

WIDE RANGE OF APPLICATION OF ALTERNATIVE FUELS

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The damage that transport causes to the environment is much greater than any other industrial sector does. That's the main reason why searching the alternative way to make the car go is very important. Nowadays companies compete in engineering and creating non-petrol engines, which would be the best in terms of quality, cost of production, capacity and ease of use. Arrangement of infrastructure for transport working on such engines is a complexity comparable with designing and production of such engines, and also another item of expenditure. In this case, the persistent actions of engineers and companies to find the perfect ratio between the price of production and performance is clearly visible.

The most promising projects are the development of electric cars and hydrogen-fueled cars, which have no emissions in the atmosphere. Despite the fact that there are already many electric models in the world, there is still no suitable infrastructure for this type of engines. The complexity of the production of electric industrial transport is the next point why cars powered by electricity cannot become a complete replacement for cars with internal combustion engines at the moment. Hydrogen-powered cars compete with electric vehicles, however, hydrogen is much more expensive than electricity right now. Competition of electric vehicles and hydrogen-fueled cars will lead to the fact that many different types of engines will coexist in the world in the future.

It is also possible to consider the use of natural gas, as natural gas has emerged as a cheap, environmentally friendly and abundant alternative to diesel and other fuels in applications across a number of industries. Industries that demand high-horsepower engine applications are especially interested in this economically and environmentally viable fuel.

Complete abandonment of internal combustion engines will lead to a decrease in the rate of global warming and a serious reduction in the amount of carbon dioxide emissions into the atmosphere, as electric power plants will massively start working on solar or wind energy.