



University : Walailak University
Country : Thailand

Web Address: <https://green.wu.ac.th/>

6.3.4 Water-conscious building standards

Year: in place by 2020

Apply building standards to minimise water use

Green Walailak University Policies

Walailak University is determined to develop and promote environmental quality both in an academic and participation aspect and to cultivate conscience for good environment for students, staff, communities, societies and the country as a whole. The principal focus is on an environmental management in diverse dimensions including the resource, environmental technology, waste and pollution, human and society dimensions in order for the university to stand as a world class university treating environmental issues with priority and being accepted on the ASEAN and global community levels. To accomplish this mission, the Sufficiency Economy Philosophy principles and the Sustainable Development Goal as stipulated by the United Nations are applied as follows;

1. Developing and creating a master plan dictating the use of land with priority if energy saving and environmental conservation.
2. Taking a revolutionary action to enforce decreased use of energy and extensive use of renewable/ alternative energy within the university
3. Encouraging decreased use of water supply and effective water supply management within the university to ensure optimal benefits.
4. Supporting waste management, zero waste and water reuse by taking into consideration economic and social factors for the purpose of reducing waste and water reuse by endorsing the practice of reducing, reusing and recycling and also demand effective and sustainable pollution reduction within the university. Providing a transport service for environmental sustainability and use and provision of public transports, bicycles and walking paths within the university
5. Endorsing every lecturer/ student/ staff – organized activity related to seeking effective solutions against the climate change issues caused by Green House Effects
6. Facilitating the university's environmental education and research by integrating sustainability into all curriculums and advancement as a research center for sustainability innovations
7. Supporting and facilitating cooperation on academic, management, development and creation of technology and innovation for environment between the university and other organizations both on a national and international level
8. Achieving the status of a proper model and holistic learning platforms of sustainability developed under collaboration of communities and stakeholders
9. Acknowledging that sustainable development of the university is not only the mission but also the responsibility of all.

