

EFPRA

DRIVING EU FOOD CHAIN SECURITY AND SUSTAINABILITY



WHAT IS GOING ON IN EUROPE?



N. C. Leth Nielsen

President EFPRA

European Fat Processors and Renderers Association

79th NRA Annual Convention

Friday, October 26, 2012

The Ritz Carlton Hotel - Laguna Niguel - California



EFPPRA Communication



FABRA Education and Training Program

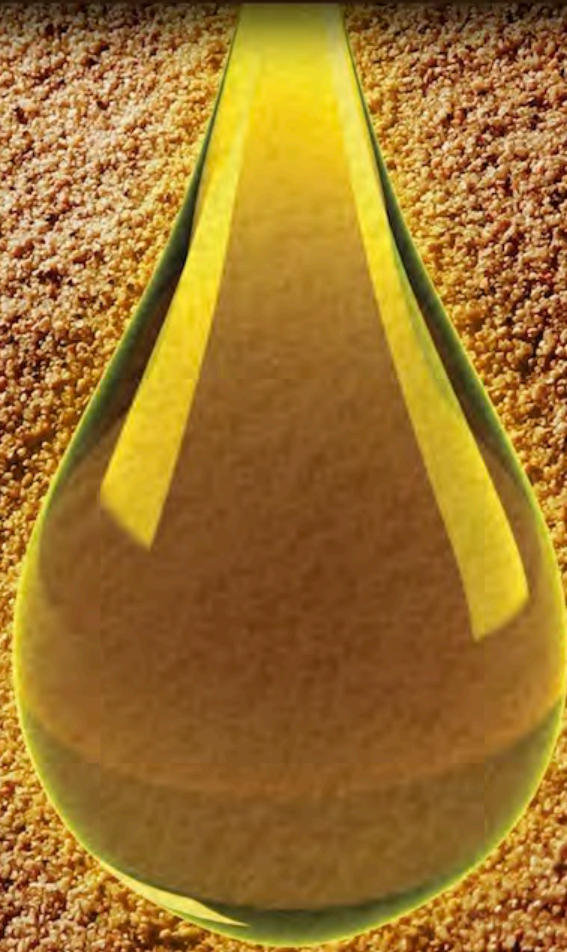
Legislation:

- 1. Lift of the Feed Ban**
- 2. New ABPR (Animal By Product regulation)**
- 3. RED (Renewable Energy Directive)**

Conclusion

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DRIVING FOOD CHAIN SECURITY AND SUSTAINABILITY IN EUROPE



IN THE SPOTLIGHT



WHAT EUROPE'S PEOPLE SAY...



THEIR CONCERNS ARE OUR CONCERNS...



RELATIONSHIPS



OUR STORIES



EDUCATION





Fabra

Education & Training

FABRA TRAINING **PROBLEM**

- ▶ There is **no** specific training available for the rendering sector in the UK/EU.
- ▶ Training that *is* available is **complex** and is mainly unsuitable for the target audience.
- ▶ Current training involves **removing** staff from their work, often to another site.

