on Thaksin University Partners with Mae Khri Subdistrict Municipality to Promote Healthy Aging and Sustainable Community Economies through the "Happiness @Home" Project

Date: December 23, 2025

Location: Mae Khri Subdistrict Municipality in Tamot District, Phatthalung Province

Public Evidence : https://sdg.tsu.ac.th/detail.php?id_list=1487&aNum=20260105110702



Thaksin University has partnered with Mae Khri Subdistrict Municipality in Tamot District, Phatthalung Province, to launch the “Happiness @Home” Project, an initiative aimed at enhancing the quality of life of older adults through health-oriented agriculture and sustainable community economic development. The collaboration was formalized through the signing of a Memorandum of Understanding (MOU) on academic cooperation, focusing on developing occupational skills in health-promoting agriculture, safe agricultural practices, and effective agricultural produce management. The initiative seeks to address the needs of an aging society while fostering long-term community sustainability.

The MOU signing ceremony for the “Happiness @Home” Project marked an important step toward promoting and strengthening occupational skills among older adults through health-oriented agricultural activities, academic services, and the establishment of model learning centers under the TSU Community Hub concept. The project aims to improve quality of life, generate income opportunities, and strengthen the local grassroots economy sustainably. It also integrates the university's teaching, research, and innovation missions with practical community development initiatives to ensure tangible and meaningful outcomes.



The event was held at Mae Khri Subdistrict Municipality, Tamot District, Phatthalung Province, with the participation of university executives, staff, students, and local community partners.

A key highlight of the event was a knowledge-sharing forum entitled “Agriculture for Happiness”, which provided an opportunity for participants to exchange knowledge, experiences,

and best practices in developing health-promoting agricultural activities for older adults. The event also featured the official signing of an academic cooperation agreement between the Faculty of Technology and Community Development, Thaksin University, and Mae Khri Subdistrict Municipality, establishing a collaborative mechanism to support continuous and sustainable community development.

The "Happiness @Home" Project demonstrates how Thaksin University integrates its academic service, teaching, and research missions into real-world community development. The initiative emphasizes empowering older adults to apply knowledge and practical skills in health-oriented agriculture to their daily lives, enabling them to become more self-reliant, reduce household expenses, and generate supplementary income. In addition to economic benefits, the project seeks to enhance psychological well-being, promote a sense of self-worth, and encourage active participation among older adults in their communities.

"This collaboration reflects the role of Thaksin University as a TSU Community Hub, working closely with local administrative organizations and community partners to strengthen grassroots economies and build resilient, sustainable communities," The partnership is expected to serve as a model for age-friendly community development, demonstrating how academic knowledge, agricultural innovation, and local collaboration can improve the well-being and economic opportunities of older adults. The initiative also has the potential to be replicated and expanded to other communities in the future.

Project on Thaksin University Elevates Its Role as an Educational Institution by Becoming an Accredited Organization for Occupational Competency Certification in Agriculture

Date: April 24, 2025.

Location: Phapayom Subdistrict, Phatthalung Province

Public Evidence:

https://www.tsu.ac.th/home/details.php?aNum=20240223170537&id=3329&gid=2

Thaksin University has been officially accredited by the Thailand Professional Qualification Institute (Public Organization) (TPQI) as an organization authorized to certify individuals' competencies in accordance with occupational standards in the agricultural sector. This significant achievement reflects the University's commitment to developing a highly skilled workforce and enhancing Thailand's national competitiveness.



Thaksin University has received official accreditation from the Thailand Professional Qualification Institute (Public Organization) (TPQI) to serve as an organization responsible for assessing and certifying individuals' competencies based on occupational standards in the agricultural profession. The accreditation was approved by the TPQI Board at its Meeting No. 4/2567, held on April 24, 2025.

The accreditation covers two occupational fields:

1. Economic Crop Cultivation: Good Agricultural Practices (GAP) Auditor for Food Crops, Professional Qualification Level 4.
2. Livestock Production: Layer Chicken Farmer, Professional Qualification Level 4.

Thaksin University is committed to taking a proactive role as a key institutional mechanism in advancing national occupational standards. Beyond its traditional academic responsibilities, the University serves as a vital bridge connecting academic knowledge, government policies, and practical agricultural production at the community level. This accreditation not only demonstrates recognition of the University's institutional capacity and expertise but also reinforces its commitment to promoting the professional qualification system and encouraging agricultural practitioners to participate in the development of occupational standards and professional qualifications aligned with national development strategies.