Prof.Dr. Sombat Thamrongthanyawong

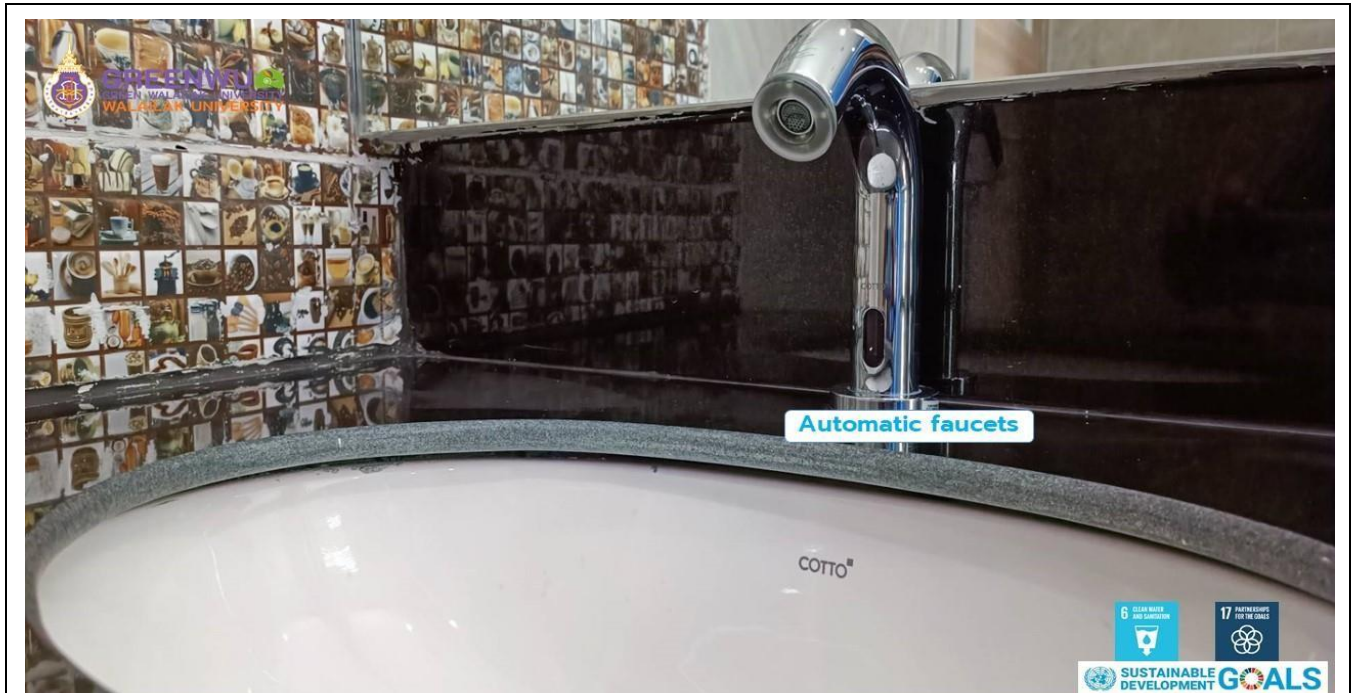
President of Walailak University

6.3.4-1 Green Walailak University Policies



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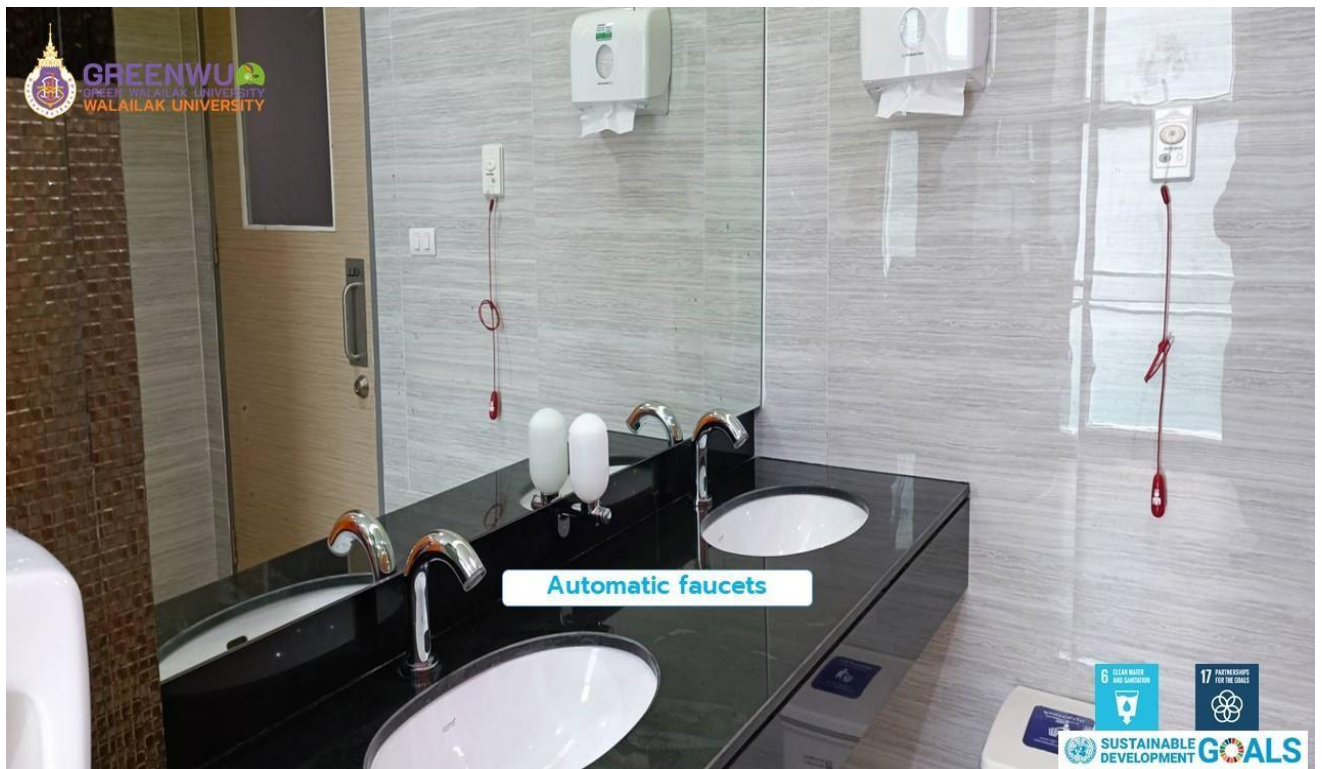


