



## Solid Biofuel Technology

# PRECER *Marine*

PRECER develops technical solutions for small-scale power generation through solid biofuel combustion. The technology is adjustable to generate electricity for as well hybrid vehicles, hybrid boats as smaller power plants. PRECER renders the necessary step towards breaking the need for fossil fuel through passing on to using environmental friendly solid biofuel technology.



Services



Autotech



Transport



Machines



Marine



Power Plants

### PRECER *Marine*

#### *Solid biofuel driven hybrid boats*

PRECER Marine is working with the marine applications of PRECER's technology. PRECER Marine offers converting of existing boats and smaller ships, as well as production of new boats in cooperation with boat manufacturers.

PRECER Marine's technology gives:

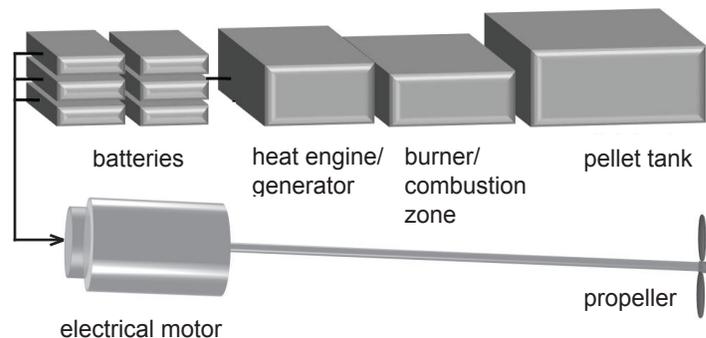
- **An improved experience:** *silent-running motor, simplified fuel handling*
- **A lowered environmental impact:** *CO<sub>2</sub> neutral, low emissions*
- **A flexible system:** *heating possibilities, electricity and hot water on board*

### PRECER's Patented Technology

#### *An electrically propelled boat, recharged through pellet combustion*

The base of PRECER Marine's concept is a serial hybrid boat, recharged through pellet combustion. The fuel is fed to a burner in a combustion zone, where it is burnt. This creates heat, which is lead to a heat engine, where it is converted to electrical energy. The electrical energy is stored in batteries, which powers an electric motor, driving the propeller.

#### *Simplified overview of a drive train in a pellet driven hybrid boat*



For more information please visit [www.precer.com](http://www.precer.com) or call +46 (0) 54 54 54 40

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