

Independent Village Planning Based Eco Village and Save Energy in Region of Maritime Tourism

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Abstract : Eco-village is an ecosystem where the countryside or urban communities that are inside trying to integrate the social environment with low impact way of life to achieve this, they integrate the various aspects of ecological design, agriculture permanent, ecological building and the alternative energy. Eco-village in question is eco-village conducted on of marine tourism areas, where natural resources are very good, without ignoring the global issue of climate change. Desperately needed a source of energy, which can support the fulfillment of energy needs in a sustainable. Fulfillment of energy sources that offer is the use or application of environmentally friendly technologies of usage is still very low in Indonesia, the technology namely the Ocean Thermal Energy Conversion (OTEC), OTEC is expected to be a source of the alternative energy, which can support the goal of eco-village of the region's of marine tourism.

Keywords : eco village, saving energy, ocean thermal energy conversion, environmental engineering

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