



ABOUT EXPO 2025

- The theme for Expo 2025 in Osaka, Japan, is "Designing Future Society for Our Lives". This theme is explored through three sub-themes:
- **Saving Lives:** Focuses on health, well-being, and preparedness for crises.
- **Empowering Lives:** Addresses essential needs like food, clothing, and shelter, and also includes areas like education and learning.
- **Connecting Lives:** Explores how to foster deeper connections, including through diverse cultures, communities, and mobility.

The Expo is centered on the concept of "life" and acts as a platform to discuss and develop solutions for global issues.

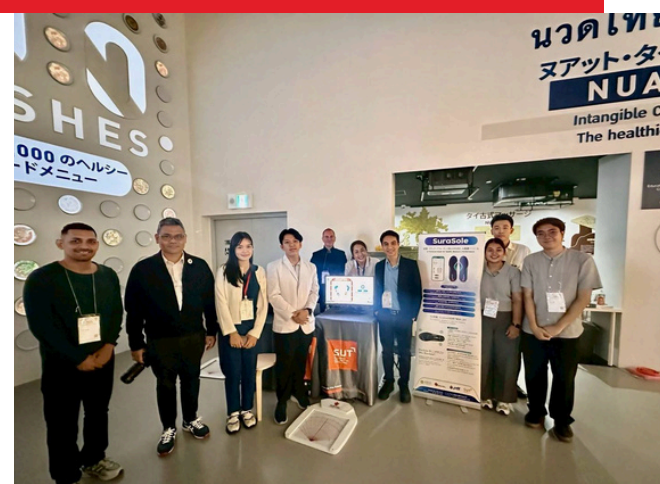
SUT SHOWCASES HEALTH AND WELLBEING INNOVATIONS AT WORLD EXPO 2025 IN OSAKA



Osaka, Japan – October 8–12, 2025
Suranaree University of Technology (SUT), Thailand, proudly presented its cutting-edge research and innovations in health and wellbeing at the World Expo 2025, held in Osaka, Kansai, Japan. The exhibition took place at the Thailand Pavilion under the theme "Thai-Smile Connecting Happiness World Destination."

Located in the **Thailand Pavilion**, in the **Connecting Lives Zone** during the five-day showcase, **SUT** highlighted three signature innovations developed through interdisciplinary collaboration between its research and wellness initiatives:

- **Surasole Smart Insoles and SuraPodo** – a wireless sensor innovation designed to monitor gait patterns, balance impairment, assess mobility, and detect fall risks among the elderly. The system integrates wireless sensor technology, biomechanics, and AI analytics to support personalized rehabilitation and preventive healthcare.
- **Wolffia Superfood of the Future** – introducing the world's smallest flowering plant as a sustainable and nutrient-rich food source. SUT's research focuses on developing Wolffia-based functional foods rich in protein, antioxidants, and essential amino acids to promote healthy longevity and environmental sustainability.
- **SUT Wellness Academy** – promoting holistic health through the integration of Thai herbs, traditional medicine, and modern wellness practices, supporting physical and mental wellbeing in aging societies.





Global Presence in Health & Wellbeing

The SUT exhibit attracted strong interest from international visitors, researchers, and industry representatives, reflecting the global relevance of innovations that bridge technology, nutrition, and wellbeing.

In line with the Expo's overarching theme, "Designing Future Society for Our Lives," SUT's participation underscored its commitment to developing research-driven solutions that enhance quality of life and contribute to the United Nations Sustainable Development Goals (SDGs), particularly **Good Health and Well-being (SDG 3)**.

Through this global platform, SUT reaffirmed its vision of becoming a leading research university driving innovation for a healthier, more sustainable future for Thailand and the world.

