



Press Release No. 5/01
5. December 2001



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Hydrogen Fuel is the way to less CO₂ emissions

Transport is the great uncertainty in climate protection

On the occasion of the publication of the Energy Report by the German Ministry of Economics and Technology DWV states these facts:

Only a considerable reduction of the CO₂ emissions from the transport sector would make it possible to reach the goals set by the Kyoto protocol. This is even more true for the national goals set by the Federal Government which are still more ambitious (-25 % from 1990 to 2005, -40 % to 2020).

Reduction of fuel demand and less and better directed traffic is only one step towards this goal. Above all the reduction requires new fuels - fuels that are produced on the basis of renewable energies and contain less carbon than the present ones. Hydrogen as fuel is the optimum solution: it does not contain any carbon at all, and thus its use generates no CO₂, at least locally.

All major car manufacturers of the world develop the corresponding cars. They intend to introduce them in the market around 2010, utility vehicles a bit earlier. In a parallel move the supply infrastructure must be created. This means that there is a demand to politics to create suitable boundary conditions.

The figures published on 27. November by the government support the DWV position: between 1990 and 1999 the CO₂ emissions in Germany from trade and services dropped by 36 %, from industry by 32 %, from generation and transformation of energy by 19 %, and from private households by 4 %. Those from traffic and transport, however, rose by 15 %. Since all experts predict a further increase of the demand for mobility the transport sector could undo all plans for the reduction of the CO₂ emissions.

DWV press release 5/01 of 5. December 2001
Published by the German Hydrogen Association, Berlin
Editor: Dr. Ulrich Schmidtchen, Berlin

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