

## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Walisongo Semarang  
Country : Indonesia  
Web Address : <https://walisongo.ac.id> web green campus <https://wegreen.walisongo.ac.id>

### [2] Energy and Climate Change (EC)

#### [2.1] Energy Efficient Appliances Usage



Figure 1. Utilization of LED lamp and lighting system in the IsDB building of Universitas Islam Negeri Walisongo Semarang

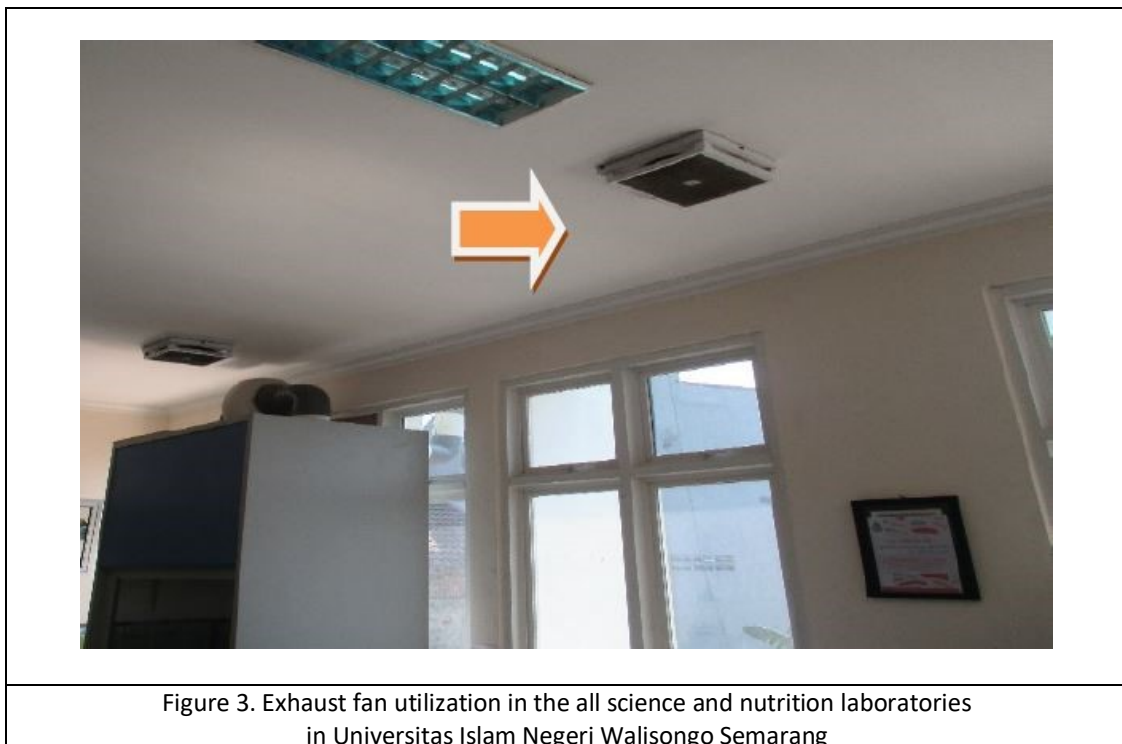


Figure 2. Utilization of Eco-friendly Air Conditioner based smart inverter technology in several building such as Faculty of Psychology and Health building, Faculty of Social Politics building, and Universitas Islam Negeri Walisongo Semarang Office building (Campus 1)

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### [2] Energy and Climate Change (EC)



**Description:**

Saving energy management system have been implemented in Universitas Islam Negeri Walisongo Semarang such as utilization of LED lamp and lighting system, Eco-friendly Air Conditioner based smart inverter technology and exhaust fan. Furthermore, automatic lamp technology will be installed in all toilet room at Universitas Islam Negeri Walisongo Semarang. These technologies can reduce electricity usage and emission gases. Therefore, Universitas Islam Negeri Walisongo Semarang has been contributed in the acceleration of sustainability environment management programs.

Appliance	Total Number	Total number energy Efficient appliances	Percentage
LED Lamp	14727	5058	34,345 %
AC Eco-friendly	1234	626	50,73 %
Exhaust fan	594	154	25,925 %
		<b>Total Percentage</b>	<b>35,26 %</b>

Additional evidence link: <https://wegreen.walisongo.ac.id/walisongo-green-campus/energi-dan-perubahan-iklim/>