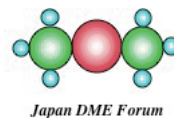


The English edition

# DME Handbook Supplement



Edited and published by Japan DME Forum  
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**For strategists, researchers, and engineers in Energy industry**

— **This book is a translated and enlarged edition of the original Japanese edition “DME Handbook Supplement” edited and published by Japan DME Forum in April, 2011.**

— **Two original contributions from ENN in China and KIT in Germany additionally included!!**

— **Issued in October, 2011.**

## ◆ From the Preface

The Japan DME Forum (JDF) published the DME Handbook in April, 2006 and its English edition in October, 2007. This work has received a favorable review worldwide as the sole and comprehensive reference book on DME.

In the five years since the DME Handbook was published, a large number of DME production plants came into operation and the commercial use of DME has spread rapidly in China and a DME production plant for promotion was constructed in Niigata in Japan.

A Bio-DME project has started in Sweden with the goal of the CO<sub>2</sub> emission reduction. Detailed tests of LP gas/DME blend for various LP gas appliances were conducted, and DME seal materials and a non-sulfur odorant for DME were developed. Test runs of a DME truck exceeded 100,000km and its durability was confirmed. A high-speed filling system for DME vehicle was developed. For the standardization of DME fuel, not only domestic standards in the individual countries but also International Standards are being discussed.

The JDF has published the DME Handbook Supplement in Japanese in April, 2011 in order to compile these important data. The JDF hopes this DME Handbook Supplement with the former DME Handbook will contribute to promote further practical use of DME.

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