

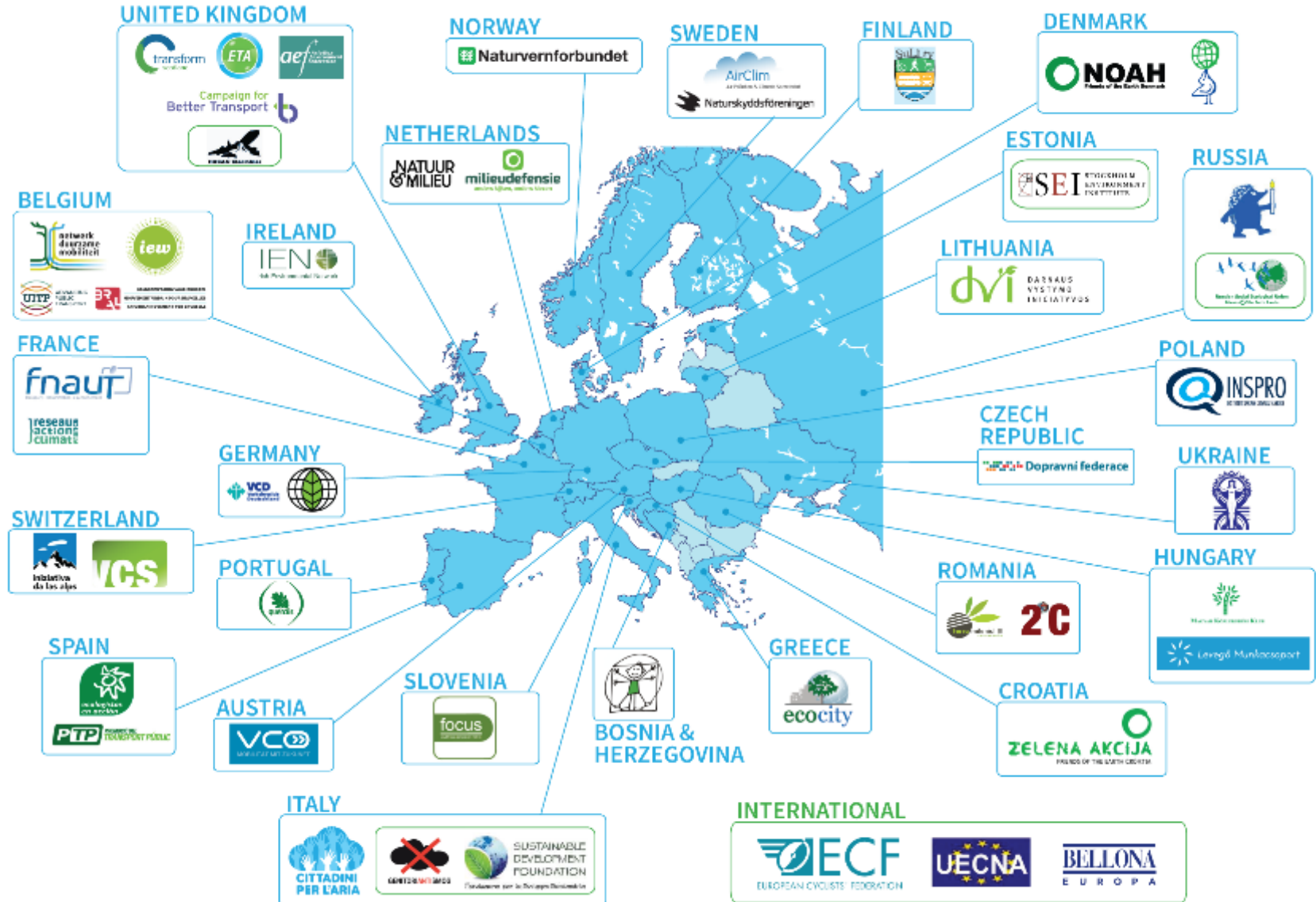
AVIATION BIOFUELS: REPEATING OLD MISTAKES?



