

Will hydrogen be able, to solve the energy problems of the world?

Arno A. Evers



Abstract: Recently, there has been more and more talk about hydrogen in the energy and transport industry. There are some powerful government programs for its introduction. But is this the solution to our energy problems? Hydrogen is not, what many people imagine, an environmentally friendly energy source. It is a technical gas, which was used since the 1930s for a number of industrial applications. Like in the food and glass industry, and mainly for making fertilizer. Hydrogen has to be made first on earth, it might be, one far day, used as an energy carrier. But that will be rather expensive. Considering the conversion and transport losses, this does not make much sense, when knowing the facts and figures of "our" today's existing energy infrastructure. If we really want to save the world, we have to start different.

What will audience learn from your presentation?

- Earth's Energy Balance
- Worldwide Energy Production by Source
- The German Power Grid
- Hydrogen and the Laws of Physics
- Four steps to a new Energy Supply
- Can 35 Cars power one Skyscraper?
- Use of a Personal Power Provider (3P+)

Biography of presenting author

Arno A. Evers was born in 1946 in Hamburg. After several years in the oil survey industry, he worked for Messerschmitt Boelkow Blohm (MBB) in Hamburg before he became a press spokesman in 1985 for MBB at their Munich headquarters. Arno was responsible for Public Relations and Press-work at the first years of the introduction of the European Airbus into its commercialization. In 1995, Arno founded the Group Exhibit Hydrogen and Fuel Cells at the HANNOVER FAIR which developed over the years to become Europe's largest industry and research gathering, taking place annually at the Hannover Fair in Germany. Until 2006, he led and owned the entire organization. Thereafter he attended numerous H₂/FC conferences, trade shows and events worldwide. Evers is now building a community in the Philippines to demonstrate the world, how cheap, easy, straightforward and environmentally friendly the energy supply of the global population in future can and will be.

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