6.3.4-2 Automatic faucets



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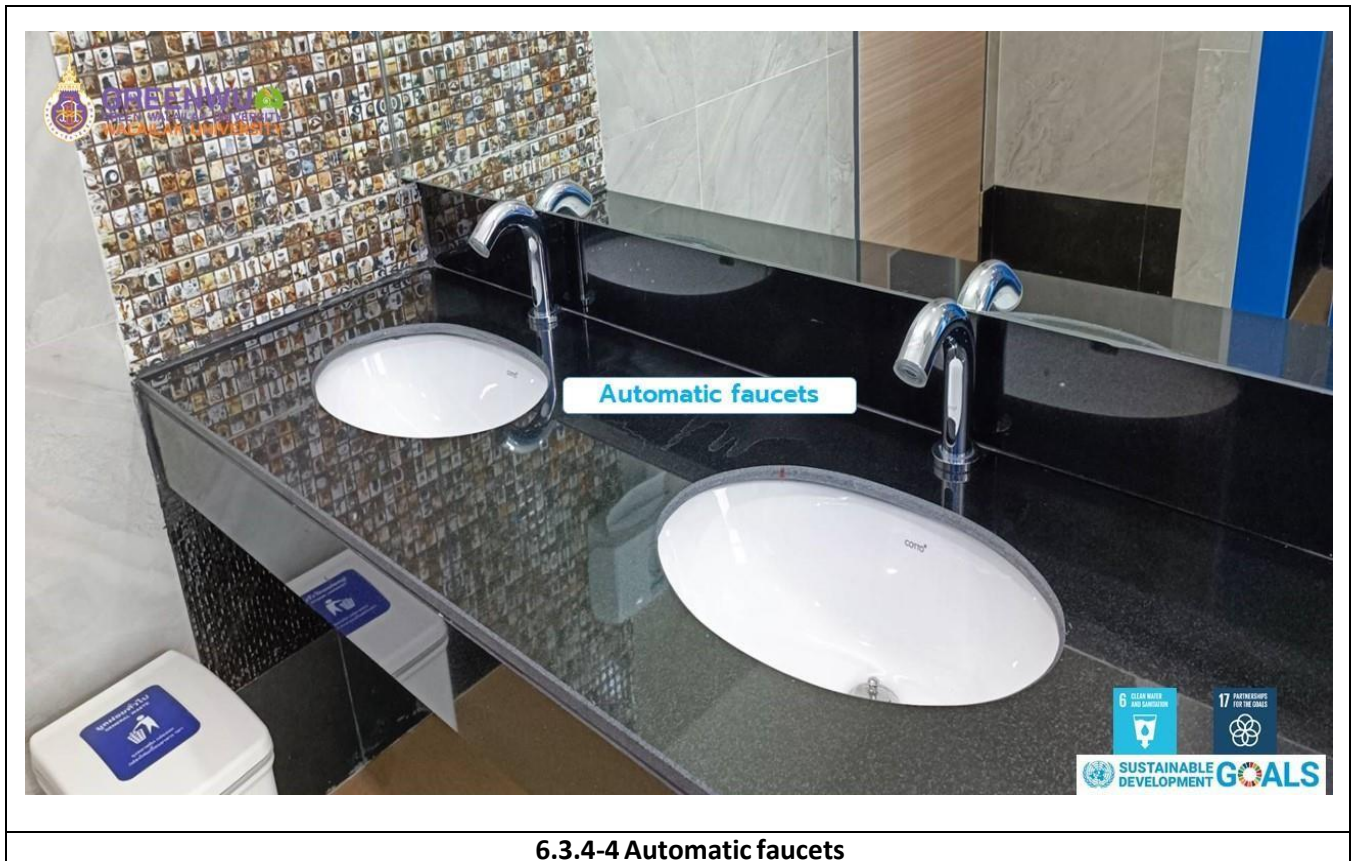
Automatic faucets

