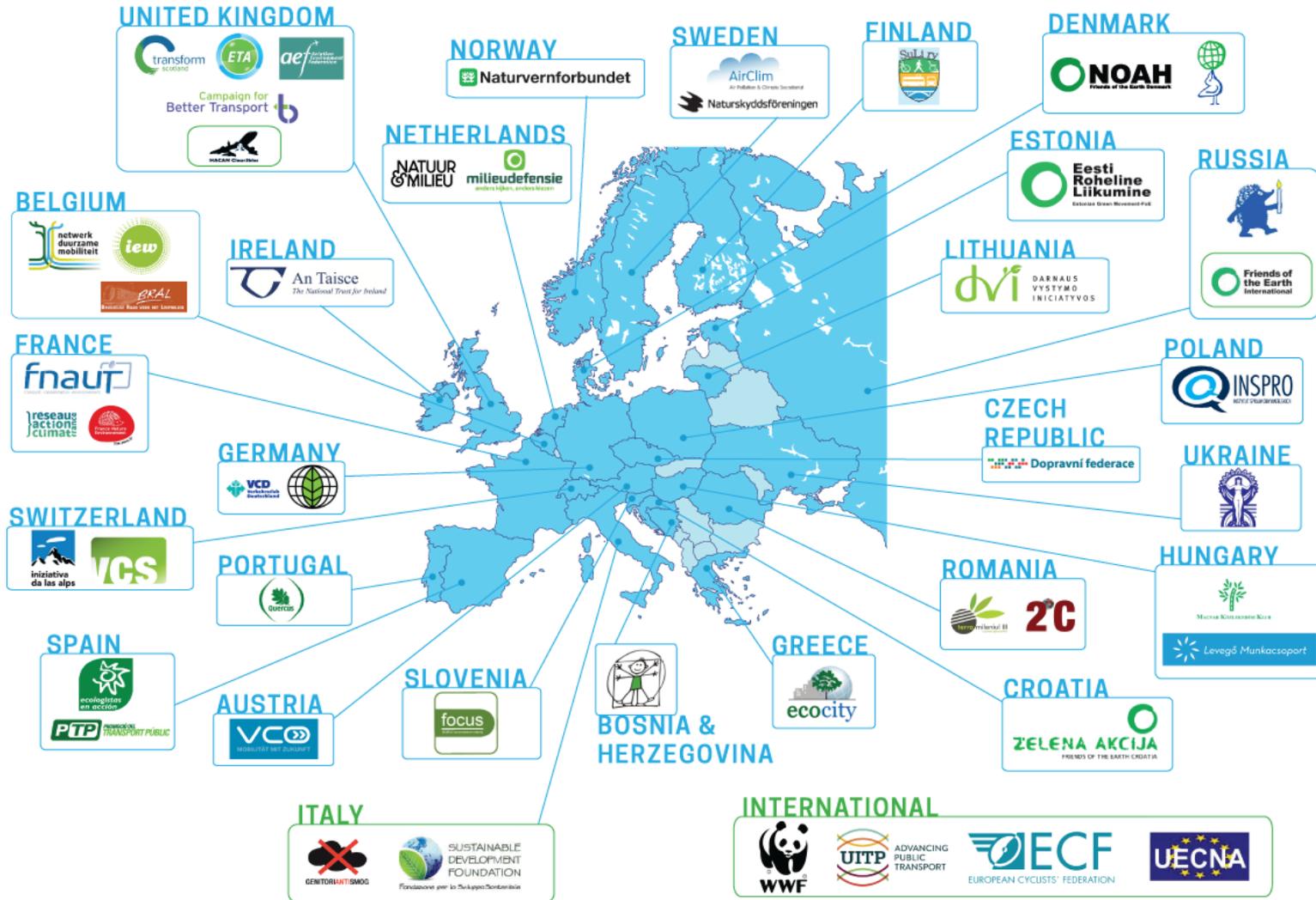


# **EU TRANSPORT & BIOFUELS**

Laura Buffet, Transport & Environment, 15 March 2017

# T&E: 27 COUNTRIES 50 MEMBER & SUPPORT GROUPS



# OUR FOCUS

## MOST MODES

