

19th November RTFG meeting

Notes of meeting

Attendees

Ed Wilson, Nova Pangea
Marcus Newborough, ITM Power
Colin Matthews, Joule Vert
Adam Baisley, Olleco
Robert Mather, Pennine Energy
Fran Baisley, Olleco
Ian Waller, InPerpetuum
Jonathan Anderson, Ennismore Consultants
Rob Vierhout, Alco Group
Gaynor Hartnell, REA
Grant Pearson, Ensus (in Chair)
George Trowbridge (by phone)

Welcome and introductions

Actions from previous meeting not covered on the agenda.

- Dickon to send GH comments on NNFC report, who will collate concerns about the report itself and forward to Jeremy Tomkinson. **Not done, but moment passed.**
- DP, AB, GH to get a response to the NNFC report out. **Done.**
- GH to write to Aaron Berry, welcoming the proposal for formation of RTFO task force, but setting out the concerns about timing and Greg Archer's involvement. **Partially done. Need to pick up when Grant and Gaynor meet with Rachel Solomon Williams, in a couple of weeks' time. Noted Aaron is now in OLEV, running the EV infrastructure project.**
- GH to send emissions spreadsheet originated by Colin Matthews, to volunteers for peer reviewing. **We did have the meeting. Gloria Esposito of the LowCVP joined, as she is doing some in depth work on this. It is now written up, and is ready to circulate among the Fuels Working Group of the LowCVP. Action : Colin Matthews will talk to Jonathan Murray and request that the document can also be circulated to those present at today's meeting.**
- NH and RM to clarify re Corsia and Dev. Fuel Certs and report back. **Done.**
- GH to circulate the text of Hazel Scofield's reply on crop cap. **Done.**

Changes at REA

Amy MacConnachie, the new Head of External Affairs introduced herself, and talked through the election manifesto work that she had been leading. She encouraged members to contact her about this work, if they had any questions.

Action GH to send out the manifesto document and Amy's contact details.

The REA's name change and new website was noted.

It was decided to not continue with the steering group. It had been tried, and may be appropriate for large REA groups, but with the number of engaged members that the RTFG has, it was felt to be unnecessary. It was noted that if we need any working groups, we can set them up on an ad hoc basis. GH noted that she was progressing the hydrogen work outside of the Development Fuels Working Group (which is now chaired by Neville Hargreaves). Any LCFF companies joining REA are to be catered for in the Gasification and pyrolysis group of the REA, for the moment at any rate, whilst they are more focused on technology and consenting issues. **Action: GH to send out info on the G&P group.**

InPerpetuum's work for Oftec - biofuels for heating - (Ian Waller)

Ian Waller talked through a small selection of the large slide pack, **which is to be circulated for information**. The main message is that liquid biofuels are the cheapest and least disruptive means of catering for hard-to-heat homes, which have a current demand for about 3 million tonnes of fuel oil per year. There was a significant discussion about factors which influence this market and the need for an incentive scheme (which is acknowledged by BEIS) if there is to be uptake.

IW recommended that RTFG should suggest to REA that there should be thought leadership on grid decarbonisation going forward, and that the REA should formally think about heat. He will present his work at a forthcoming REA "Super sector" day which will focus on heat (alongside NNFFC and Element Energy who had also done work on this sector). Following this meeting, and depending on the outcome of REA decisions on where to cater for liquid fuel heating, the RTFG to consider whether the RTFG should pick up this agenda.

EWABA proposals on strengthening auditing for double counted biodiesel feedstocks and plans for EU-wide database (Adam Baisley)

Adam talked through the slides. **Action: circulate the slides and the EWABA list of measures document ("EWABA Standard of Transparency").**

The importance of this work was acknowledged, for all fuels and feedstocks, not just UCO. EWABA had been looking at this issue for a considerable length of time, but it would be fair to say that work on traceability and transparency, the database and a testing method have all been intensified in response to the recent NL fraud case. All EWABA members have signed up to following its Standard of Transparency from Jan 1st 2020. ISCC has so far adopted 6 of the 35 measures in the document. EWABA is talking to other auditors. Apparently the document has been well-received by the European commission, but Rob Vierhout noted - not by the Dutch. We need to understand the interaction between the planned database and the database referred to in REDII Article 28.

The company Hardlevel based in Portugal has done quite a bit of work on using sophisticated technical tests to see if cooking oil has actually been used, and has patented its test. **Action: set up a webinar to look into this in more detail, and try to get someone from Hardlevel to participate**

E10 – Grant Pearson

Grant related what had happened at a meeting with George Freeman on E10, when he was very new in post. (Grant noted this was the 10th transport minister he'd encountered in his time at ENSUS, and he was the most positive of all re E10). He was critical of the officials in relation to their preparedness and the approach they had taken with the regulatory impact analysis, which had used the most unflattering counterfactuals and other assumptions, and concluded that it would have led to ethanol replacing less expensive options in terms of cost/tonne Carbon saved. Grant noted that E10 had made it into the [Conservative Environment Network manifesto](#).