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T&E: 27 COUNTRIES 49 MEMBER & SUPPORT GROUPS



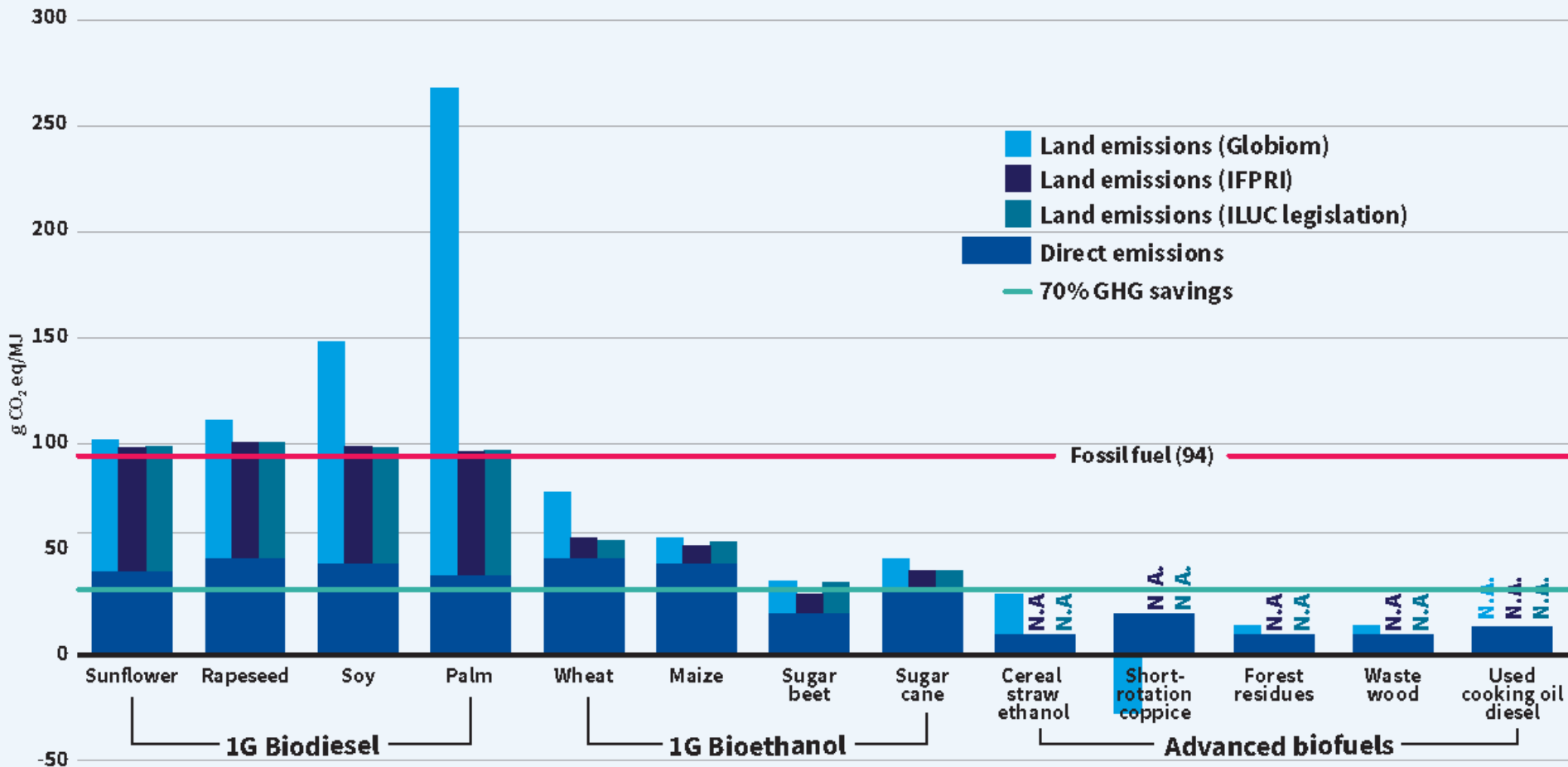
T&E IS AN OBSERVER TO ICAO

ICSA

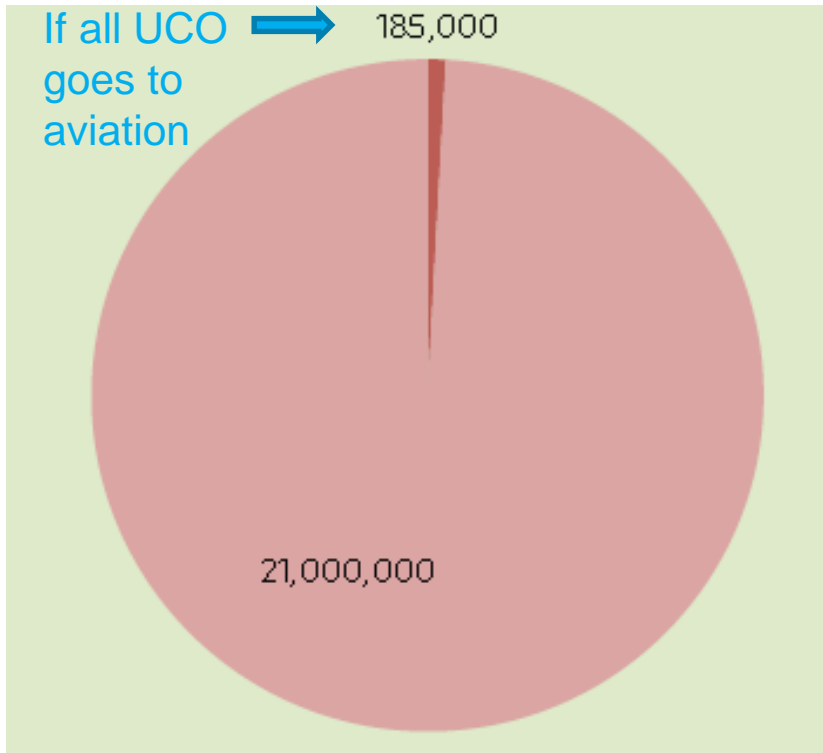
International Coalition for