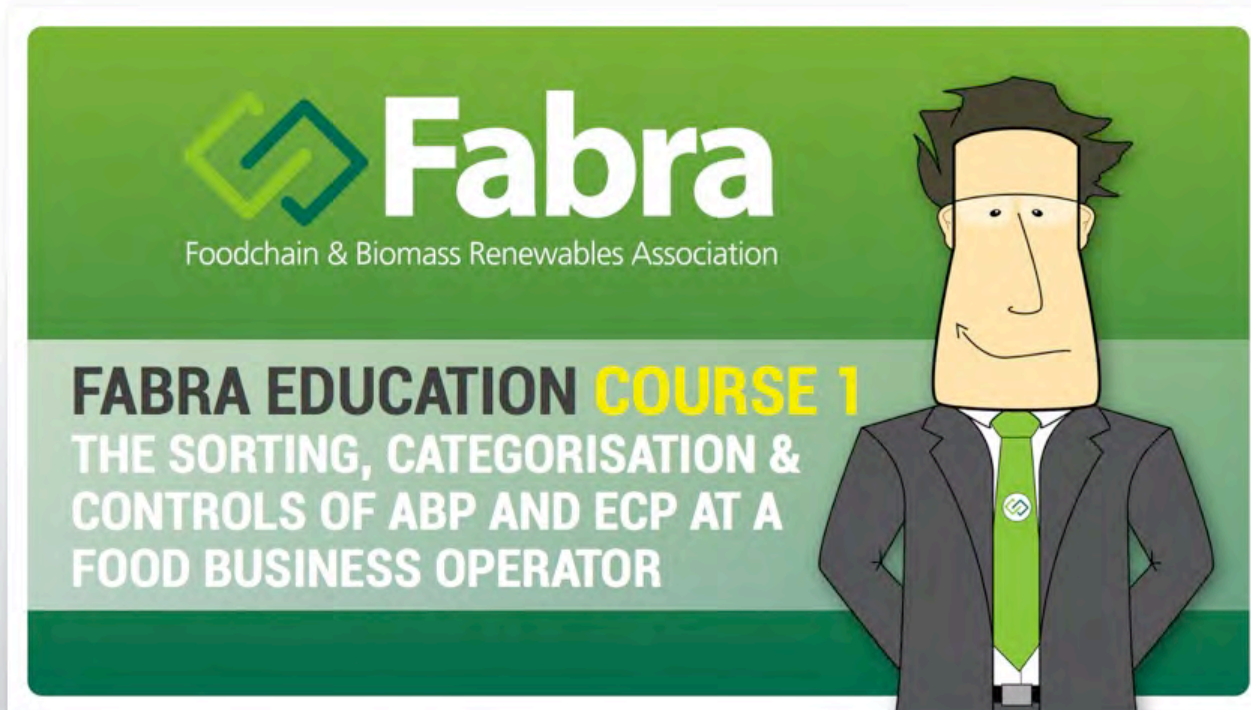
FABRA TRAINING SOLUTION

Beacon Synergy chosen as a training partner. 

- ▶ Create customised up-to-date training material that uses existing knowledge.
- ▶ Use 'plain english' vocabulary and a very visual style of presentation.
- ▶ Keep training material in 'bite-sized' chunks of no more than 10 minutes per module
- ▶ E-learning for use online or on mobile devices.

FABRA EDUCATION COURSE

THE SORTING, CATEGORISATION & CONTROLS OF
ABP & ECP AT A FOOD BUSINESS OPERATOR



The main banner features the Fabra logo (a stylized green and blue geometric shape) and the text 'Fabra Foodchain & Biomass Renewables Association'. To the right is a cartoon illustration of a man with dark hair, wearing a grey suit, white shirt, and green tie. The text on the banner reads: 'FABRA EDUCATION COURSE 1 THE SORTING, CATEGORISATION & CONTROLS OF ABP AND ECP AT A FOOD BUSINESS OPERATOR'.

FOR USE BY EMPLOYEES OF FOOD BUSINESS OPERATORS



This banner features the Fabra logo and a cartoon illustration of a man with blonde hair, wearing a dark suit and blue tie. The text reads: 'COURSE 1 MODULE 1 FBO RESPONSIBILITIES TO EMPLOYEES & REGULATORS'.



This banner features the Fabra logo and a cartoon illustration of a man with dark hair and a mustache, wearing a blue shirt and white apron. The text reads: 'COURSE 1 MODULE 2 ANIMAL BY-PRODUCTS NOT FOR HUMAN CONSUMPTION'.



