



Tuesday 8th May

IEA Bioenergy Task 33 – Workshop on Waste gasification

9:00 – 9:15 Welcome @ ECN part of TNO

9:15 – 9:45 Presentation by Lars Waldheim, expert and consultant in gasification

-- A block on RDF towards heat, power and natural gas --

9:45 – 10:15 Presentation Valmet
Utilizing large scale CFB gasifiers to convert solids fuels for industrial furnaces.

10:15 – 10:45 Coffee break

10:45 – 11:15 Presentation Synova
Waste gasification, power and more

11:15 – 11:45 Presentation EQTEC
From RDF to SNG. Previous experiences to overcome gasification challenges

12:00 – 13:00 Lunch / Networking

13:00 – 13:30 Presentation ESKA

-- A block on biomass waste gasification --

13:30 – 14:00 Presentation EDF

14:00 – 14:30 Presentation Proerg Italia
Poultry manure gasification in small size CHP plant

14:30 – 14:45 Coffee break

14:45 – 15:15 Presentation ECN

15:15 – 15:45 Presentation Syncraft

15:45 – 16:15 Presentation CMD Engine

16:15 – 17:00 Refreshments and leave at 17 to Alkmaar



Wednesday 9th May

IEA Bioenergy Task 33 – Site visit to Torrgas and ESKA

- 7:30 The bus will leave from the Amrath hotel in Alkmaar to leave to Groningen
- 10:00 We will arrive at ESKA in Sappemeer, where we will visit an installation where paper rejects are gasified to use for steam production.
- 11:30 We will leave for the next visit nearby
- 12:00 We will arrive at Torrgas in Groningen. Here we will have lunch and a tour at the facilities. The Torrgas gasifier is developed for syngas production.
- 14:30 We will leave and will pass by Schiphol to drop off people that need to take their flight.
- 16:30 We expect to arrive at Schiphol at 16:30, here is also a good connection with the train for people travelling by train.
- 17:15 We expect to be back in Alkmaar