

Technology definition	A technology for optimizing energy efficiency of core parts and existing buildings in the expansion of zero energy building
Keywords	Building energy efficiency, Passive, Active, Energy management, Renewable, Wall, Window, lighting, Monitoring, BEMS, HEMS, BIPV, Geothermal, LED, Insulation, HVAC, Window, Sunshade, Pump, Fan, Renewable energy, Cooling & heating system, High efficiency system, Zero energy house, Plus energy house, Ecological architecture, Passive house, Zero energy building, Eco industrial complex, Resource recycling, Zero energy, Carbon neutralization, Green House Gas, New regeneration energy, Green remodeling, Resources recycling, Sustainability, Resources Saving, life cycle assessment, Smart grid
Related sub-technology	<ol style="list-style-type: none"> 1. Active architecture (lighting, air conditioning system) 2. Passive construction (window (envelope), insulation (material), shade) 3. House and building energy management (HEMS, BEMS) 4. Renewal of buildings (Renewable energy facilities such as photovoltaic, wind, etc.)