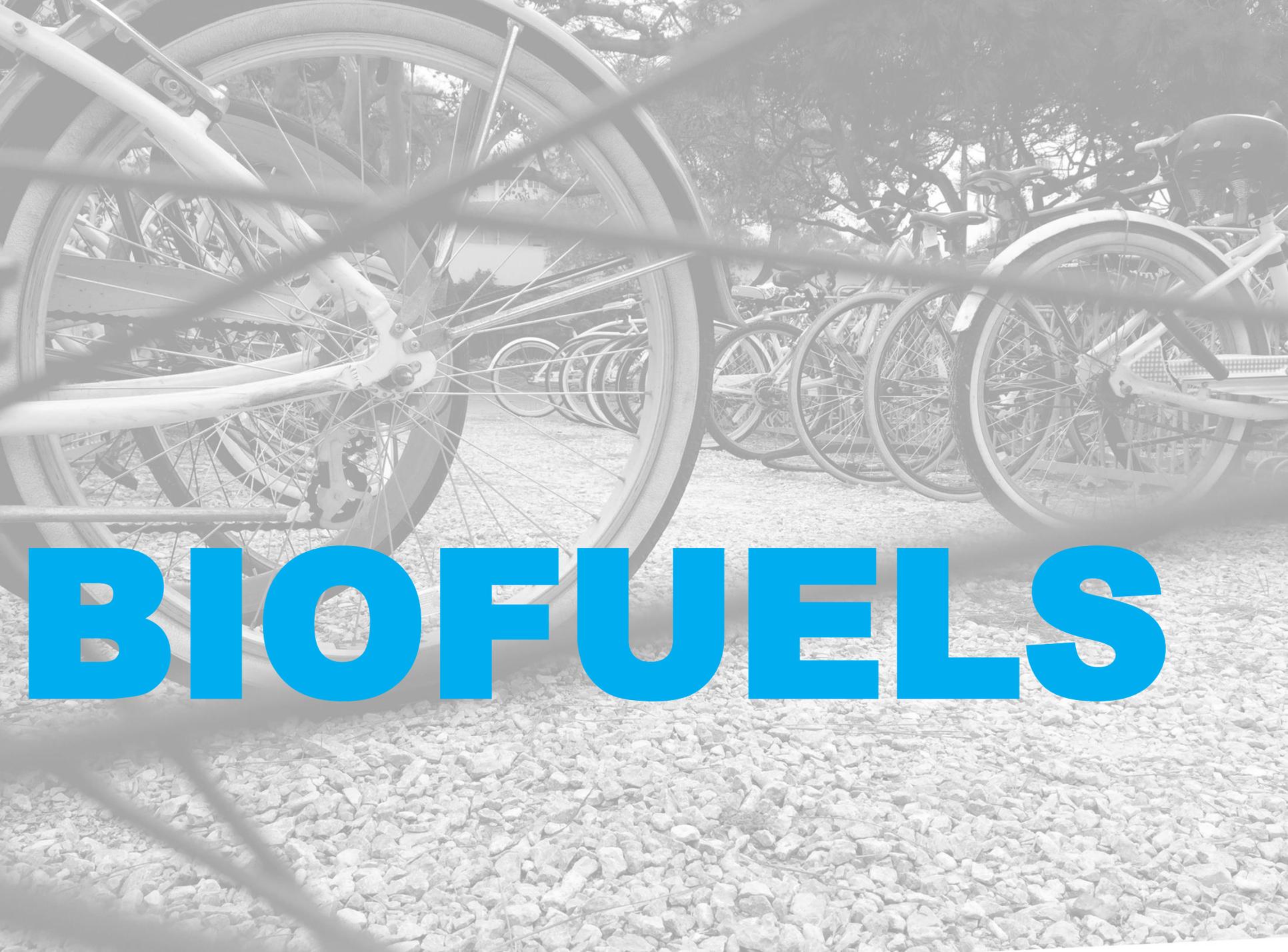


## WELL TO WHEEL



## ALL TRANSPORT ENERGY





# BIOFUELS

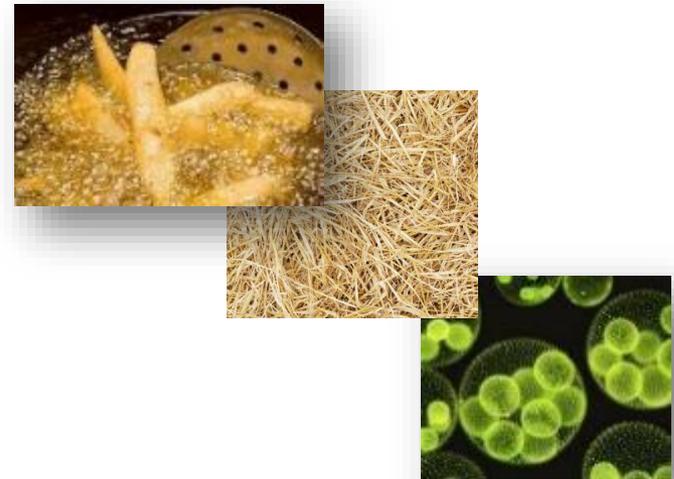
# BIOFUELS TO 2020

10% renewables in transport (RED)

