

## Evidence for 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. Some buildings in UNS uses roster as natural ventilation as applied in UNS-Inn



Figure 2. One of buildings in UNS, for example Student Center Building uses natural ventilation windows for having natural crossing ventilation daily. .



Figure 3. Natural lighting has been applied in some buildings in UNS by utilizing glasses windows in order to limit the use off electricity in daytime, such as in the Library Building, Medical Faculty building, and Post Graduate Building and other UNS buildings.



Library building



Nurul Huda Mosque UNS



Building E Faculty of Agriculture Universitas Sebelas Maret Surakarta

Figure 5. The use of environmental friendly building material such as tempered glass;  
Penggunaan bahan material ramah lingkungan: kaca tempered, light bricks material

#### Description:

Element of Green Building Implementation reflected in Building Construction Policy as follows :

1. **Natural ventilation system** implemented especially in the communal space such as in Side Entrance of UNS-Inn and in the some class rooms in some Faculty buildings
2. **Permanent opening system**, by using wall ventilation holes for increasing natural cross ventilation inside the room, avoiding rainy water coming into the room, as well as creating better performance of the building with special character
3. **Daily light lighting system** by designing wall ventilation holes implementation in the Library Building, Class rooms; Nurul Huda Mosque, Post-graduate Building, and Medical Faculty Building
4. **The use of efficient, affordable and ecological building materials**, as presented in Building E Faculty of Agriculture