LCFFs – recent stakeholder meeting – Neville Hargreaves (see [slides](#) from the event)

Slides already available.

Neville described [the work DfT had commissioned](#) (covering 7 solid waste streams and 2 gaseous), which was published a while ago, and which was discussed at a workshop on Nov 6th. The report says, if take waste out of EfW route and put it into transport fuels, there will be a GHG saving, which should get better with time, as the grid decarbonises (as marginal is wind, whereas jet fuel marginal is fossil fuel.)

They had now decided not to use landfill as the counterfactual, which was a positive step. Whilst pure plastic if landfilled would sequester the carbon, the

reality is that it would be mixed with biogenic material which would result in methane emissions, plus landfill is at bottom of waste hierarchy and has other environmental issues.

They are still thinking hard about how to implement it, and how to treat the counterfactual for replacement electricity if EfW route not followed. They understand the problems for investors of taking a consequential approach. They are concerned about making sure this does not detract from physical/mechanical recycling.

In short, they are making progress, but not as fast as he had hoped. consultation had been intended before the end of 2019. This is now looking like summer of 2020.

Action: GH to circulate the document Jonathan Anderson had sent her, to all for info. (The Challenge of the Future Load Curve, talk by Phil Lawton, Energy Systems Catapult).

Neville Hargreaves recommends reading Mission Possible | Energy Transitions Commission document. See <http://www.energy-transitions.org/mission-possible>

There was more discussion about how REA should do some work on grid decarbonisation pathways. **Action: Ian Waller to draft a paper for GP to take it to the REA policy board.**

There was discussion about an announcement on aviation that DfT is keen to make. **Action: ask Rachel Solomon Williams at GP and GH meeting.** (Post meeting note, GP and GH have now met Rachel and once agreed with her, notes of the discussion will be circulated.)

REA modelling work to support case for increase in RTFO target (Robert Mather)

Robert Mather described the changes made to the model; nuancing the introduction of E10 in terms of timing and increasing bioethanol level and catering for HGVs separately. These don't make much impact on the answers it produces. Agreed to ask for increase which modelling suggests keeps biodiesel demand broadly the same (whilst increases ethanol and biomethane contributions), but not to request increase in the buyout level. Discussed the challenge of quantifying sustainable feedstock levels in a fungible market.

Actions: Robert to send the model to GH for dissemination.

GH and GP to discuss how to progress lobbying for an increase in the target level with Rachel Solomon Williams.

These were discussed over lunch, and no notes were taken. In short it was noted that DfT's position on whether to keep them going beyond 2020 had subtly changed on a number of occasions, but they are still considering it. Rob Vierhout noted that the commission is keen to have targets beyond 2020.

Eligible Hydrogen lobbying update – Gaynor Hartnell

GH explained how Gareth Mottram had been positively disposed to the idea of electricity supplied via suppliers, evidenced by REGOs or a PPA as a means of demonstrating the consumption of renewable electricity for hydrogen generation purposes. She had been encouraged to develop the proposals in more detail. The REA now needs to work with people in licenced electricity supply companies to assist with this. **Action: GH should contact Jason Woods, as he should be able to help with PPA approach.**

Mini business plan

Grant explained how the REA required this document, and that GH and he had updated the last one. **Action: circulate for comment** (comments back to Ghartnell@r-e-a.net).

Date of next meeting

Action: 2nd half Jan a date to be circulated. Now set for Tuesday 21st January, 2pm – 5pm

Table of actions

Colin Matthews will talk to Jonathan Murray and request that Gloria Esposito paper be circulated to those present at today's meeting	Done and circulated.
GH to send out REA manifesto document and Amy's contact details	Link https://www.r-e-a.net/wp-content/uploads/2019/11/General-Election-Manifesto-2019-REA-FINAL-4.pdf Amy's contact details Amy MacConnachie, Head of External Affairs Mob: +44 (0)79 0351 0060

GH to send out info on the G&P group	
Circulate Ian Waller's slides	https://live.r-e-a.net/wp-content/uploads/2019/11/OFTEC-Roadmap-slides-101-draft-for-issue-1.pdf
circulate Adam Baisley's slides and the EWABA list of measures document ("EWABA Standard of Transparency").	Click here for slides Click here for EWABA document
Hold webinar on EWABA proposals with participant from Hardlevel	
GP and GH to ask Rachel Solomon Williams re progressing target increase	
GH to circulate the slides from AMPS conference	Click here for the document
Ian Waller to draft a paper for GP to take it to the REA policy board	
GH to contact Jason Woods, for help with PPA proposal for eligible power input for RFNBO	
Circulate "mini business plan" for comment	Click here for the document. Comments back by the end of November, please. to ghartnell@r-e-a.net