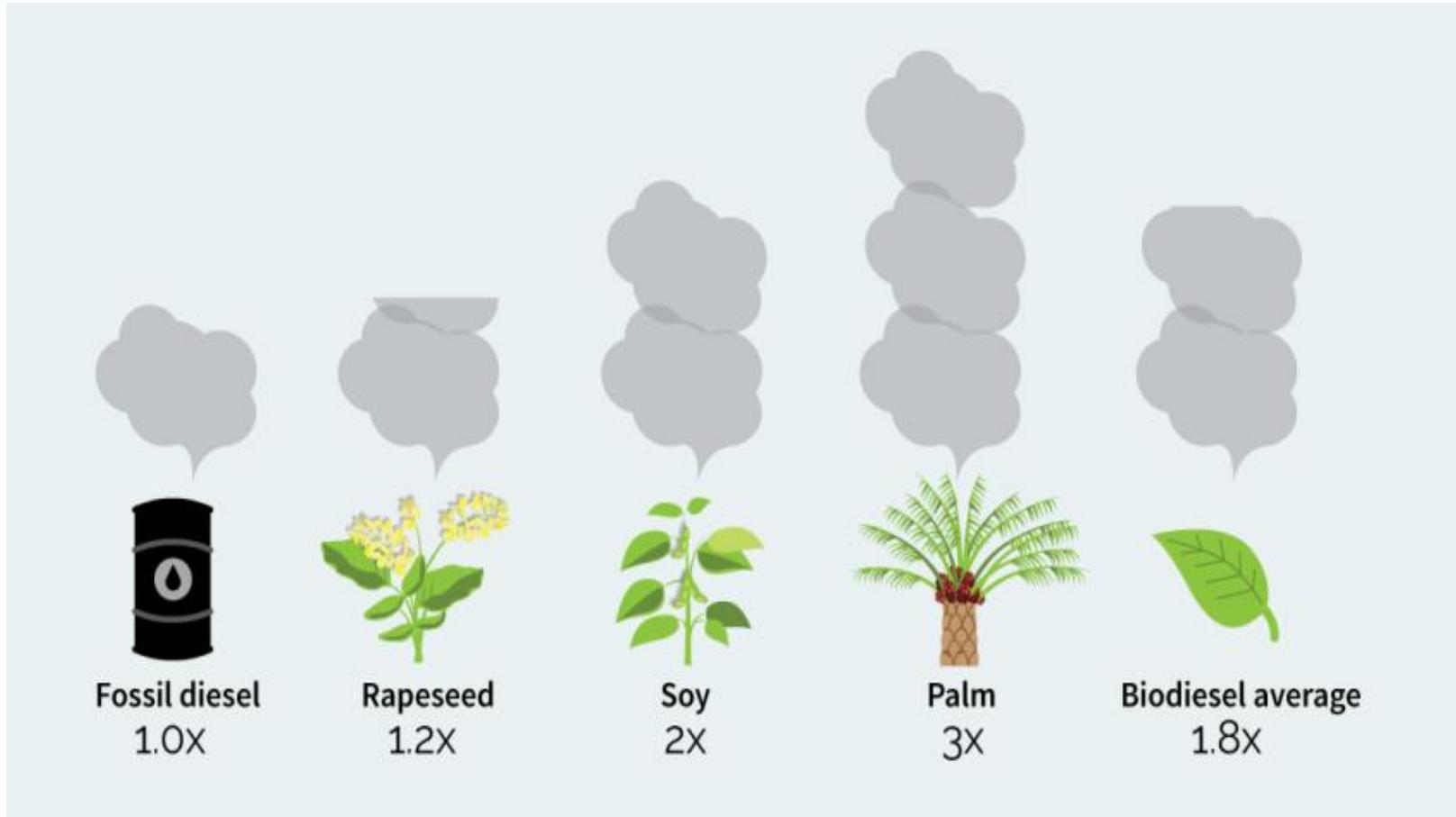
*Multiplied by 2 towards the target*

Food crops

Waste and residues

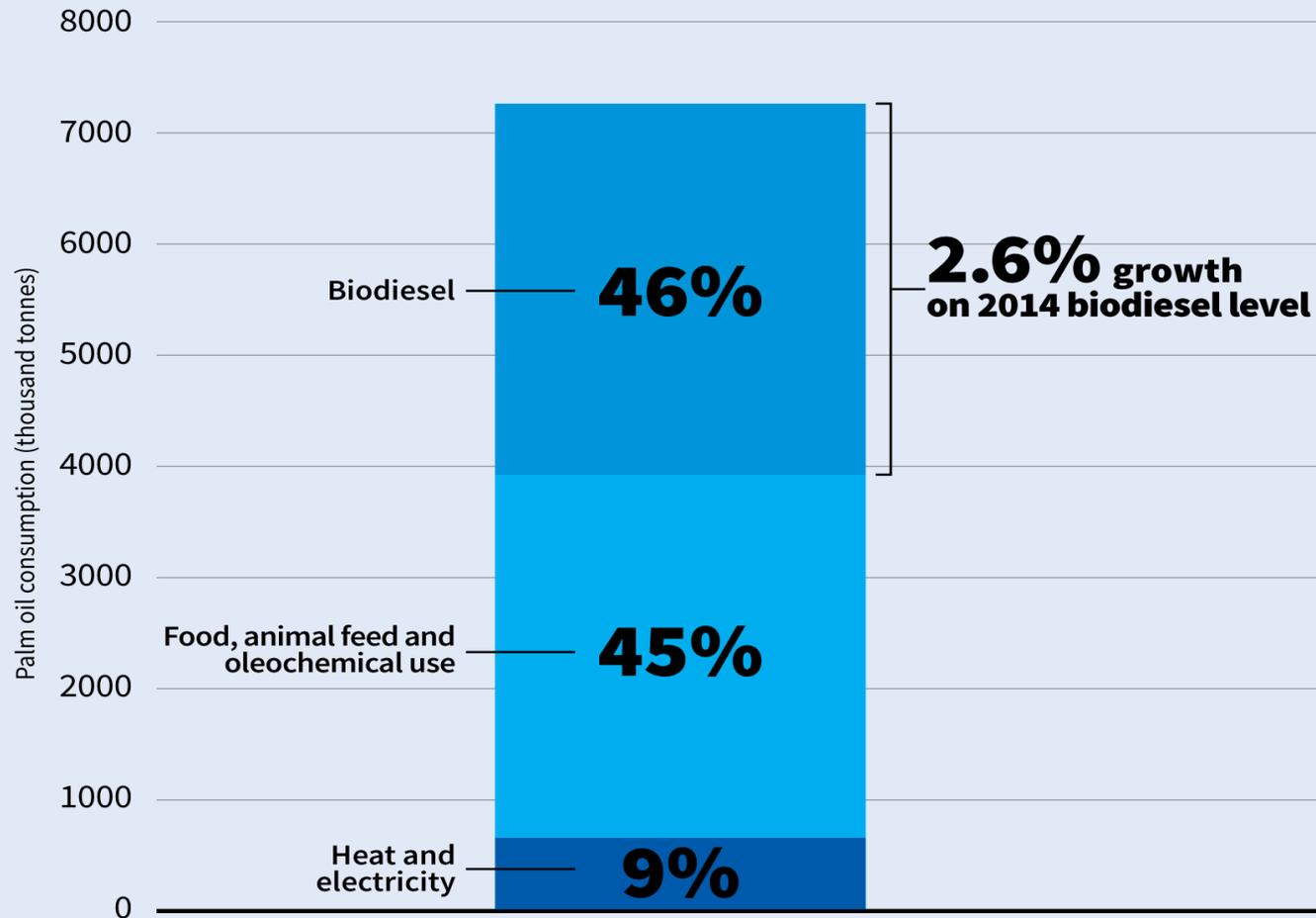


# BIODIESEL EMISSIONS



**Crop-based biodiesel on average 80% worse for climate than fossil diesel.**

# Europe's palm oil consumption in 2015



# PHASE-OUT LAND BASED BIOFUELS

## RED II proposal

- No specific renewables target in transport with crop biofuels.
- Decrease of cap on food & feed crops from 7% to 3,8% in 2030.
- Lower limit can be set on crop-based biodiesel.