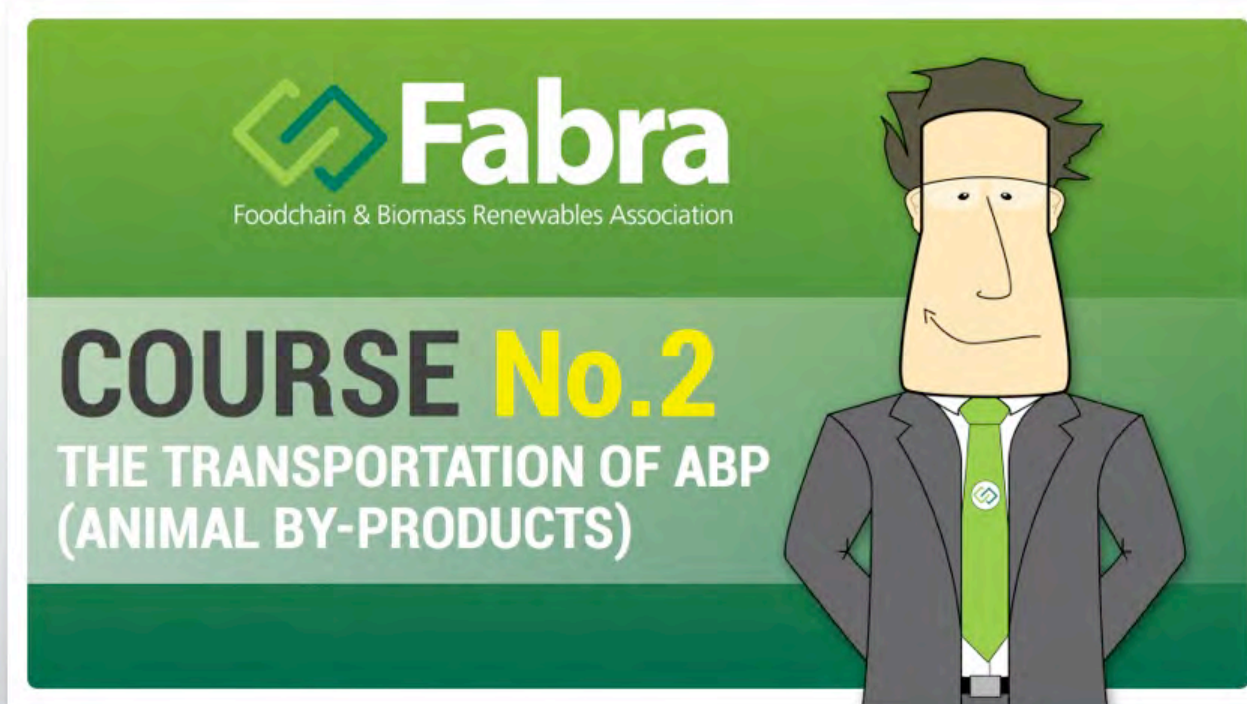
This banner features the Fabra logo and a cartoon illustration of a man with grey hair and glasses, wearing a yellow polo shirt. The text reads: 'COURSE 1 MODULE 3 BLOOD PRODUCT SORTING & CONTROLS AT THE FBO'.



This banner features the Fabra logo and a cartoon illustration of a woman with dark hair and glasses, wearing a white lab coat. The text reads: 'COURSE 1 MODULE 4 EDIBLE CO-PRODUCT SORTING & CONTROLS AT THE FBO'.

FABRA EDUCATION COURSE

THE TRANSPORTATION OF ABP



FOR USE BY MEMBERS OF THE ROAD HAULAGE ASSOCIATION



&



- ▶ Fabra together with Beacon Synergy will;
 - ▶ Continue to develop training programmes in the UK
 - ▶ Work with qualification awarding bodies
 - ▶ Deliver real and measurable employer/employee benefits and qualifications

- ▶ Beacon Synergy together with renderers can;
 - ▶ Develop rendering training programmes and courses
 - ▶ Support multilingual e-learning for a global workforce



Foodchain & Biomass Renewables Association

TO SEE EXAMPLES OF FABRA'S TRAINING INITIATIVES VISIT

WWW.FABRAEDUCATION.CO.UK

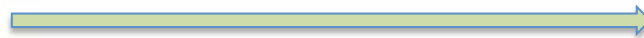
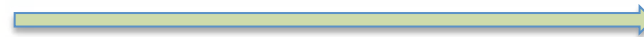


