



# University Sultan Ageng Tirtayasa Sustainability Report

J.A.W.A.R.A | 2020





Integrated,  
Smart and Green  
University

- Firmly established on October 1, 1981 and
- Proudly declared a State-University in Banten Province in 2001.
- Nationally Accredited 'Excellent University'" (Accredited A)
- Center of Food Security in Indonesia



## ABOUTUS

- Strategically located in Banten Province, 70 km from Jakarta.
- Surrounded by vast national resources
- Centre of higher education in the Banten Province



Integrated,  
Smart and Green  
University



Upgrading the quality, relevance, and education competitiveness along with excellent and competitive graduates with good personality in ASEAN



Increasing the quality and quantity of innovative research and community service based on the needs according to current development



Enhancing and carrying capacity of good university governance as the implementation of Integrated, Smart, and Green (It'S Green) University.

## VISION&MISSION2019-2023

Becoming an integrated, smart and green univeristy that is excellent, valued and competitive university in Aseanby 2030

# GOAL



Integrated,  
Smart and Green  
University



Your Logo or Name Here

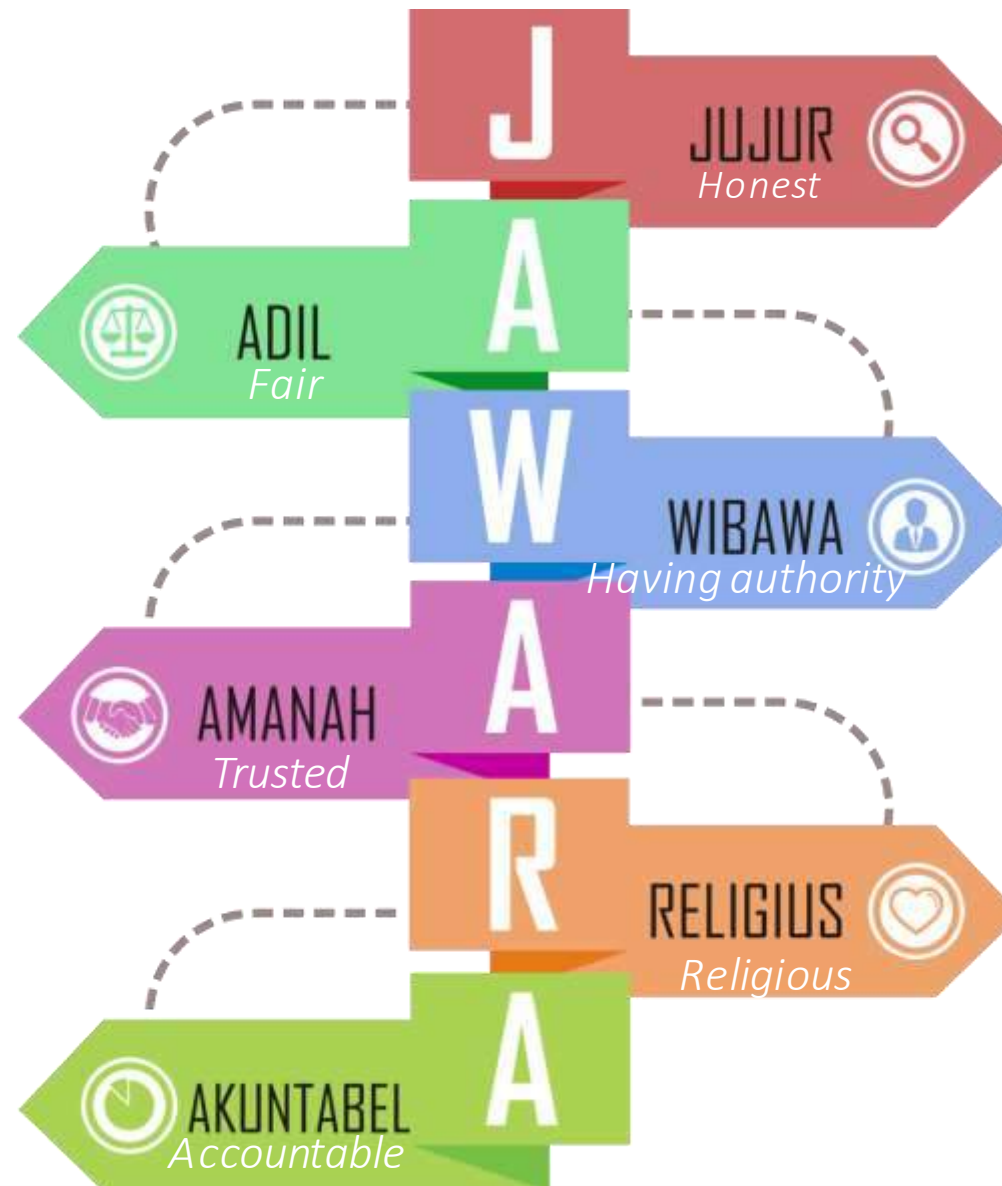


# VALUE

# CHAMPION



Integrated,  
Smart and Green  
University



Your Logo or Name Here



# FACULTIES



Integrated,  
Smart and Green  
University

## Undergraduate Program



Law  
Science



Engineering



Agriculture



Teacher  
Training and  
Education



Politics and  
Social  
Science



Medicine

## Graduate Program



- Indonesian language education
- Learning Technology
- Law Science
- Public administration
- Accounting
- Management
- English education
- Mathematics education
- Agriculture
- Communication
- Chemical Engineering

