



IEA Task 33 gas analysis report

Gas Analysis Workshop,
Berlin 7th-8th September 2017

Background info

- Collaborative report, coordination by ECN.
- Ambition: reference document of status of gas analysis applied to (biomass) gasification.
- Deadline: 30/06/2017
- Scope: report + video blogs.
- Structure: description of techniques available for each target compound + factsheets on measurement techniques.

Status

- Currently under construction (last update in webinar on 29th August 2017).

Task33 IEA Bioenergy
Gasification of Biomass and Waste

Gas analysis in gasification of biomass and waste

Guideline report
IEA Task 33 special project

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Working document

Authors	Disclaimer
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Candidates (so far) for video blogs

- CEN/TS 15439: ENEA, ECN
- Petersen column: ENEA
- SPA: CIEMAT, ECN
- Wet chemical analysis: ECN
- MS: CIEMAT
- DTU: tar sampling in pilot-scale LT-CFB gasifier
- U Stuttgart: Specialized setup for steam gasification with quench and big first bottle.

Who else would like to join?

Gaps to fill and relevant issues

- FTIR
- Optical techniques.
- Particle (dust) measurement.
- Accuracy of each measurement.
- Currently, “Europe-centric” report → contact US partners (NREL, TU Iowa, etc.) in TCBiomass?
- Still pending to receive input from a number of partners.

Other concerns and relevant issues?

BRISK is back!

The first call for Transnational Access is opening very soon!

More info: www.brisk2.eu

1. Search the facility.
2. Request if the setup is available:
andrew.martin@energy.kth.se
3. Fill in the application form (coming soon).





Thanks for your attention!

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