TO LEARN MORE ABOUT BEACON SYNERGY VISIT

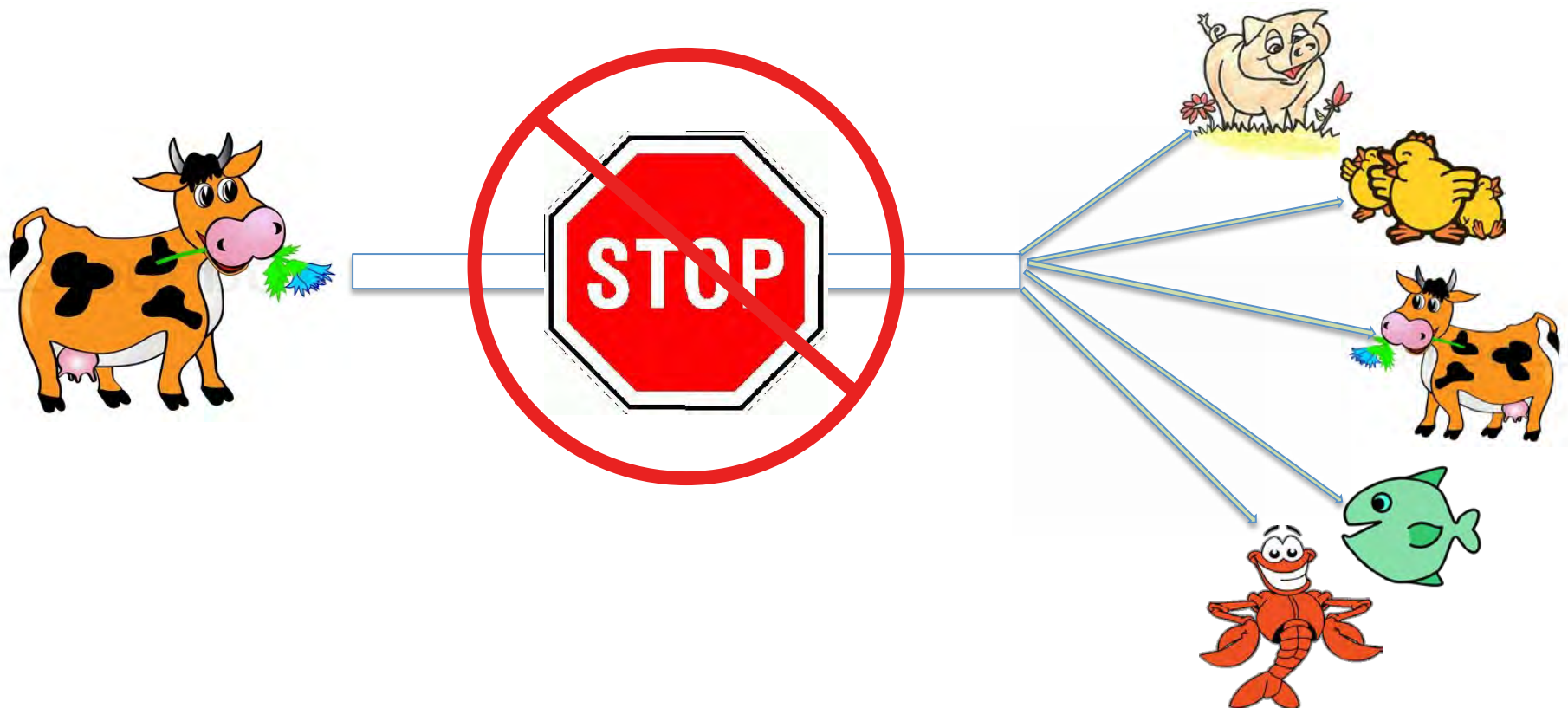
WWW.BEACONSYNERGY.COM



EU-Legislation



EU – Feed Ban

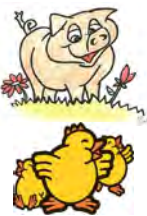


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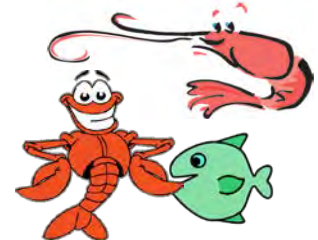
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Feed Ban

