Second Generation Biodiesel from Waste and Secondary Raw Material

Mrs Anita Simon, COO
Biofilter Environmental Co.
Bioenergy Week - 22/06/2016
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About Biofilter Co.

25 years of experience

Sustainable Business

International background

Changing laws and regulations
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Changing laws and regulations
Sustainable Business
Used Cooking Oil as a Second Generation Raw Material

The advantages of UCO are:
- It does not threaten the food chain
- It is readily available
- It is easy to convert to biodiesel
- It can be burned directly in some diesel engines
- It is low in sulphur
- There are no associated land use changes

The disadvantages of UCO are:
- It can decrease engine life if not properly refined
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Used Cooking Oil Collection in Hungary by Biofilter
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6,174 tons of UCO collected in 2015 → Prevention of 13,583 tons of CO2 emission in 2015

2016: 4.8% mixture ratio

Target for 2020: 10%
Future growth potentials

- Future of second generation UCO
- Sustainable Business Strategy
- Growing international markets
- New regulations
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