UK 2015/13 implementation
ISCC, Brussels, 17 February 2016
Key Challenges for RED and FQD implementation

1. Strategic challenges

2. Market/consumer challenges

3. Technical challenges

..and the FQD.....
1. Strategic Challenges

- Is there a role for biofuels beyond 2020?

- Do we need specific EU renewable transport targets beyond 2020?

- Can we guarantee sustainability for renewables?
Carbon reduction targets will drive transport measures

UK GHG emissions and carbon budget targets

- UK GHG emissions
- Carbon budget 1
- Carbon budget 3
- Carbon budget 2
- Carbon budget 4
- 2050 target
Demand for liquid transport fuels remains beyond 2030

Projected transport energy consumption by fuel - high abatement scenario (carbon plan 2011)
Renewable transport fuels will be in demand if sustainability is assured

- MS will have need biofuels to achieve 2030 climate targets
- IF the fuels are sustainable
- EC figures indicate crop biodiesel increases emissions
Focussing on wastes can secure a long term role for industry
2. Market / consumer challenge

- ‘Blend wall’ is approaching

- Fuel quality and vehicle compatibility

- Pump price impact

- Public acceptability is critical
3. Technical challenge

How to address the waste hierarchy requirement?

- Directive 2015/1513 Article 2 (2) (iv)(e)

“When setting policies for the promotion of the production of fuels from feedstocks listed in Annex IX, Member States shall have due regard to the waste hierarchy as established in Article 4 of Directive 2008/98/EC, including its provisions regarding life-cycle thinking on the overall impacts of the generation and management of different waste streams.”
Wastes and double counting – possible approach

Stage 1
Is material a waste for the Waste Framework Directive?
(to determine whether the land based criteria apply)

Stage 2
Does the material meet the waste hierarchy requirements?
(to determine whether it should get x2 counting for incentives)
And the Fuel Quality Directive……..

- Upstream emissions reductions required
- Global potential is large (150+ mtc)
- Time for investment in new measures?
- How to define and administer a system?
- After 2020, it is not clear how such measures would contribute to the EU 2030 climate package....
Thank you

For information on:

- UK Biofuels statistics
- Biofuels legislation
- Guidance on the RTFO
- Stakeholder events

Visit our web page:
https://www.gov.uk/guidance/renewable-transport-fuels-obligation