6.3.4-3 Automatic faucets



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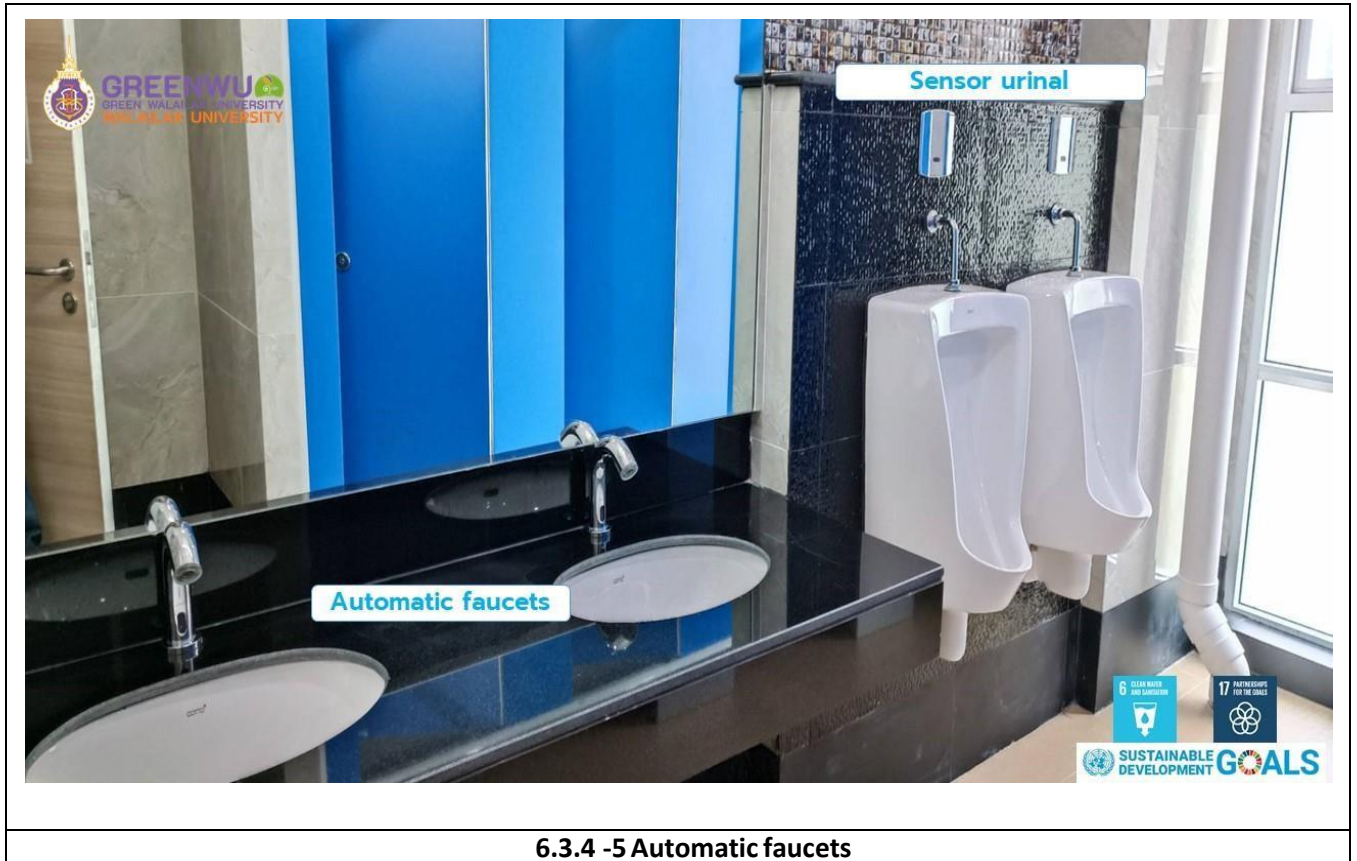


