

Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Sebelas Maret
Country : Indonesia
Web Address : <https://uns.ac.id/> web greencampus UNS <http://greencampus.uns.ac.id/>

[2] Energy and Climate Change (EC)

[2.6] Elements of green building implementation as reflected in all construction and renovation policy



Figure 1. Natural ventilation is applied in UNS Inn by using Roster Bricks.



Figure 2. Natural Ventilation is also applied in Student Center Building by using permanent windows, which flow natural air circulation.





Figure 3. Natural lighting has been applied by using glass natural light reflector for roof and wall in Library Building, Faculty of Medicine, Post Graduate Building and other buildings.



Library Building

Nurul Huda Mosque



Building E of Faculty of Agriculture UNS

Figure 4. The use of Environmental Friendly Building Material , such as tempered Glasses, light glass wall.

Description:

Elemen of Green Building in UNS has been applied in some ways :

1. Natural circulation System appliance to communal spaces in some buildings, such as : main entrance of UNS Inn Building and some class rooms in Faculties.
2. Appliance of Permanent opening System using roster brick wall opening for ensure the flow of natural fresh air during a day as, protect building from rainwater in rainy season, as well as for decoration material.
3. The use of natural ventilation such ass glass block to catch the daylight in the afternoon . This is applied in the Library Building, Nurul Huda Mosque, Postgraduate Building, and the Faculty of Medicine.
4. Ecological and Energy Efficiency building material applied in Faculty of Agriculture using light brick material for wall