July 1, 2013



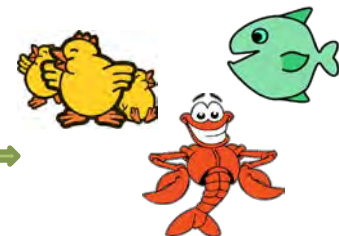
OK



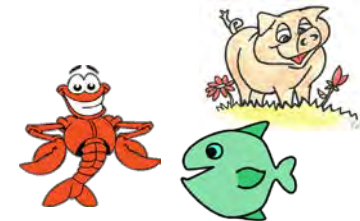
Early 2014



OK



OK



No species to species

Tests

Official tests:

PCR

Microscopy



EFSA Critical limits = 2% ruminant PAP in non ruminant PAP.

EFSA critical limit = 0,1% AP in feed

Alternatives:

Melisa – Re Veal

Testing 1% only (5% inclusion rate)



Animal By Product Regulation A.B.P.R – EC 1069/2009

Implementing Regulation EC 142/2011

History:

EC 1774/2002 (27 amendments)

3 new amendments EC 142/2011

a) Fertilizer

b) By Products from Biodiesel



New amendments EC 142/2011



3 new amendments in pipeline

Import tallow category 1 for biodiesel and combustion

Method 7:

Identify CCP

30 days test

(Critical Control Points)

(Competent authority)

Daily:

Clostridium Perfringens

0 in 1 g

Salmonella

0 in 25 g

Enterobacterias

300 in 1 g

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RED

Renewable Energy Directive

TME

Tallow Methyl Ester

Biodiesel



What is Biodiesel?



FAME = FATTY ACID METHYL ESTER

Feedstock:

Soybean oil,
Palm oil,
Rapeseed oil,
Animal Fat,
Used Cooking Oil

Auxiliary material:

Methanol
Catalyst

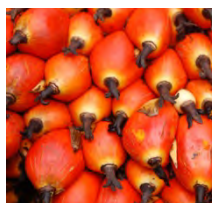
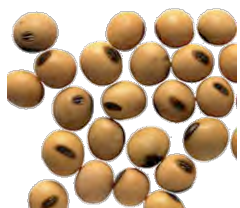




What is Biodiesel?



Vegetable oil based
feedstock



SME

PME

RME

1st generation biofuels

Residual / non-food based
feedstock



TME

UCOME

2nd generation biofuels

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Why Biodiesel?





Renewable Energy Directive is the Legal Basis for Biodiesel

20 – 20 – **20** – 2020

20 % GHG emissions reduction compared to 1990



20 % cut in energy consumption through energy efficiency



20 % share of renewable energy in total energy mix



Renewables for the Transport Sector

20% renewable share includes SUBTARGET

of

10% renewable energy in TRANSPORT sector





Biofuel Mandate Supports 10% Target



Fuel distributors have to meet biofuel mandate



Fossil fuels are blended with biofuels

Diesel: **7%** Biodiesel



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Double Counting Supports 2nd Generation Biofuels



$$1 + 1 = 3$$



1 liter TME/UCOME = 2 liter biodiesel mandate

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12/01.
2012

BUSSE I NORDJYLLAND
SKAL TIL AT KØRE PÅ
DØDE ØYR !

-KAN DU HJÆLPE? VI
ER VED AT KØRE
TØR!

