





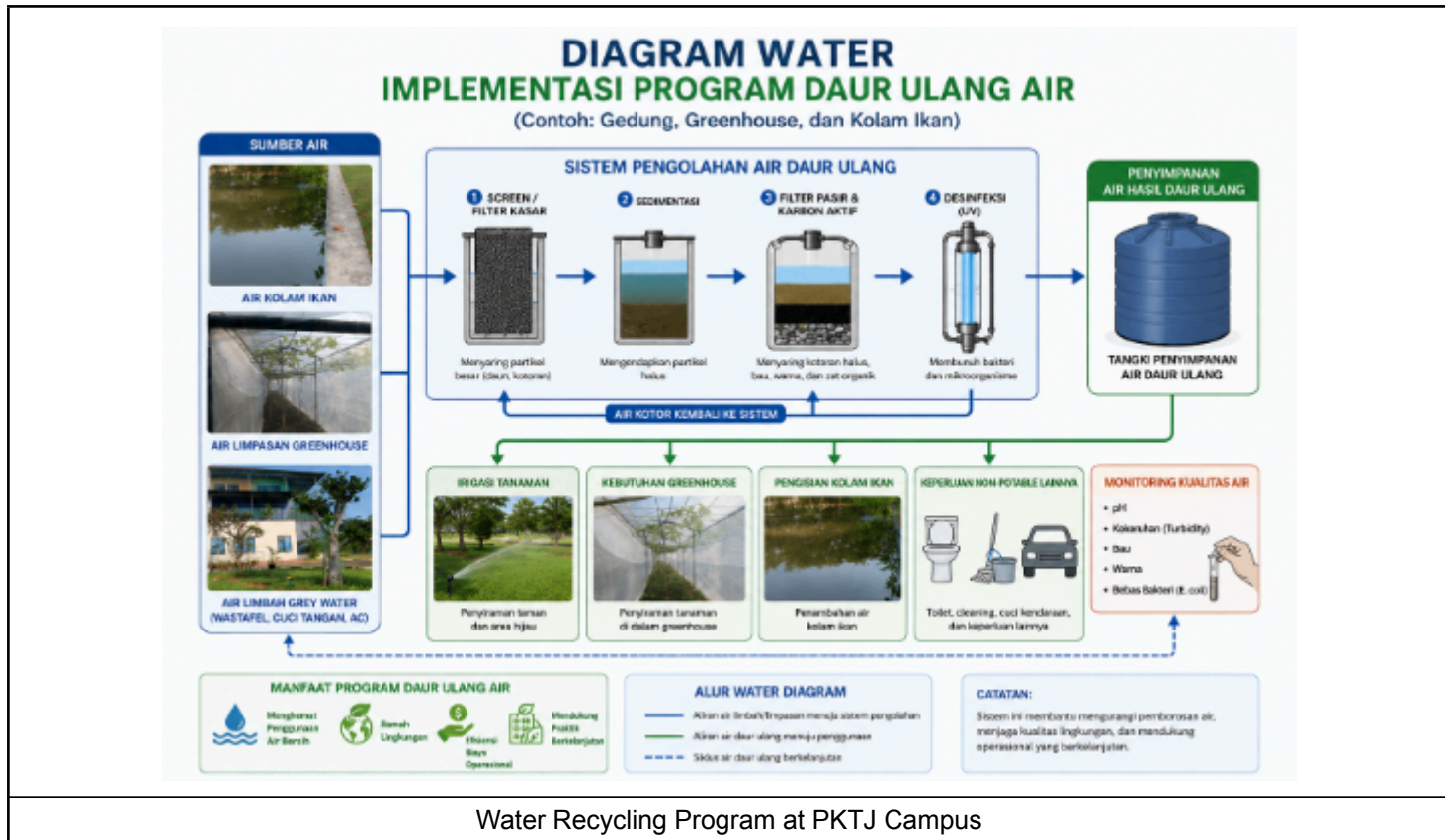
UI GreenMetric Questionnaire

University : Politeknik Keselamatan Transportasi Jalan
Country : Indonesia
Web Address: <https://pktj.ac.id/>

[4] Water (WR)

[4.3] Water Recycling Program Implementation (WR.3)

	
campus 2	Campus 1



Description:

The Water Recycling Program in the PKTJ environment is implemented by utilizing various water sources available on campus, such as fish pond water, greenhouse runoff, and grey water waste from daily activities. Based on documentation at Campus 1 and Campus 2, these air sources are collected and reused through irrigation systems and watering in the campus' green areas. This program is supported by facilities such as reservoirs, greenhouses, distribution pipe networks, and sprinklers used to maintain air requirements in parks, fields, and other areas.

The implementation of the Water Recycling Program at PKTJ also reflects the application of sustainable air resource management principles to support campus operations. By reusing water that could potentially become waste, the campus is able to reduce pressure on clean water resources while increasing the efficiency of available resource utilization. This system not only serves as a means of air conservation but also forms part of the institution's efforts to implement a green campus concept.

In addition to providing environmental benefits, this water recycling program also has significant educational value for the academic community. The air treatment and reuse facility can serve as a direct learning medium for air treatment technology, natural resource conservation, and responsible environmental management practices. Thus, this program not only generates operational benefits in the form of savings in air use and maintenance costs, but also contributes to building environmental awareness and a culture of care among students, educators, and all users of campus facilities.

Documentation :

https://drive.google.com/drive/folders/1mF8zNpa-m7XeoOd_nMxKGRZeh_y26cZy?usp=drive_link