## T&E recommendations

1. Phase-out of crop-based biodiesel as soon as possible.
2. Phase-out all crop based biofuels completely by 2030 - 0% crop cap.
3. Ensure alternatives to crop biofuels are made sustainably.

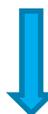
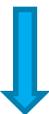
# WASTE & RESIDUES



**DEFINITION**

**SUSTAINABILITY**

**AVAILABILITY**



- Waste and residues.
- Compliance with waste hierarchy.

- GHG savings.
- Biodiversity & soil quality.

- Availability at sustainable levels.
- Competing uses.

## DEFINITION?



- Difference between EU/imports.
- Potential use for livestock feed outside EU.

## GHG SAVINGS?



- 70-90% GHG savings.

## AVAILABILITY?



- Not unlimited resource.
- Reliance on imports.

## FRAUD?



- Driven by high prices.
- Paper fraud or fake fried oil.
- Chain of custody needed.

# SUMMARY

## ➤ PHASE OUT CROP BASED BIOFUELS

- Bring the current proposed cap to 0% in 2030.
- Quicker phase-out of crop biodiesel.

## ➤ IMPROVE SUSTAINABILITY FRAMEWORK FOR WASTE AND RESIDUES

- Waste hierarchy.
- Appropriate sustainability criteria.
- Target level should reflect availability at sustainable levels.

