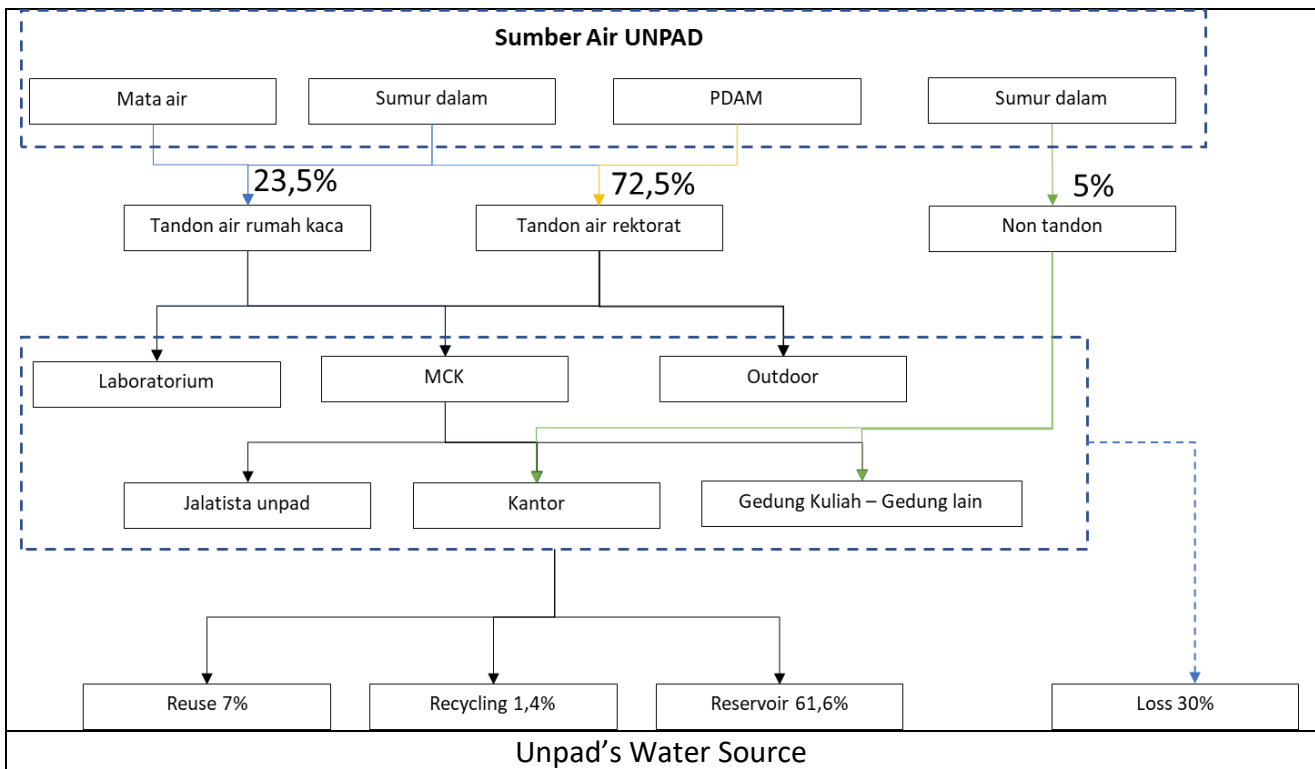




Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Padjadjaran
Country : Indonesia
Web Address : <https://unpad.ac.id/>

