

# CFD aided design and other design tools for industrial biomass combustion plants

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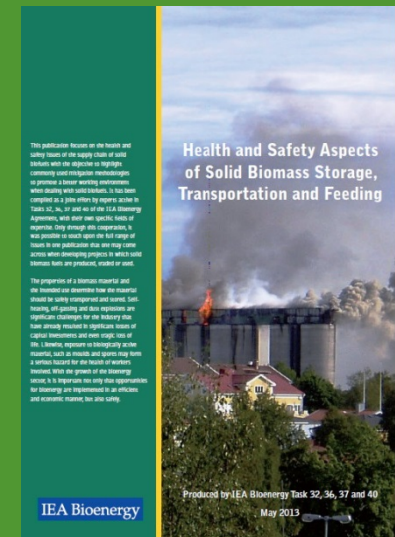
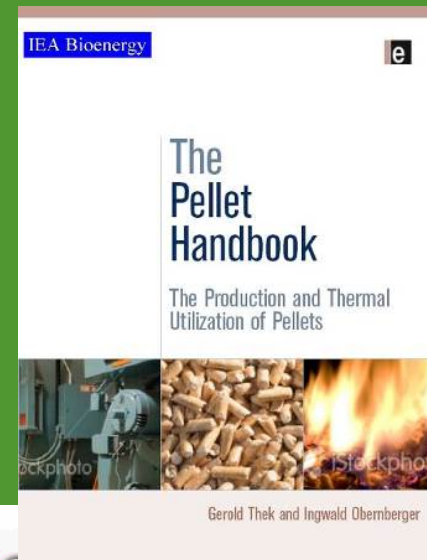
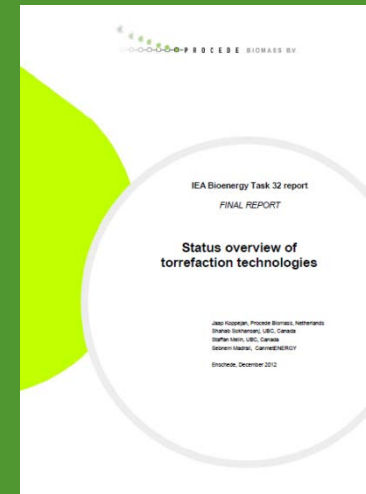
# IEA Bioenergy Task 32: Biomass Combustion and Co-firing

- **Experts from 12 countries:**  
Austria, Belgium, Denmark, Germany, Ireland, Japan, Netherlands, Norway, South Africa, Sweden, Switzerland, United Kingdom
- **Working together in:**
  - Cooperative projects
  - Meetings, Workshops, Conferences, Excursions
  - Cooperation with other Networks
- **Reports etc. can be found on our website:**  
[www.ieabioenergytask32.com](http://www.ieabioenergytask32.com)



# Some recent products

- Status overview of torrefaction technologies
- Health and safety aspects of solid biofuels
- Review of small particle removal technologies
- Handbook of Pellet production and utilisation
- Handbook of Biomass Combustion and Cofiring
- Paper on options for increased ash utilisation



# Why a workshop on CFD tools?

- Significant quality improvement of CFD tools over the last decade for design of industrial combustion systems
- Mainly applied for larger utility boiler installations.
- Potential also exists for of smaller scale boilers, avoiding the need of a 'try and error' approach for boiler design and reducing development expenses.
- This expert workshop aims to share practical experiences and address the current opportunities and limitations of CFD based boiler design, for industrial and utility boilers and cofiring applications.