6.3.4-4 Automatic faucets



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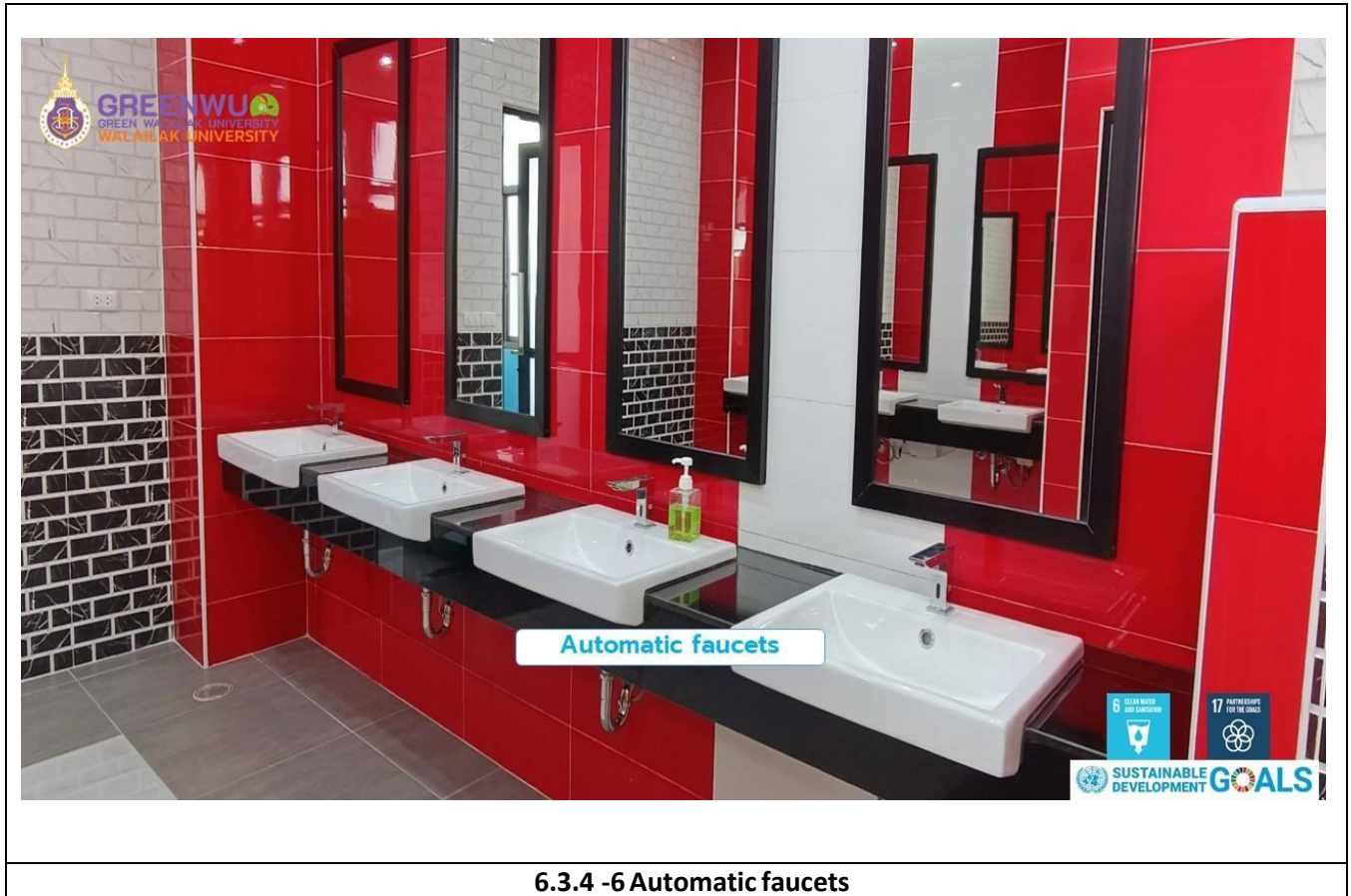