# SUSTAINABILITY ASPECT CONCERNED IN UNIVERSITY OF SULTAN AGENG TIRTAYASA

Infrastructure



Water



Energy



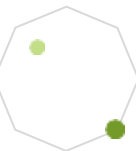
Transportation



Waste



Education



# SETTING AND INFRASTRUCTURE



Campus A



Campus B



Campus E



Campus C



Campus D

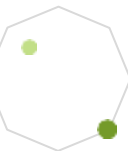
Total campus area (m<sup>2</sup>) 208003

Total campus buildings area 12338

Campus Setting located in suburb

About 38% of area are covered with vegetation

There are more than 17.000 student and staff in the University





# Energy

## 3 Sources of Renewable energy



Bio Diesel



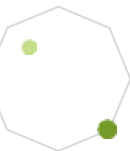
Solar Power



Wind Power



Example of LED light usage, Air Conditioning Inverter system for green building and energy saving



# Waste

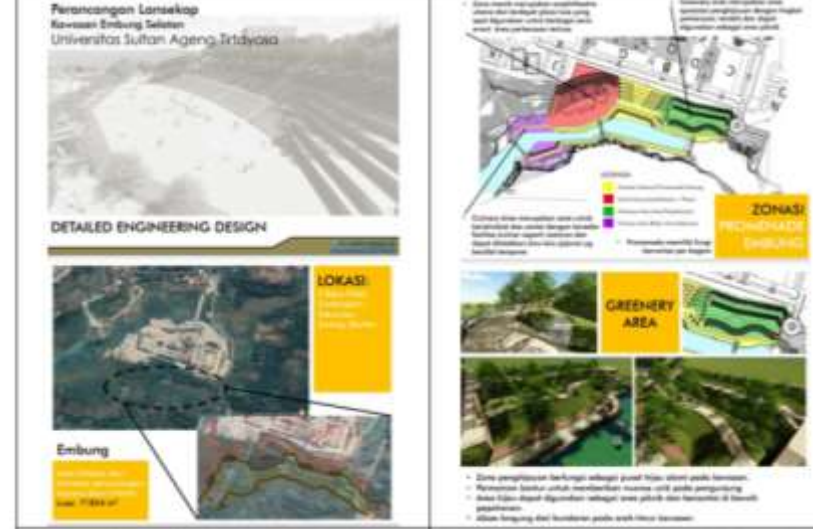


Toxic waste managed previously by a third party

Waste processing in University of Sultan Ageng Tirtayasa Legalized by Rector's decree No 636/UN43/KPT.PR.00.00/2020



# WATER



**UNTIRTA Rector Decree Number 634 / UN43 / KPT.PR.00.00 / 2020 concerning THE IMPLEMENTATION POLICY FOR WATER CONSERVATION IN UNTIRTA CAMPUS, it regulates the following:**

1. The Implementation program of Zoning and implementing water conservation in Campus B / Untirta - Cilegon campus and Campus E / Untirta - Sindangsari campus.
2. The Program for implementing local and natural protection functions; as conservation zones to create balance and anticipate disaster-prone areas, which include conservation of botanical forests and the lungs of the area, river boundaries, and disaster evacuation zones.
3. The green open space implementation program includes green open space for slope conservation, water catchment areas, retention and detention facilities in campus A / Untirta - Pakupatan, campus B / Untirta - Cilegon, campus C / Untirta - Ciwaru, campus D / Untirta - Kepandean, campus E / Untirta - Sindangsari.
4. The Implementation of bio pore hole drilling programs and infiltration wells in all campus areas in UNTIRTA.
5. The Program for implementing greenery area; a green open space zone area with a low level of pavement which has a function as a recreation area for campus A / Untirta - Pakupatan, campus B / Untirta - Cilegon, campus C / Untirta - Ciwaru, campus D / Untirta - Kepandean, campus E / Untirta - Sindangsari.

# Transportation



UNTIRTA campus provides campus bus services for free to support the accessibility of the academic community,



To create a pollution-free campus environment, currently, UNTIRTA has provided bicycle services for free; used in the campus



# EDUCATION AND RESEARCH

## Activities

There are 13 student organization related to sustainability with 67 event carried out related with sustainability. About 100 scholarly publication on sustainability are published



Student Activities for planting trees

## Course and Research

About 15% course offered are related to environmental and sustainability

About 30% from total fund is dedicated to sustainability research

