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engines can be  
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(ICE) is a heat  
engine in which the  
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fuel occurs with an  
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air) in a combustion chamber that is an integral part of the working fluid flow circuit.

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which transforms

the chemical

energy of a fuel

into thermal

energy and uses

this energy to

produce

mechanical work.

Engines normally

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energy into mechanical work and, therefore, they are called heat engines.

When fuel burns in the presence of atmospheric air, a

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technological

innovation that has

changed the world.

It is considered

both as one of the

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engines (ICE) still have potential for substantial improvements, particularly with regard to fuel efficiency and environmental compatibility. In order to fully exploit the remaining margins, increasingly sophisticated

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ranging from

marine propulsion  
and power

generating sets

with capacity

exceeding 100 MW

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