Utilization and Evaluation of PECS in a Research Facility Office in Japan



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T Innovation Center	
Location	Tsukubamirai-city, Ibaraki, Japan
Hight	2-story building (15.5m)
Target office	2 nd floor with Activity Based Working (ABW)
Floor Area	Office building:4,750m2Laboratory building:6,050m2
Energy System	Groundwater heat exchange Wood biomass heat and power supply system (CHP) PV panels 200 kW Battery power storage 4,600kWh
	AND
Certification in 2020 (5 stars, Nearly ZEB)	Certification in 2020 (Gold) Certification in 2020 (Superior (S) rank) ASHRAE Technology Award 2024 (Commercial Building, New), Second Place
Department of Architecture, WASEDA University	3





































