



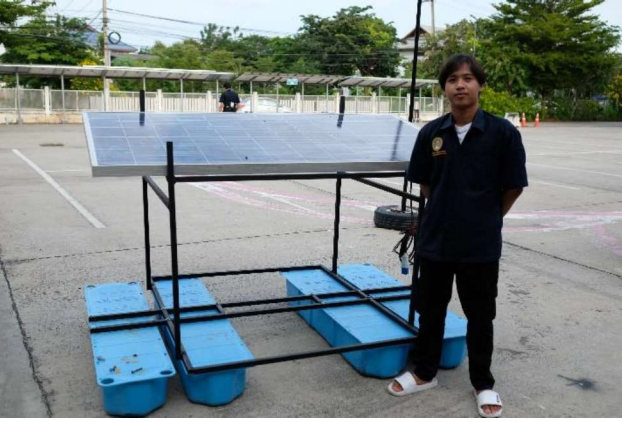



University : Phranakorn Si Ayutthaya Rajabhat University (ARU)
Country : Thailand
Web Address : www.aru.ac.th



[2] Energy and Climate Change (EC)

[2.13] Number of innovative program(s) in energy and climate change

	
<p>Innovative Program for energy and climate change (ARU, Thailand)</p>	<p>A solar cell tracking system (ARU student project).</p>
	
<p>Testing the buoyancy for a solar cell system. (ARU student project).</p>	

Description:

1. Using energy from solar panels to improve water quality by means of a plant filtering system.
2. Producing Automate Trash collecting machine to promote the ease of recycling trash.
3. Automated door at the entrance of the buildings to reduce the loss of air conditioning.
4. Real-time energy consumption management to collect data for analyzing programs to reduce the use of energy.
5. Solar-panels tracking designing a system that allows solar panels to track the sun, with the ability to adjust the angle of the solar cells in order to follow the sun from sunrise to sunset.
6. Floating platform for solar cell was designed for wastewater treatment system or electrical appliances in the future.