Summary and conclusions

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Results

• The DEBCO project gave the opportunity to acquire a considerable expertise and know-how for future co-firing projects, the retrofit of existing plants and the realisation of green-field advanced plants;
• The results of the DEBCO project will play an outstanding role in supporting the current efforts of several European countries to increase the electricity portion generated by renewable resources;
• The practical experience and the technical know-how strengthened with the activities relevant to the DEBCO project are documented in:
  » 71 private documents (51 deliverables, 5 technical reports, 15 meeting reports);
  » 48 publications (19 conference papers);
  » 4 techno-economic analysis reports on demonstration sites;
  » A Guidebook going to be issued in early 2013.
Open issues

Properly handling
Safety

Reliability of dedicated fuel handling and grinding systems
Safety

Sustainability and Reliability supply chain

Corrosion
Fouling slagging
UBC especially for high share biomass

Main pollutants for high share biomass
Micropollutant

Boiler performance

APCD performance

Ash quality and utilisation

Availability
Quality
Sustainability

Ashes characteristic for different biomass
Reliable utilization

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Acknowledgements

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- DEBCO Consortium:
Thanks for coming

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