Sustainable Aviation



Direct emissions plus land emissions



AVAILABILITY

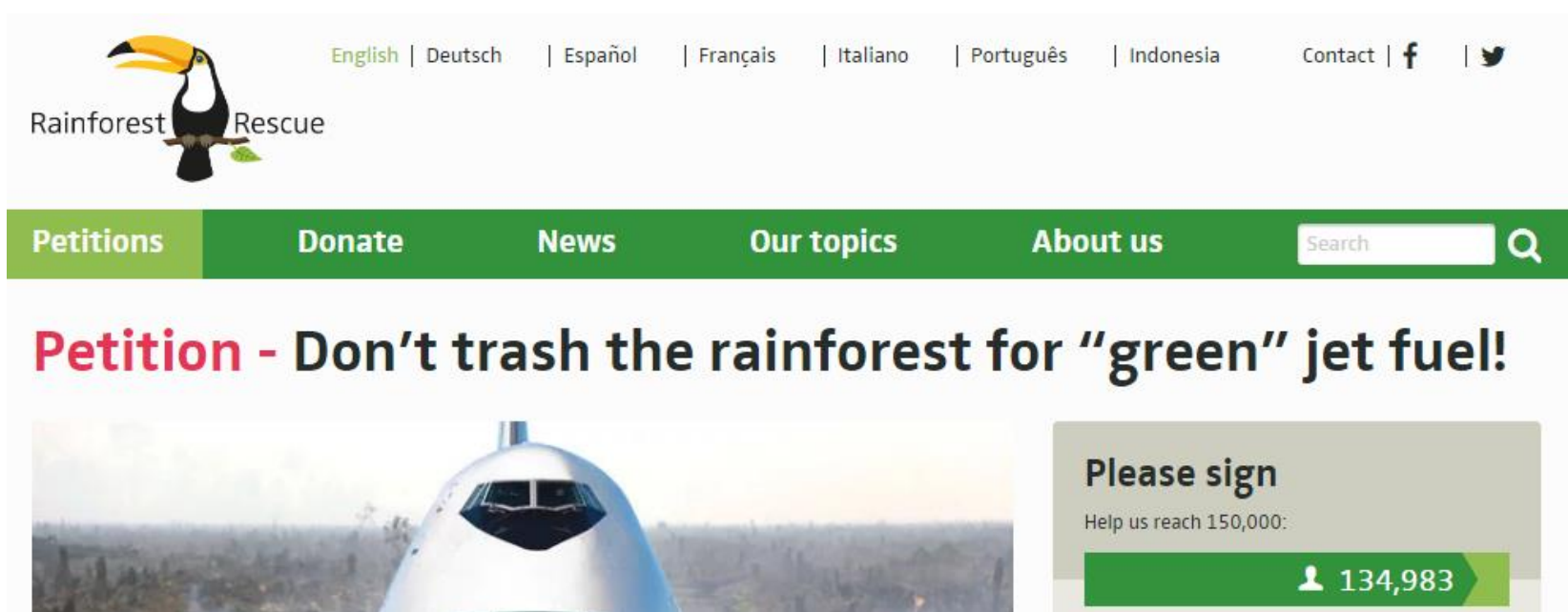


How much used cooking oil could be available for the aviation industry in the US? (in million gallons)

