Template for Evidence(s)
UI GreenMetric Questionnaire

University : Kanchanaburi Rajabhat University
Country : Kanchanaburi
Web Address : https://green.kru.ac.th/ , https://www.kru.ac.th/

[2] Energy and Climate Change (EC)

[2.3] Smart Building Implementation (EC.2)

The Smart Sanitation System in the Library is implemented as follows:



30 smart water faucets



16smart wall hung urinals



30 automatic lightings



1Flap barrier (library) 1 point



security alarm system sensor gate for anti-theft 1 point



Smart door (digital lock door)

Faculty of Management Science building 1 point

Library 3 points

Building 9 1 points

Faculty of Industrial Technology (old building) 1 point

Faculty of Humanities and Social Sciences 1 point





Temperature measurement instruments

Faculty of Management Science 10 items

Library 6 items

Building 9 items

Faculty of Humanities and Social Sciences 1 item



Fog Detector (library) 1 point





Fingerprint Scanner

Faculty of Management Science 1 item

Library 3 items

Building 9 1 item

Faculty of Industrial Technology (old building) 1 item

Faculty of Humanities and Social Sciences: 1 item





ไฟฉุกเฉิน Emergency Lights

Faculty of Management Science building 101 items

Office of Academic Services and Graduate Studies building 40 items

Library 2 items

Building 9 18 items





Closed-circuit televisions

Faculty of Management Science building 91 items

Library 40 items

Building 9 20 items

Faculty of Education (new building) 3 items

Faculty of Education (old building) 10 items

Building 7 14 items

Faculty of Industrial Technology (old building) 8 items

Faculty of Industrial Technology (yellow-grey building) 13 items





เครื่องปรับอากาศ Air-conditioners

Faculty of Management Science building 144 items

Office of Academic Services and Graduate Studies building 94 items

Library 130 items

Building 9 89 items

Faculty of Education (new building) 88 items

Faculty of Education (new building) 41 items

Office of Supply Department building 10 items

Building 7 224 items

Faculty of Industrial Technology (old building) 38 items

Faculty of Humanities and Social Sciences 136 items

Faculty of Industrial Technology (yellow-grey building) 16 items

Gundam building of Faculty of Industrial Technology: 24 items





Smart building implementation

$$\frac{\boldsymbol{total\ smart\ building\ area}}{\boldsymbol{total\ building\ area}} \times \mathbf{100\%}$$

***Total Building Area: 150,000 m^2**

$$\frac{\mathbf{30,000\ m^2}}{\mathbf{150,000\ m^2}} \times \mathbf{100\%} = \mathbf{20\%}$$

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