

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/>

[3] Waste (WS)

[3.1] Recycling Program For University Waste

There are several waste recycling programs in Sebelas Maret University, including:

1. composting program for recycling organic waste



(a)



(b)



(c)



(d)

2. recycling waste water using sawage treatment plant (STP)



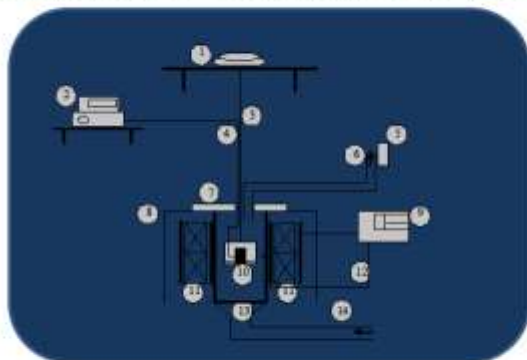
3. partially, recycling toxic waste water (waste water Laboratory) using waste water treatment plat (WWTP)



4. The use of PIROLISIS to recycle a plastic waste into the fuel oil energy . Every 10 kg of plastic will be recycled to 4 liters of fuel oil energy..



Skematik Peralatan Pirolisis



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|-----------------------|---------------------|------------------|
| 2. thermocouple water | 3. kawat penghubung | 4. thermocouple |
| 6. separator gas | 7. tutup furnace | 8. furnace |
| 10. separator lic | 11. elemen pemanas | 12. thermocouple |
| 14. sakum udara | | |

Description:

Recycling Program For University Waste in UNS has been implemented in several actions as follows:

1. Composting program for recycling organic waste
2. Recycling waste water using sewage treatment plant (STP)
3. Partially, recycling toxic waste water (waste water Laboratory) using waste water treatment plat (WWTP)
4. The use of PIROLISIS to recycle a plastic waste into the fuel oil energy . Every 10 kg of plastic will be recycled to 4 liters of fuel oil energy..