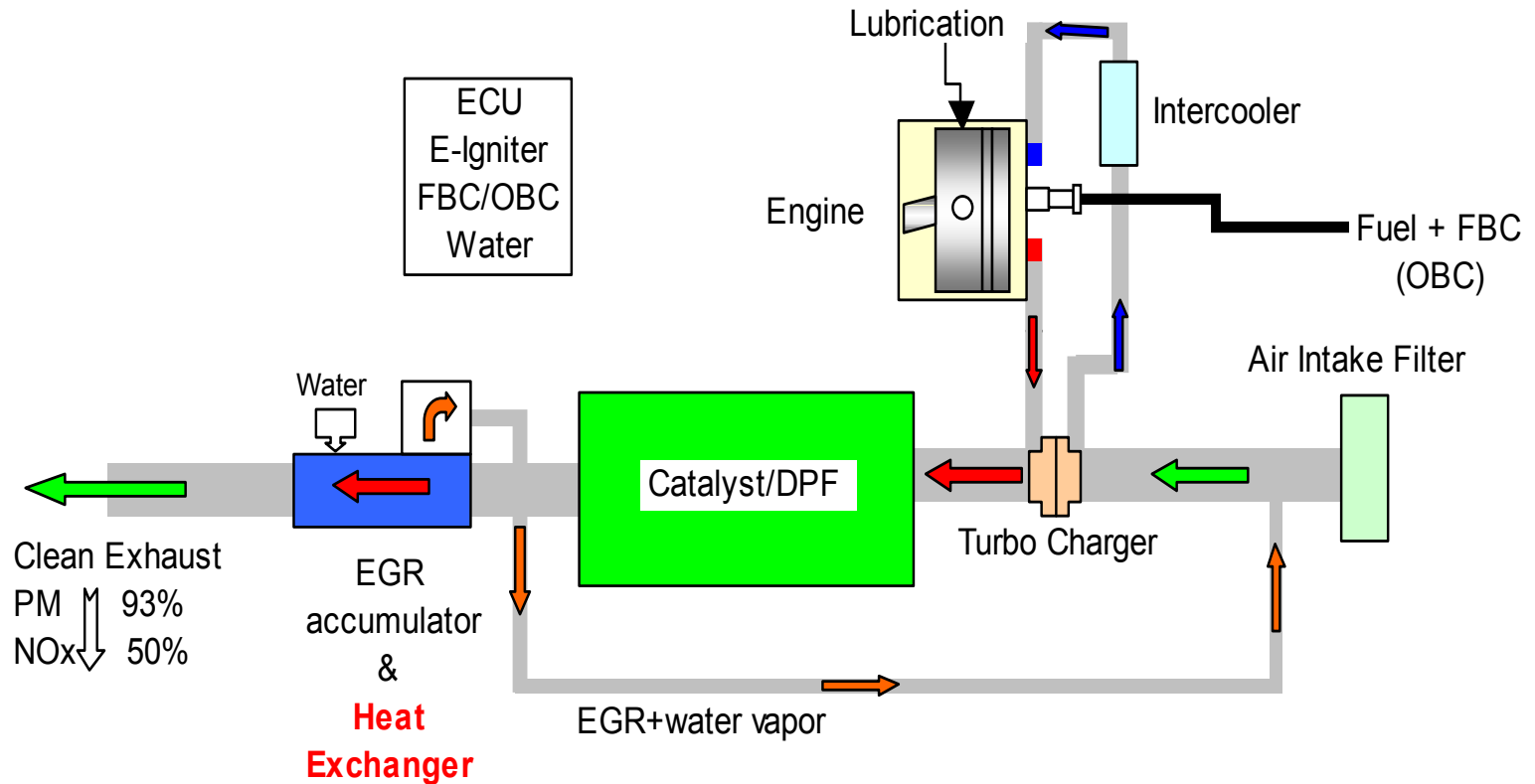


# DPF-"Hydrated EGR" Fuel Saver System

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Patent Pending, PCT, International  
[www.autogreenpower.com](http://www.autogreenpower.com)

# GreenPower™ Muffler, Hydrated-EGR system has 2 substantial benefits – NOx reduction and improved fuel efficiency

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## **NOx REDUCTION**

By introducing water vapor into the combustion chamber, combustion temperatures are reduced, thus reducing the formation of NOx

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## **FUEL EFFICIENCY + + +**

Waste muffler heat is recovered to heat water to steam.

When steam is introduced into the combustion chamber, additional H<sub>2</sub> is generated by a steam-fuel reforming reaction at high temperatures.

### **MECHANISM**

- 50-60% reduction of NOx

- 10-15% reduction in fuel consumption established in theory and road test.
- The Port of Los Angeles will support to demonstrate on a huge diesel engine for Vessel.

### **PROPOSED RESULTS**