- Example UCO
 - Availability
 - Competition

SUSTAINABILITY

- From the beginning
- Certainty is needed
- Reputational damage



The screenshot shows the Rainforest Rescue website. At the top left is the Rainforest Rescue logo, featuring a toucan. To the right of the logo are language options: English | Deutsch | Español | Français | Italiano | Português | Indonesia. Further right are links for Contact, Facebook, and Twitter. Below the header is a green navigation bar with the following menu items: Petitions, Donate, News, Our topics, About us, and a search bar. The main content area features a large red heading: "Petition - Don't trash the rainforest for 'green' jet fuel!". Below the heading is a photograph of a jet airplane flying over a deforested landscape. To the right of the photograph is a sign-up box with the text "Please sign" and "Help us reach 150,000:". Below this text is a green progress bar showing a person icon and the number "134,983".

Rainforest Rescue

English | Deutsch | Español | Français | Italiano | Português | Indonesia | Contact | f | t

Petitions | Donate | News | Our topics | About us | Search

Petition - Don't trash the rainforest for "green" jet fuel!

Please sign
Help us reach 150,000:
134,983

- Premature
- Stakeholders should:
 - In **ICAO**: fight for high integrity of emissions units, MRV and transparency under CORSIA
→ high carbon price
 - In the **EU**: fight for integrity of aviation EU ETS
- Creating incentives that rely on relaxing the integrity of alternative fuels **undermines** the deployment of truly sustainable fuel and the credibility of the institutions promoting them.

LEVEL PLAYING FIELD WITH ROAD?

- Fuel taxes
- Value Added Tax

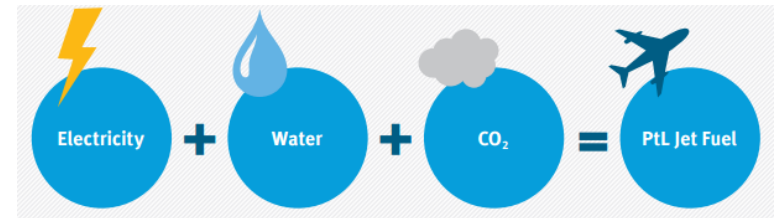


- Pay price premium
- Reduce incentives for road

~ 5% of population have ever flown

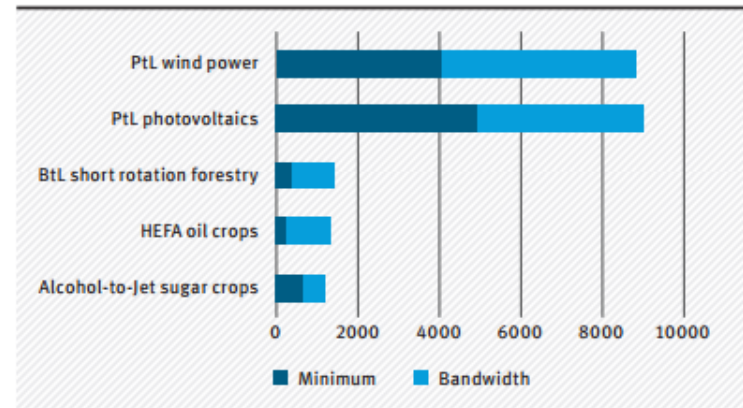
OTHER SOLUTIONS ARE NEEDED

- High carbon price
- Disruptive, sustainable, scalable fuel technologies
- Abolition of subsidies
- Transformative fuel efficiency
- Improved air traffic control
- Tackle demand



How far I could fly with the energy from one hectare

Achievable air mileage for an A320neo per ha of land
(km/(ha · yr))



KEY MESSAGES

- 1** Many biofuels are worse than the alternative
- 2** Availability at large scale unlikely, sustainability challenges remain
- 3** Other solutions are needed



Aviation biofuels

Avoiding past sustainability mistakes



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