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Biofuel Criticism





Biofuel Needs to Meet RED Requirements



GHG savings of minimum 35%

No feedstock from:



- Deforested areas
- Highly biodiverse areas



Audited & Certified



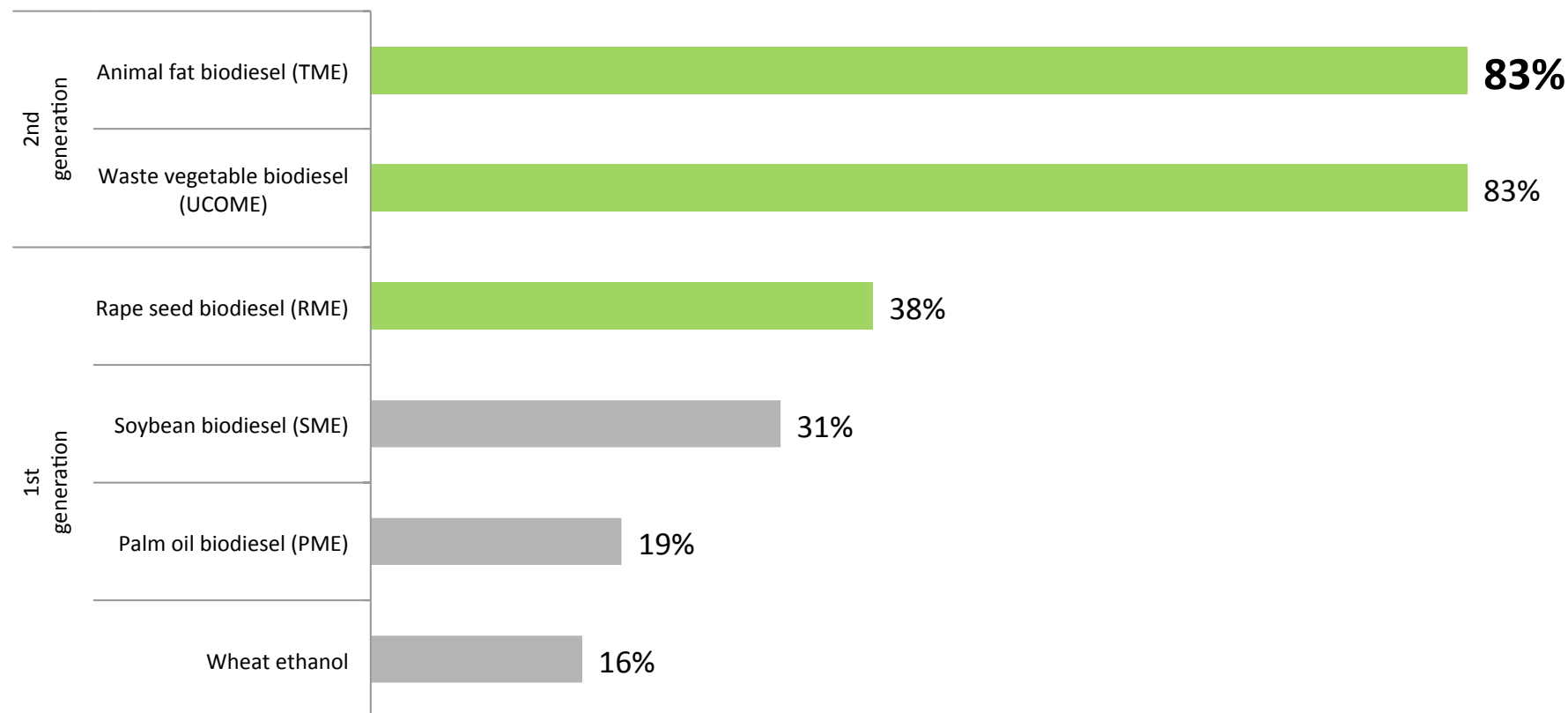
→ **No sustainability certificate – no EU-biofuels mandate**



TME Provides Greater GHG Savings than Alternatives



Default GHG emission savings in comparison to fossil fuel



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Animal fat methylester



5.050 km

Rape methylester



1.200 km

Mineral diesel



850 km

Driving distance on the basis of 100 kg fossil CO2 output of different fuels

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Perspectives





RED under Revision



RED – 20 – 20 – **20** Target



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Decarbonization from 2015: GHG savings - not volume



Advanced biofuels: 1 liter = €1,000.00 ?



