

Authors contributed to the handbook

Over 30 experts volunteered to contribute to the Handbook. In alphabetic order they are:

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11. Ms. Ling He, China
12. Ulrik Henriksen, Denmark
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Background information

The purpose of the second Handbook is to provide the reader with information on various aspects of Biomass Gasification, it's current status, future prospects, etc. This Handbook is composed of the following sections:

1. Updates of chapters from the first Handbook like Success Stories
2. New developments on gas conditioning, feedstock and fuel feeding, supercritical and entrained flow gasification, methods on tar determination, and Health, Safety and Environmental (HSE) aspects
3. New subjects on various aspects of biomass gasification, like
 - a. permitting issues of biomass gasification
 - b. production of BioSNG, substitute natural gas produced by the methanation of biomass-derived syngas
 - c. gasification and combustion kinetics of biomass chars
 - d. entrained flow gasification of pyrolysis oil, which is considered as one promising route to "clean" syngas production
 - e. waste gasification with a special focus on plasma gasification. As the availability of biomass becomes more problematic (in terms of quantity and price) waste-to-energy technologies is considered to become a more attractive market
 - f. finally, two chapters are based on experiences from the past; one chapter is dealing with an overview of the developments on multi-stage gasification concepts, while a separate chapter is summarizing the results of a ten-years monitoring program of UNDP/World Bank.
4. Experiences in various countries. Country reviews of three important countries - as far as gasification is concerned - are included; from Germany and China.

Each chapter can be read separately and in a different order. As much as possible information from various sources is used to compile the chapters, but the information is by no means meant to be complete.

Order form

The handbook is printed in full colour with a hardcover and contains about 500 pages. It is available from BTG Biomass Technology Group in the Netherlands, and can be ordered directly from the website www.btgworld.com for 150 Euro, or fill in this order form.

Please fax this form to +31 53 486 1180 or send it by email to office@btgworld.com or mail to:

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