

# Report on SDG7: Affordable and Clean Energy

## Thaksin University, Thailand

### 7.4 Energy and the community

#### 7.4.1 Programs for local community to learn about importance of energy efficiency and clean energy

##### Youth Power and Water Management Alliance



On July 5, 2023, the Office of the National Water Resources (ONWR), in collaboration with Thaksin University, Phatthalung Campus, organized the activity 'Youth Power and Water Management Alliance' in observance of World Water Day 2023, following the campaign theme set by the United Nations for 2023: 'Accelerating Change: Be the change you want to see in the world.'

Thailand aims to develop safe and standard drinking and utility water for the public, along with promoting water conservation cooperation across all sectors. ONWR places great importance on the creative power of youth, which led to the organization of the 'Youth Power and Water Management Alliance' activity. The event was honored by the welcoming remarks of Asst. Prof. Dr. Thanya Phanritdam, Vice President of Phatthalung Campus, Thaksin University, and an introductory report by Dr. Worawan Nakbanpot, Acting Director of the Office of Knowledge Promotion and Inter-Organizational Relations at ONWR. Mr. Kreekiat Kumarsingh, Director of the National Water Resources Office, Region 4, presided over the opening of the event.

The event was divided into two parts as follows: The morning session involved discussions with school administrators or faculty representatives, staff, students, and pupils to serve as a model for educational institutions in water resource management, with the aim of advancing and extending results to the community. This took place at Room MF1301, Integrated Learning Building 1. The afternoon session featured the activity 'Youth Power and Water Management Alliance,' attended by staff, students, and pupils, at Room MF1200, Integrated Learning Building 1."

Source: [https://sdg.tsu.ac.th/detail.php?id\\_list=138&aNum=20231106082312](https://sdg.tsu.ac.th/detail.php?id_list=138&aNum=20231106082312)

### Knowledge exchange activity on comprehensive RDF waste management



On December 6, 2023, from 8:30 a.m. to 12:00 p.m., the Phatthalung Campus Office, through the Landscape and Environment Task Group, organized the 2023 annual knowledge exchange activity on comprehensive RDF waste management. The event was opened by Asst. Prof. Dr. Thanya Phanritdam, Vice President of Thaksin University, Phatthalung Campus, and featured Mr. Naruebate Sangpan, an environmental academic responsible for environmental management at Phatthalung Campus, as the speaker.

This activity was conducted to promote knowledge and understanding among staff, enabling them to separate RDF waste from general waste and add value to waste by converting it into renewable energy. It aims to develop the ecosystem and infrastructure toward becoming a green university, 'The

University of Glocalization.' The event also included the distribution of RDF waste bins to offices and was held at the University Council Meeting Room, Administrative and Central Office Building, Thaksin University, Phatthalung Campus.

Source: <https://www.tsu.ac.th/home/details.php?aNum=20231206100510&id=3058&gid=2>

### JUST DO IT for the Planet, Start with Yourself



ฝ่ายบริหารวิทยาเขตพัทลุง  
ขอเชิญเข้าร่วม  
โครงการ **JUST DO IT**  
รักษ์โลก เริ่มต้นที่ตัวเรา!  
ในวันที่ 13 กันยายน 2566

ณ ห้องประชุม MF3200 อาคารเรียนรวม 3 เวลา 12.45-15.00 น.

หัวข้อ  
กระบวนการจัดการขยะอย่างยั่งยืน  
(waste to energy)

และพบกับการเปิดตัว...  
ถังขยะ  
**RDF**

ลงทะเบียนเข้าร่วมโครงการ

โดย... คุณเดชาวุธ สิงห์ชัย (เด็งส์)  
บริษัท เอส ซี ไอ อีโค เซอร์วิส เซส จำกัด

ฝ่ายบริหารวิทยาเขตพัทลุง <https://adminpt.tsu.ac.th/>

The Phatthalung Campus organized the 'JUST DO IT for the Planet, Start with Yourself' project on the topic 'Sustainable Waste Management Process (Waste to Energy)' by Mr. Sarawut Sangchuay from SCI Eco Services Co., Ltd., in which the interested people could attend without of charge.

Source: <https://event.tsu.ac.th/detail.php?aNum=20230909071215&id=436&gid=16>



Thaksin University enhances its collaboration with the National Institute for Fusion Science and SOKENDAI in Japan to advance research and personnel development in plasma and fusion.



Today (December 19, 2023), Associate Professor Dr. Samak Kaewsuksaeng, Vice President for Research and Innovation, and Assistant Professor Dr. Phonkrid Klaivitpat, Assistant to the President for Academic Services and Special Affairs, visited the National Institute for Fusion Science (NIFS) in Toki, Japan. They were welcomed by Prof. Dr. Zensho Yoshida, Vice President of NIFS, and Prof. Dr. Satora Sakakibara and Prof. Dr. Mitsutaka Isobe from The Graduate University for Advanced Studies, SOKENDAI, which specializes in physical sciences, natural sciences, and innovation sciences. The visit aimed to discuss academic collaborations at both faculty and university levels, focusing on the exchange of personnel and students, research collaboration, and short-term activities to impart knowledge on Plasma and Fusion research. This field encompasses versatile technologies and is a critical technology that will be a source of clean energy in the future.

Source: <https://www.tsu.ac.th/home/details.php?aNum=20231219041433&id=3104&gid=2>

## TSU Freshy Green U 2023

On June 22, 2023, at 9:00 a.m., Thaksin University, Phatthalung Campus, organized the 'TSU Freshy Green U 2023' event as part of the orientation activities for new students for the academic year 2023. The event took place at the Chalerm Phra Kiat Auditorium, Thaksin University, Phatthalung Campus. The event was held to raise awareness and instill environmental consciousness among first-year students.



The learning and fun activities were divided into six stations as follows:

- Station 1: TSU PT-style Waste Sorting
- Station 2: Waste Bingo
- Station 3: Green Style Earth Conservation
- Station 4: Recycling Ideas for Waste and Wastewater
- Station 5: How Can You Reduce Plastic Use?
- Station 6: Learning About Renewable Energy

Source: [https://adminpt.tsu.ac.th/detail.php?id\\_list=1181&aNum=20230626072844](https://adminpt.tsu.ac.th/detail.php?id_list=1181&aNum=20230626072844)

## The Renewable Energy Association for Communities

The Renewable Energy Association for Communities, in collaboration with Thaksin University, Rajamangala University of Technology Thanyaburi, and Rajamangala University of Technology Rattanakosin



Source: <https://www.tsu.ac.th/home/details.php?aNum=20221031040732&id=2611&gid=2>