Biodiesel is the only viable alternative to fossil diesel

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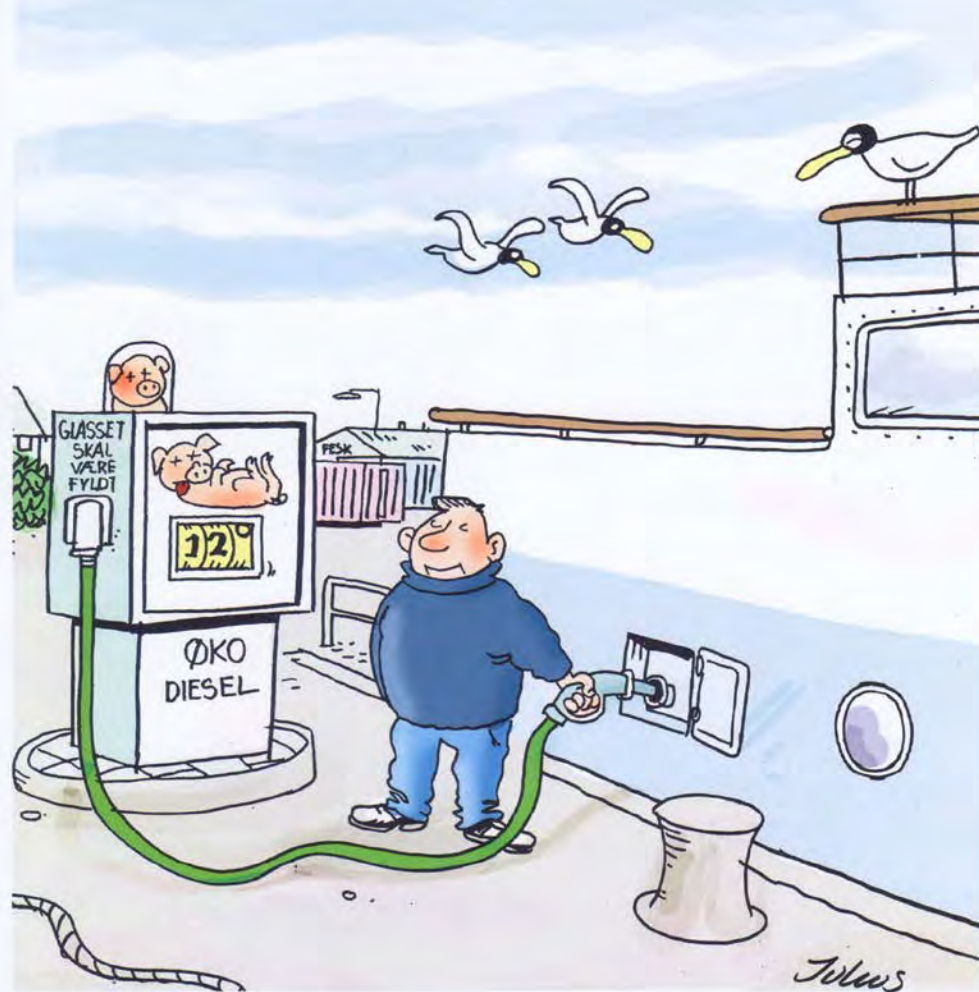


Unless...



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23/09
2010 EN FÆRGE T
SØNDERJYLLAND SKAL
NU SEJLE PÅ BIODIESEL
EMSTILLET AF DØDE GRISSE!

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**Thank You Very Much for Your
Attention!**



A yellow teardrop-shaped object, possibly a piece of glass or plastic, is positioned vertically in the center of the frame. It is set against a background of a coarse, granular brown material, resembling sand or gravel. The object is slightly out of focus, with a soft glow around it. The text is overlaid on the image in white, bold, sans-serif font.

Thanks for assistance to:

Steve Woodgate Fabra

Alistair Woodgate, Beacon Synergy

Dr. Martin Alm, Technical director,

EFPRA

Robert Figgner, ecoMotion