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Template for Evidence(s)
UI GreenMetric Questionnaire

University : ... Kanchanaburi Rajabhat University
Country : ...Thailand
Web Address : ...www.kru.ac.th

[2] Energy and Climate Change (EC)

[2.10] Greenhouse gas emission reduction program (EC.7)

	
1. Tree Planting Activity in Honor of His Majesty the King on the Occasion of His Birthday Anniversary, July 28, 2025.	2. Training Program on Natural Resources and Environmental Conservation Knowledge toward a Green University Initiative.

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3. Setting Targets for Greenhouse Gas Emission Reduction

Description:

Kanchanaburi Rajabhat University organized a training program on natural resources and environmental conservation knowledge toward becoming a Green University at the Sriphat Conference Room, Kanchanaburi Rajabhat University.

Now, the world is facing severe environmental problems, including global warming, pollution, wastewater issues, and the depletion of natural resources. These problems are not distant from us; rather, they directly affect the quality of life of people around the world. Universities, as educational institutions, therefore play a crucial role as models in raising awareness and implementing activities for the sustainable conservation of natural resources and the environment.

This training program aims to ensure that participants gain knowledge, understanding, and awareness of the importance of natural resource and environmental conservation. It also seeks to raise environmental consciousness so that everyone can apply this knowledge in their daily lives, as well as in organizational management and teaching and learning processes. It supports the development of the university as a model “Green University” and drives institutional policies in alignment with the strategic plan of Kanchanaburi Rajabhat University, which focuses on sustainable local development.

Greenhouse gas emission reduction program

1. There is an energy and environmental conservation plan.

Kanchanaburi Rajabhat University has an energy and environmental conservation plan aimed at becoming a Green University. The university develops and regularly updates its energy and environmental conservation plan on an annual basis to define its development direction.For example, training programs are organized to enhance knowledge and understanding of greenhouse gas emission reduction, carbon credits, and carbon footprints.

2.มีการจัดโครงการอบรมสร้างจิตสำนึกการอนุรักษ์พลังงาน

มหาวิทยาลัยราชภัฏกาญจนบุรี มีการจัดโครงการอบรมสร้างจิตสำนึกการอนุรักษ์พลังงาน โดยมีวัตถุประสงค์ของโครงการเพื่อจิตสำนึกในการประหยัดพลังงงาน และให้มีความรู้เรื่องภาวะโลกร้อน และรู้วิธีลดการปล่อยก๊าซเรือนกระจก (ตามตารางที่ 4) แหล่งปล่อยก๊าซเรือนกระจก (Woo & Choi, 2013)



ที่มา: https://www.kru.ac.th/kru/news_detail.php?id=1252

3. Setting targets for greenhouse gas emission reduction as follows:

1. Fuel combustion from engine use under Scope 1 (as shown in Table 4)

Mobile combustion refers to fuel combustion from transportation equipment owned and operated by Kanchanaburi Rajabhat University. The university provides electric motorcycles for use by staff and students.

Kanchanaburi Rajabhat University uses refrigerants in its air conditioning systems that have lower environmental impact and has discontinued the use of CFCs, which damage the ozone layer and contribute to global warming.

2. Scope 2 (as shown in Table 4): Purchase of Electricity

Indirect greenhouse gas emissions result from electricity generation purchased from the Provincial Electricity Authority (PEA). Over the past year, Kanchanaburi Rajabhat University has consumed a significant amount of electricity.

If the university implements a 10% reduction in electricity consumption by introducing measures such as turning off lights during lunch breaks and one hour before the end of working hours each day, it would be able to reduce indirect greenhouse gas emissions accordingly.

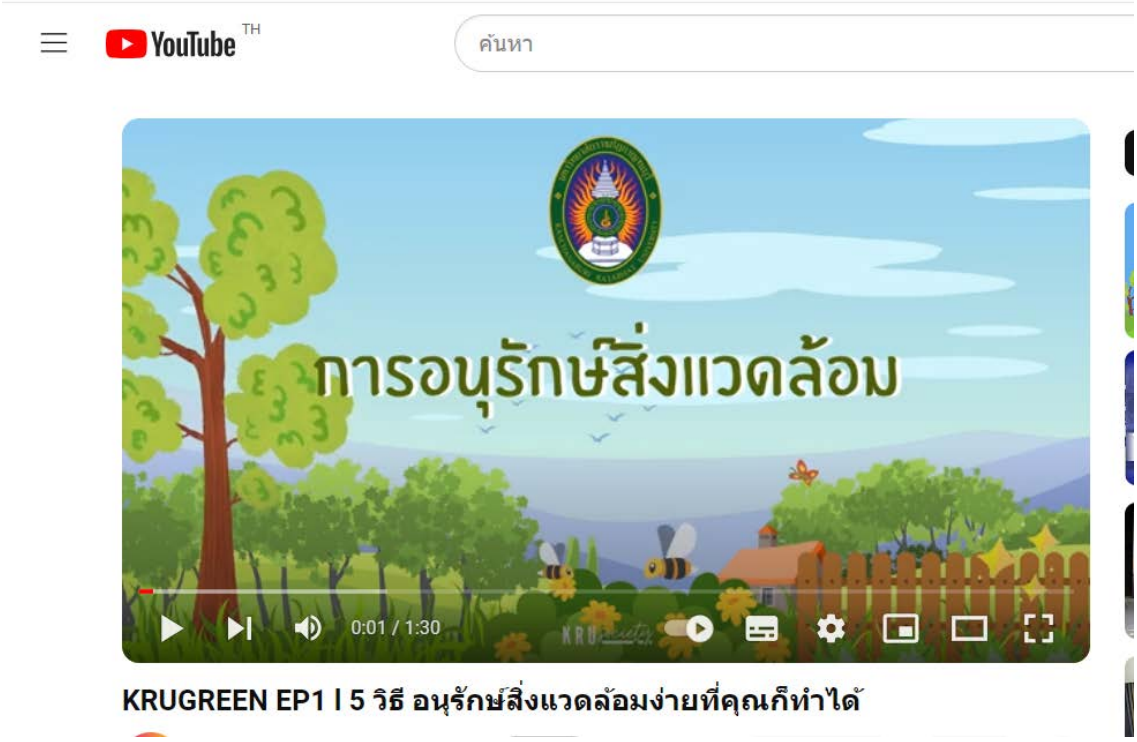
3. The university organizes activities that promote the reduction of indirect greenhouse gas emissions, as follows:

