

## Turkish firm invents more efficient fuel with boron

▶ A Turkish technology firm in Edirne has produced fuel with boron through the use of nanotechnology.

**NNT** Nanotechnology and Boron Products General Manager Mehmet Can Arvas said the invention was a result of the need to find alternative energy resources amidst the increased threat caused by the world's depleting fuel reserves.

The new fuel is currently only being used as an ingredient of the gas or diesel used in fuel tanks but Arvas is hopeful that it will replace these carbon-based fuels once compatible engines are produced. "We are so happy that we have managed to put boron into fuel tanks after 20 years of research and development studies. Our company is also carrying out studies to develop boron-compatible vehicles," Arvas said.

Speaking to the Anatolia news agency on Wednesday, Arvas also said the storage problems related to hydrogen, which is known as a clean and environmentally friendly fuel, prompted scientists to look for an alternative product, finally managing to invent what the company is marketing in Turkey and Europe as "Bor Power Nanofuel."

Arvas said vehicles using fuel containing boron would be able to travel 1,300 kilometers on the same amount of gas that a car using ordinary fuel would need in order to travel 1,000 kilometers. A reduction in pollution is another benefit of the new boron product, he added. **Istanbul** Today's Zaman