Furthermore, the University actively promotes collaboration among educational institutions, training organizations, agricultural enterprises, government agencies, and private-sector partners to facilitate the adoption of occupational standards and competency frameworks. These partnerships aim to strengthen workforce capabilities, enhance professional skills, and support continuous competency development across agricultural occupations. This accreditation represents a significant milestone in Thaksin University's efforts to develop a competent and professionally qualified agricultural workforce that responds effectively to the evolving needs of the agricultural sector. It also contributes to upgrading farmers' occupational skills, strengthening professional recognition, and promoting sustainable agricultural development, particularly in communities across the lower southern region of Thailand.

Through these initiatives, Thaksin University continues to strengthen its role as a regional knowledge and competency development hub, empowering local farmers and agricultural producers with the skills, professional qualifications, and opportunities needed to improve productivity, enhance competitiveness, and achieve long-term sustainable livelihoods.

Project on "School Lunch Food Bank" , Thaksin University Collaborates with Ban Khok Sak School to Advance the "Bang Kaeo Model," Strengthening School Food Security through a Sustainable School Lunch Food Production Initiative

Date: June 6, 2025

Location: Ban Khok Sak School, Bang Kaeo Subdistrict Phatthalung Province,

Public Evidence https://sdg.tsu.ac.th/detail.php?id_list=1179&aNum=20250720151500



Thaksin University, in collaboration with Ban Khok Sak School in Phatthalung Province, is implementing the "Bang Kaeo Model" to establish a sustainable school lunch food production system and strengthen food security among schoolchildren. A total of 51 students in Grades 1–2 participated in hands-on agricultural activities, including vegetable cultivation, mushroom cultivation facility improvements, and soil preparation for growing salad vegetables. The produce will serve as ingredients for school lunches. The initiative aims to develop essential life skills, promote self-reliance, and position schools as community-based centers for improving nutrition, creating economic opportunities, and supporting sustainable development at the household and community levels. Thaksin University continues to advance the **"Bang Kaeo Model"** as part of the broader initiative entitled **"Phatthalung Model: Research and Social Innovation for Comprehensive and Targeted Poverty Alleviation."** In partnership with Ban Khok Sak School, located in Khok Sak Subdistrict, Bang Kaeo District, Phatthalung Province, the University launched the **"School Lunch Food Bank"** activity to strengthen students' life skills through practical agricultural learning while promoting sustainable food security. Under the guidance of teacher Thonnaphat Yotdam, 51 students from Grades 1–2 at Ban Khok Sak School actively participated in developing the school's food production resources through agricultural activities. Supported by the Bang Kaeo Model project, the initiative integrates

agricultural education with efforts to improve the nutritional well-being of children in rural schools.

The project places particular emphasis on **strengthening school food security by increasing the diversity and nutritional value of school meals**, while simultaneously equipping students with fundamental agricultural knowledge and essential life skills. Through hands-on learning, children gain practical experience in food production, develop self-reliance, and build a foundation for a more secure and sustainable future. This approach aligns with the core objectives of the Bang Kaeo Model, which seeks to position schools as **community-centered platforms for holistic child development**. Beyond academic learning, the initiative promotes practical life skills, financial awareness and saving habits, occupational knowledge, improved household well-being, and sustainable community engagement. Key agricultural activities included renovating mushroom cultivation facilities, preparing land for household vegetable gardens, and mixing and improving soil for salad vegetable cultivation. These activities aim to establish a reliable source of fresh, nutritious ingredients for school lunches, contributing to a more sustainable and locally supported school food system.

In addition to supporting school meal provision, the initiative provides meaningful experiential learning opportunities that encourage students to develop agricultural knowledge, confidence, a sense of responsibility, and pride in producing their own food. By introducing agricultural skills at an early age, the project also seeks to **reduce household and school food-related expenses, strengthen long-term food security, and cultivate a culture of self-reliance among younger generations.**

Through the Bang Kaeo Model, Thaksin University demonstrates its commitment to integrating research, education, and community engagement to address local challenges, improve children's nutritional opportunities, and promote sustainable community development.

