

ABSTRACT

Global warming is an event where the sun's rays are trapped in the earth which causes the temperature on the earth to increase which can cause bad effects for the environment and humans. One of the causes of global warming is the use of fossil energy as fuel for vehicles both land, sea and air that produce (CO₂).

In research, fuel oil will be activated by electrical energy, the author uses a solar panel to convert sunlight into and stored in a battery which will then control the DC motor so that it will rotate the ship's propeller which causes the ship to move while the ship used in this study is a miniature ship made of cork.

The solar panels used are very effective at converting sunlight into electric current, while the battery can operate for 6.5 hours to 7.5 with a condition of 15.85 Volts to a minimum battery limit of 11.46, and a miniature ship made of cork can accommodate ship load

Keywords: *Ship Propulsion, Electricity, Sun.*