

# Cultivating Green Energy at the Universitas Indonesia Towards Sustainable Campus

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**Abstract.** This paper focused on the energy management in Universitas Indonesia (UI) Depok Campus based on the Master Plan and the implementation since 2013 to present. Some developments and improvements have been made during the last four years. Since 2014, there are some infrastructures have been installed inside such as LED lamps, real-time energy metering and monitoring system, green chilling system installment, solar photo-voltaic development, Solar cooling absorption chiller system, Air conditioning with VRF/VRV system, and green certified building. Considering these challenges on renewable energy development in initial stage has resulting UI stays at rank #125 in UI GreenMetric 2016 for “energy and climate change” category. Even though some target and prestige have been achieved, several home works and challenges need to be accomplished in the near future to ensure and maintain the energy management at Universitas Indonesia towards sustainable campus in the ever competing environments around the globe.

**Keywords:** Climate Change; Green Campus; Renewable Energy; Sustainable University; Universitas Indonesia