Water Discharge Scheme





Deep well water installation



Main water reservoir



Main water reservoir 2



Water springs



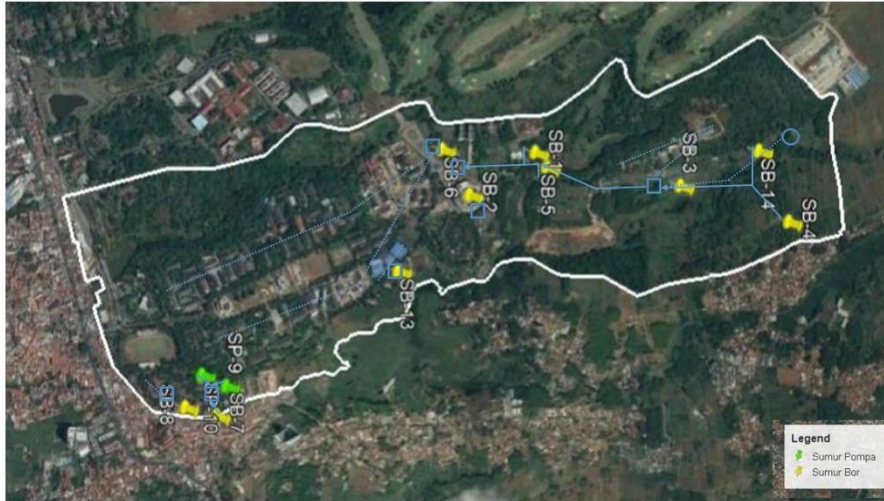
Local water reservoir



Jalatista UNPAD



Generator and Filtration Channel of Nanobubble Technology



Picture of Well location in Unpad

In the consumption of processed water, Unpad has its own Standard of Procedure. Effluent of gray water and black water treatment through IPAL is a control pond (biological treatment) and then flowed into Check dam and Unpad Basin. Check dam and Unpad Basin water has been widely utilized in the Unpad Jatinangor area, some of which are garden watering, watering experimental gardens, irrigation of residents' rice fields, and water sources for fire trucks. Here are some innovations in the use of processed water.

1. Nanobubble Technology for Bale Tatanen and Koi Fish Breeding

Unpad also has nanobubble technology for irrigation in Bale Tatanen and koi fish breeding. Bale tatanen is Unpad's hydroponic business and innovation center. Bale Tatanen has 4 green houses that focus on growing tomatoes, chili peppers and leafy vegetables for sale. Bale Tatanen creates hydroponic farming technology that is environmentally friendly and produces healthy products. In addition to Bale Tatanen, nanobubble technology is also utilized in Unpad's koi fish breeding in Ciparanje.



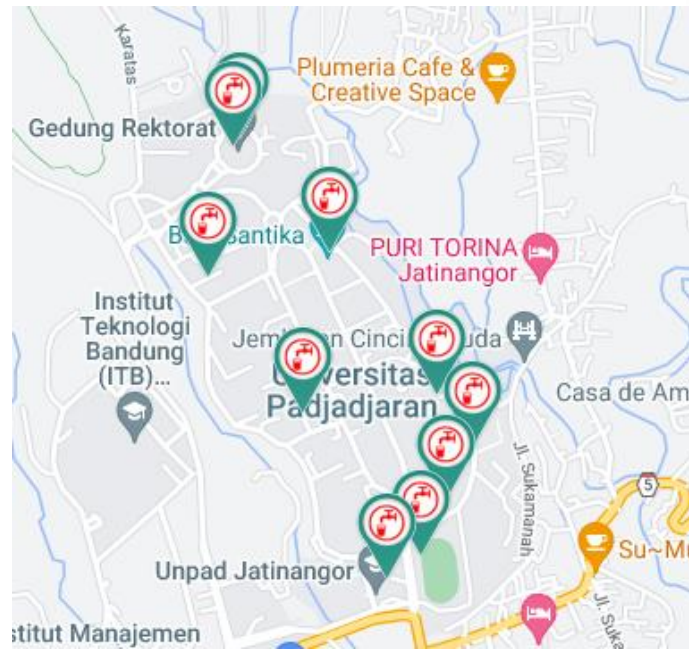
Gambar aktivitas panen tomat di Bale Tatanen



Picture Koi Fish Breeding in Cipareanje

2. Jalatista

Jalatista is a ready-to-drink water supply program for Unpad Jatinangor campus residents. Jalatista uses reverse osmosis technology in its water treatment. Unpad has 11 jalatista points spread around the Unpad Jatinangor campus area. During the pandemic period, only one jalatista was operating, which was the jalatista in the Rectorate area. For now, all existing jalatista facilities can operate and be used. Jalatista location points have been integrated in the map which can be seen in the following image



Titik Lokasi Jalatista

Additional evidence link (<https://siat.unpad.ac.id/sarpras/jalatista/>)