

PREFACE

Fossil fuels (i.e., petroleum, natural gas and coal), which meet most of the world's energy demand today, are being depleted fast. Also, their utilization is causing global problems, such as the global warming, climate change, ozone layer depletion, acid rains, oxygen depletion and pollution, which are posing great danger for our environment and eventually for the life in the planet Earth. Many engineers and scientists agree that the solution to these global problems would be to replace the existing fossil fuel system by the Hydrogen Energy System. Hydrogen is the most efficient and the cleanest fuel. Its combustion will produce no greenhouse gases, no ozone layer depleting chemicals, little or no acid rain ingredients, no oxygen depletion and no pollution.

The book “The Hydrogen Society - more than just a vision?” covers the concept and the developments relating to Hydrogen Energy from the beginning of 20th century on, follows historical and logical sequences showing that a real renewable hydrogen society is achievable, and it would be the permanent solution to the global energy and environmental problems caused by the fossil fuels. It elucidates the developments in energy area in general, and Hydrogen Energy and Fuel Cells areas in particular. Following the adage “One picture is better than one thousand words”, the book is lavishly illustrated. The conclusion is that the Hydrogen Society is not just a vision, and should be realized in a not too distant future, ensuring that the Planet Earth will be hospitable to life and the humankind will have clean and abundant energy.

I strongly recommend this excellent book to energy engineers, industrialists, environmentalists and decision makers, as well as to those interested in the future of humankind and the welfare of the planet Earth.



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