

Template for Evidence(s) UI GreenMetric Questionnaire

University : King Mongkut's Institute of Technology Ladkrabang (KMITL)
Country : Thailand
Web Address : <http://www.sustainable.kmitl.ac.th/>

[3] Waste (WS)

[3.1] 3R (Reduce, Reuse and Recycle) Program for University Waste



Activity 1: Waste Classification and Sorting Workshop

This workshop aims to raise awareness and provide practical knowledge on waste classification and sorting within the university. Participants learn from expert speakers and engage in hands-on recycling exercises.

Objectives:

- Enhance understanding of waste types and proper sorting methods
- Promote active participation in waste management
- Raise awareness of environmental impacts

Format:

Lectures, practical sorting sessions, and interactive activities

Target Group:

University staff, students, and interested individuals

Outcomes:

Participants gained knowledge and practical skills to apply in daily life and contribute to sustainable waste management within the university.

Link:

<https://www.facebook.com/share/p/1XxSFyZeiw/>

<https://www.facebook.com/share/p/1XxSFyZeiw/>

<https://event.osda.kmitl.ac.th/1474-workshop>



Activity 2: One Cup, One Heart and My Little Lunchbox, Mom Campaign

These combined campaigns aim to significantly **reduce single-use plastic waste (cups and food containers)** generated on campus. By encouraging the use of personal reusable items, KMITL fosters a more sustainable consumption culture among its community.

Objectives:

- Reduce the consumption of single-use plastic cups and food containers within the university
- Promote and normalize the habit of bringing personal reusable items (cups, tumblers, and food boxes) among students, faculty, and staff
- Raise awareness about the environmental impact of single-use plastics and the benefits of a reusable culture

Format:

Interactive activities

Target Group:

University staff, students, and interested individuals

Outcomes:

Participants developed a stronger habit of using reusable cups and food containers, leading to a noticeable reduction in their individual plastic waste footprint.

Link:

<https://www.facebook.com/share/v/18vvUme4zZ/>

<https://www.facebook.com/share/p/1A45V4j91m/>





Activity 3: “Trash for Happiness” Campaign

This activity encourages participants to exchange waste for goods or benefits. The initiative aims to promote sustainable waste management and raise environmental awareness within the community. Key exchanges include trading recyclables for eggs or volunteer service hours.

Objectives:

- Enhance understanding of waste types and proper sorting methods
- Promote active participation in waste management
- Raise awareness of environmental impacts

Format:

Lectures, practical sorting sessions, and interactive activities

Target Group:

University staff, students, and interested individuals

Outcomes:

Participants gained practical experience and improve their skills in waste classification and sorting, leading to a more consistent habit of source separation.

Link:

<https://www.kmitl.ac.th/article/ขยะแลกสุข>



Activity 4: “Re-Candle” Campaign

This activity focuses on upcycling used candle wax into new, usable candles, promoting the concept of reuse and resource recovery within the KMITL community.

Objectives:

- Reduce wax waste generated from used candles within the university and surrounding community
- Promote the concept of upcycling and creative reuse of materials
- Provide a practical demonstration of how waste can be transformed into valuable products.
- Raise awareness about resource conservation and sustainable consumption

Format:

Interactive workshop and activities

Target Group:

University staff, students, and interested individuals

Outcomes:

Participants gained hands-on experience in upcycling and develop a deeper understanding of resource recovery.

Link:

<https://www.facebook.com/share/p/19tr1AwG3C/>

<https://www.facebook.com/share/p/19YoNxdpks/>



Activity 5: “Love is a growing Up” Campaign

This activity focuses on repurposing common waste materials into propagation pots for plants, specifically designed to commemorate Valentine's Day with a sustainable twist. And aims to transform "waste" into "growth" and encourage eco-friendly practices through a creative, engaging approach.

Objectives:

- Encourage hands-on participation in sustainable activities that blend environmental care with everyday life
- Foster a sense of environmental stewardship within the KMITL, linking it with themes of care and love
- Raise awareness about the potential for waste materials to be given a new life and purpose

Format:

Interactive workshop and activities

Target Group:

University staff, students, and interested individuals

Expected Outcomes:

Participants will gain practical skills in upcycling and plant propagation, enabling them to creatively transform waste into valuable resources.

Link:

<https://www.instagram.com/p/C3Uu93DJ7En/>

https://www.instagram.com/reel/C3er_J3LeH9/



Activity 6: KMITL Zero Waste Kids Activity

Held on National Children's Day, GenEd Day, and KMITL Community Day, this activity aims to raise awareness and promote sustainable waste management among students, staff, and the surrounding community. Participants engage in an interactive waste-sorting game using simulated bins and waste cards to learn proper disposal practices.

Objectives:

- **Educate children** about the importance of waste reduction, reuse, and recycling in an age-appropriate and engaging manner
- **Develop practical skills** in waste classification and creative upcycling among young participants
- **Foster a sense of environmental responsibility** and sustainable habits from an early age
- **Encourage families** within the KMITL community to adopt zero-waste practices at home

Format:

Interactive workshop, storytelling, and educational Games

Target Group:

Children of university staff, parents, and guardians

Expected Outcomes:

Participants will gain foundational knowledge and practical skills in **waste segregation and creative reuse**, fostering an early appreciation for environmental care.

Link:

https://www.opre.kmitl.ac.th/main/?tribe_events=KMITL.Zero.Waste.Kids

<https://www.instagram.com/p/C18fZErPX5/>

Description:

KMITL has launched various 3R programs. For example, an ongoing university-wide initiative called “KMITL ZERO WASTE” consists of regular and diverse 3R activities that engage students and staff. These activities include waste sorting workshops, waste exchange campaigns, reusable product promotions, and creative recycling events. The program is implemented consistently across semesters and throughout the academic year.

1. Waste Sorting Workshops: Held twice per year (Term 1 & 2), targeting students and staff.
2. Waste Exchange (ขยะแลกสุข): Monthly campaign. Total waste exchanged in 2024: 859.1 kg.
3. Zero Waste Day: Annual public education game-based event. Registered participants in 2024: 300 people.
4. Reusable Incentives:
 - a. One cup, one heart “แก้วเดียวแก้วใจ: 1,200 beverages distributed in 2024 to tumbler users.
 - b. My Little Lunchbox, Mom Campaign “กล่องข้าวน้อยคุณแม่”: 960 meals distributed in 2024 to reusable container users.
5. Creative Recycling:
 - a. “Re-Candle”: 58 kg of wax reused from previous Loy Krathong.
 - b. “Love is a growing Up” Campaign “เพราะรักษ์ต้นกล้า”: 100 participants reused paper cups as seedling pots.

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

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- <https://www.facebook.com/share/p/1XxSFyZeiw/>
- <https://event.osda.kmitl.ac.th/1474-workshop>
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- <https://www.facebook.com/share/p/1A45V4j91m/>
- <https://www.kmitl.ac.th/article/ขยะแลกสุข>
- <https://www.facebook.com/share/p/19tr1AwG3C/>
- <https://www.facebook.com/share/p/19YoNxdpks/>
- <https://www.instagram.com/p/C3Uu93DJ7En/>
- https://www.instagram.com/reel/C3er_J3LeH9/
- https://www.opre.kmitl.ac.th/main/?tribe_events=KMITL.Zero.Waste.Kids
- <https://www.instagram.com/p/C18fZEzrPX5/>