## ➤ EMOBILITY STRATEGY

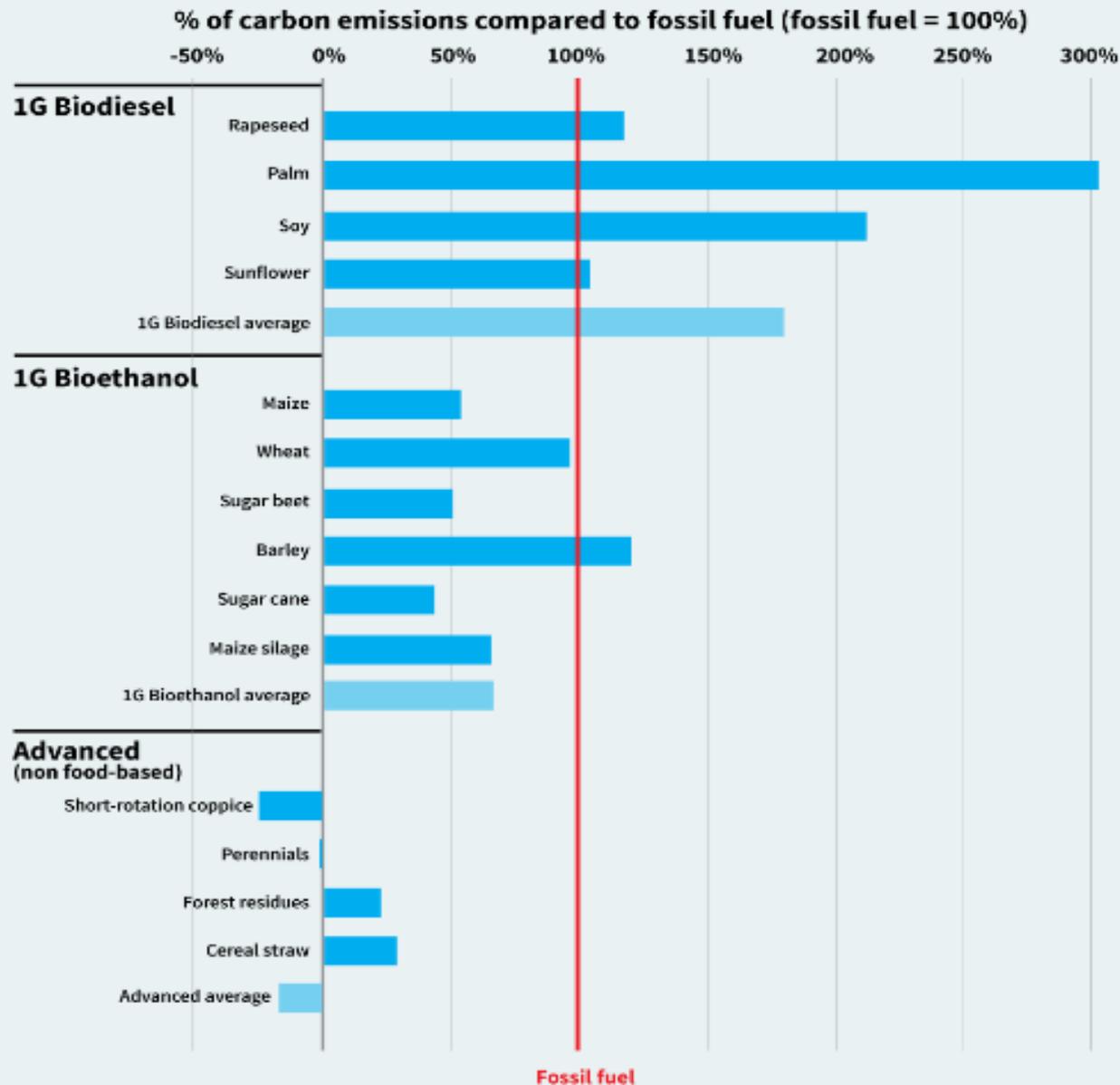




Laura Buffet

[laura@transportenvironment.org](mailto:laura@transportenvironment.org)

# Biofuel emissions vs. fossil fuel emissions



Source: Lifecycle analysis by Transport & Environment based on Globiom study (2016)