6.3.4 -5 Automatic faucets



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6.3.4 -6 Automatic faucets



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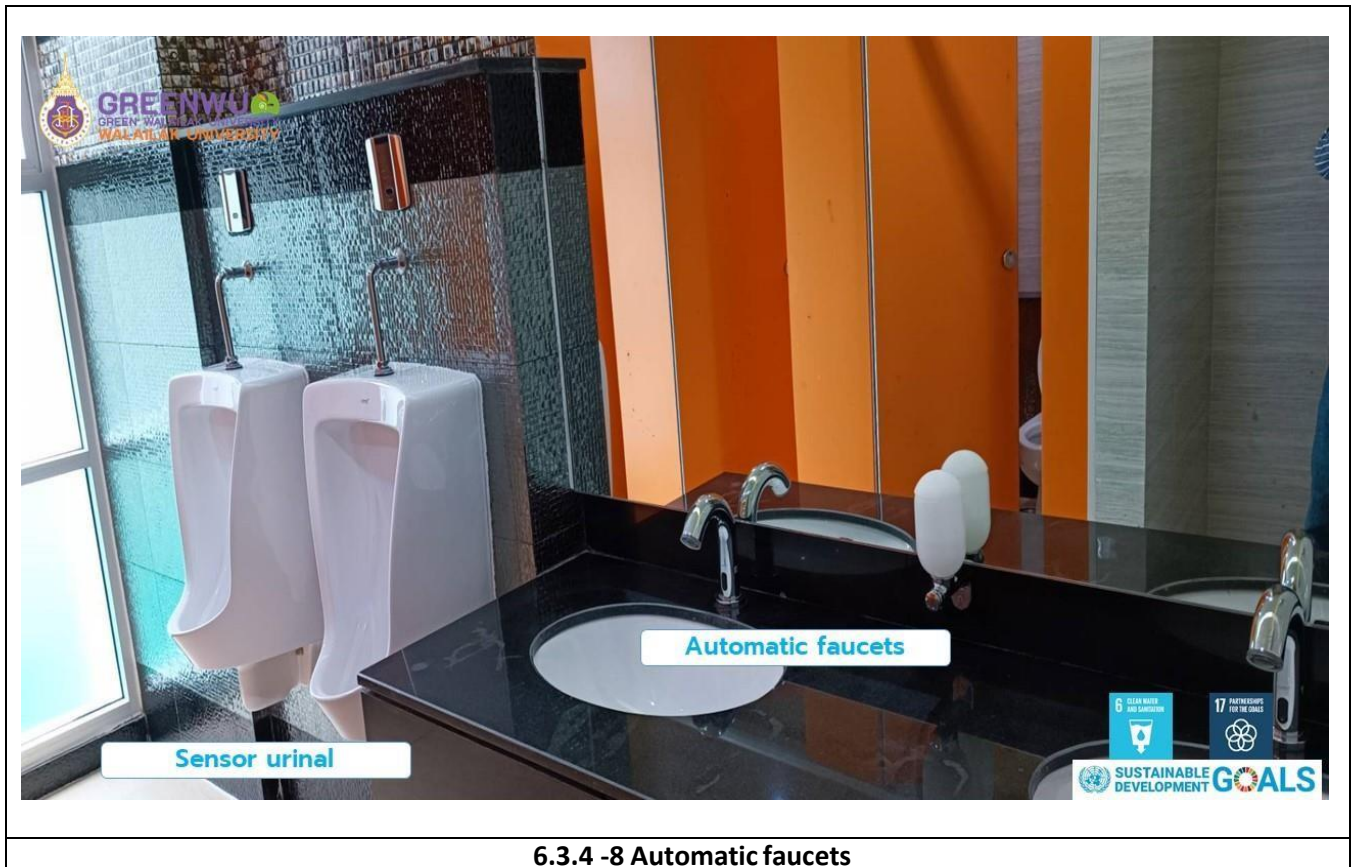