1. “Ways to reduce vehicle use: multiple approaches KRUGREEN EP3”
2. “Proper waste separation for environmental conservation KRUGREEN EP2”
3. “Five ways to conserve the environment KRUGREEN EP1”
4. “Understanding the 7R concept KRUGREEN EP6”
5. “Using reusable bags to reduce global warming KRUGREEN EP5”

Examples of activities related to greenhouse gas emission reduction:

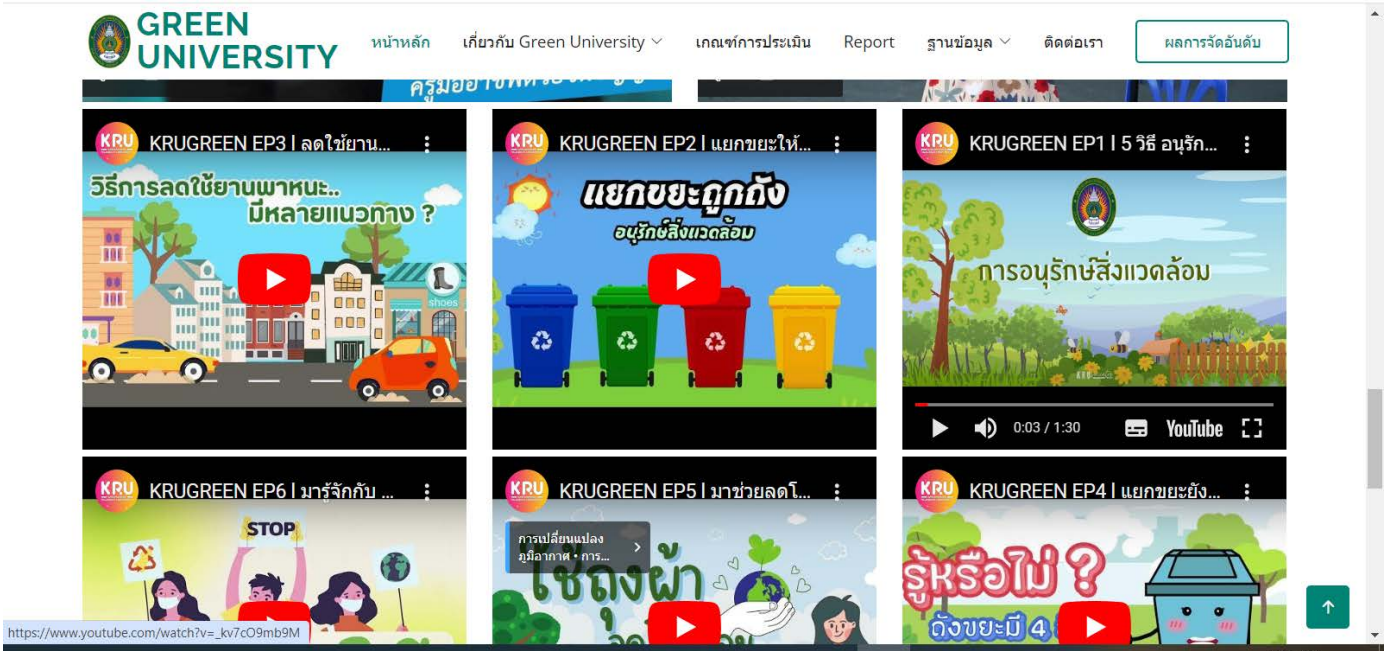
‘5 Easy Ways to Protect the Environment That You Can Do’ project by: Mr. Somchai - 4th Year Student, Digital Content Design Program
Production supervised by: Public Relations Office, Kanchanaburi Rajabhat University

https://www.youtube.com/watch?v=_kv7cO9mb9M&t=3s



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Examples of activities related to greenhouse gas emission reduction: (continue)



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