6.3.4-7 Automatic faucets



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6.3.4 -8 Automatic faucets



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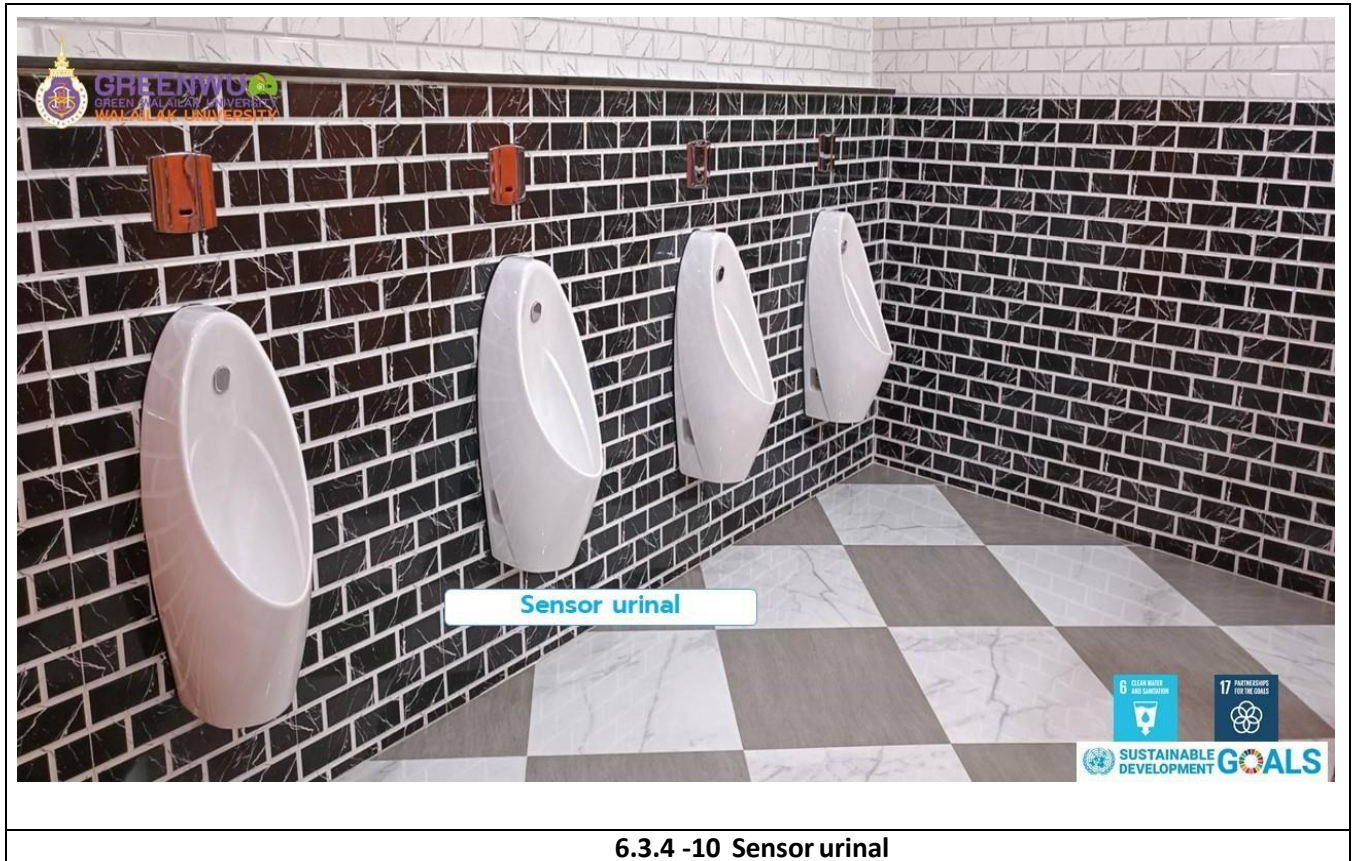
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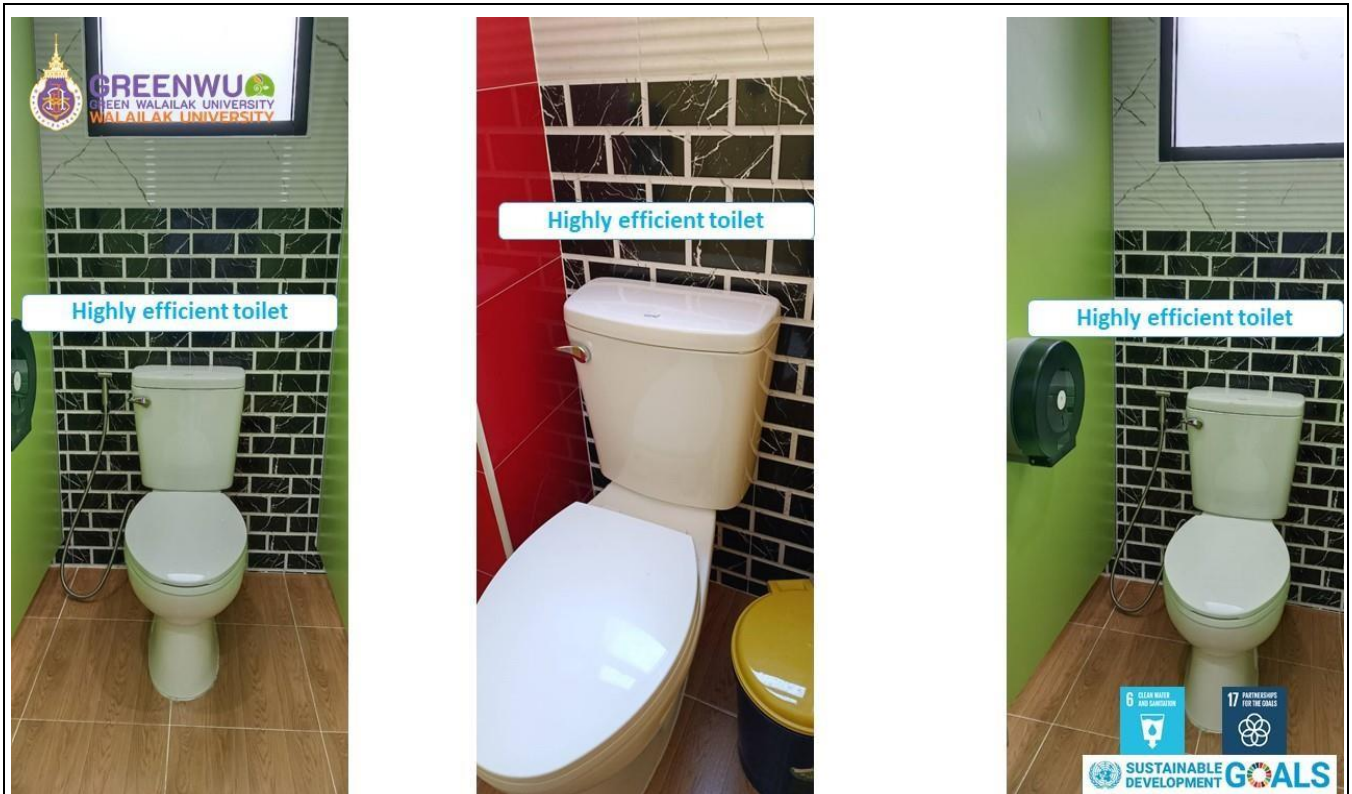


6.3.4 -10 Sensor urinal



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6.3.4 -11 Highly efficient toilet flush

Water efficient appliances usage (Walailak University , Thailand)



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Description: Walailak University has policy that will set up the water saving sanitary wares for every new building. For faucets, we proceeded to set up self- closing faucets instead swivel faucets, which could control the water usage limits. While, the urinals flush valves were changed to be a saving water version (6 liters), and consequently have reduced the water used around 1 – 2 liters. Moreover, our university has the promotion that used water bottles containing sand for replacing water in toilet bowls. This promotion could be proceeded as 1 ,769 Units from 1,824 units (all toilet bowl in the university)

Appliances	Total Number	Total Number Water efficient appliances	Percentage
Toilet	1,824	1769	97%
		Average Percentage	97%