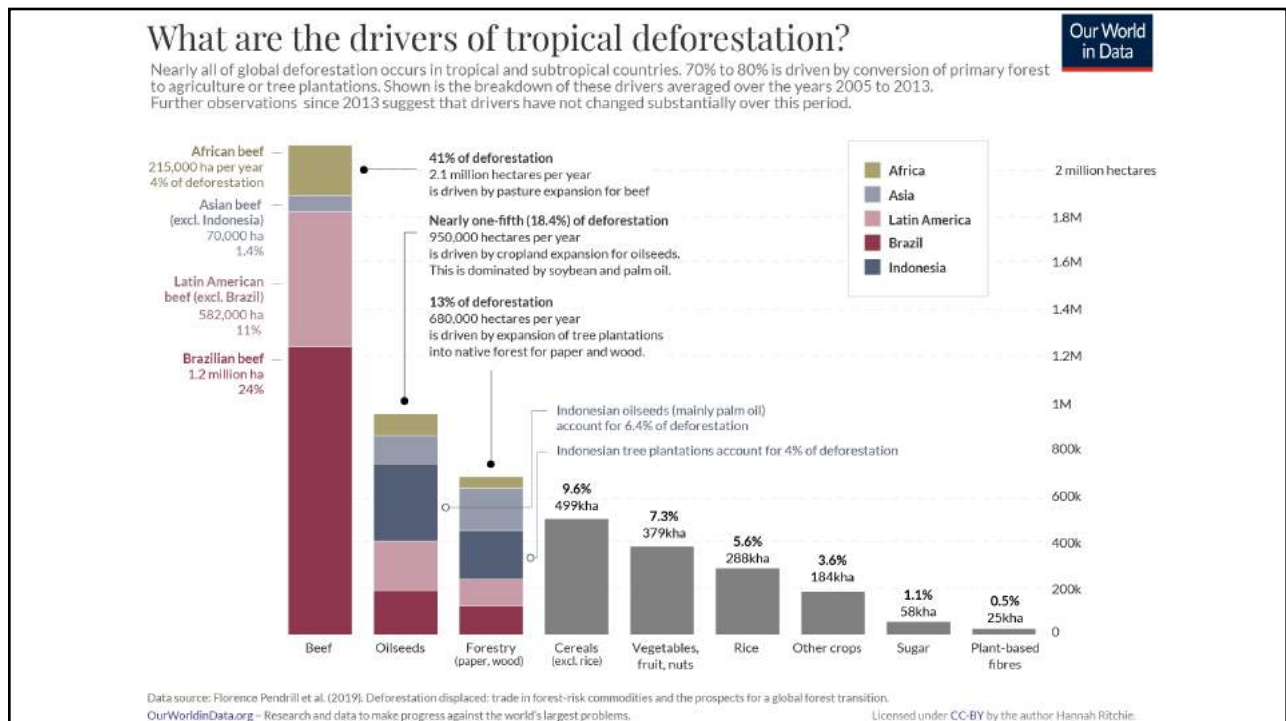


# The Future of Tropical Rain Forests IDS 2935

## 9-2: Palm Oil

1



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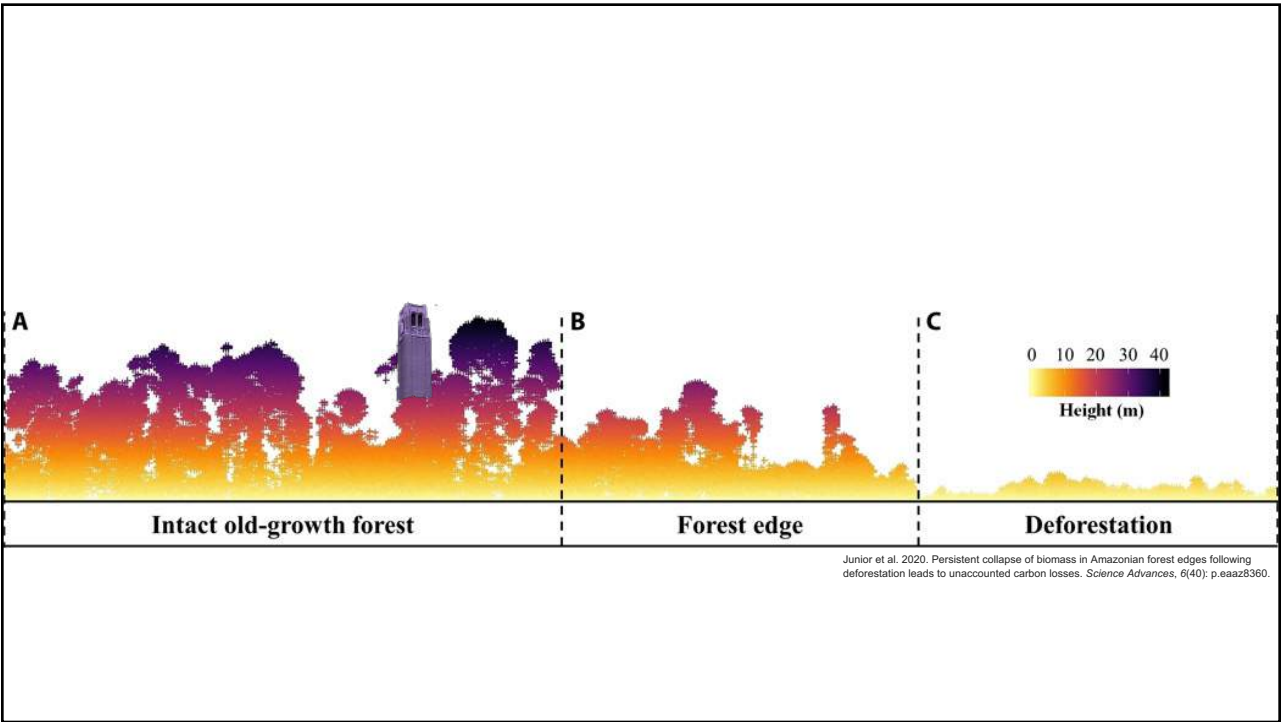


3

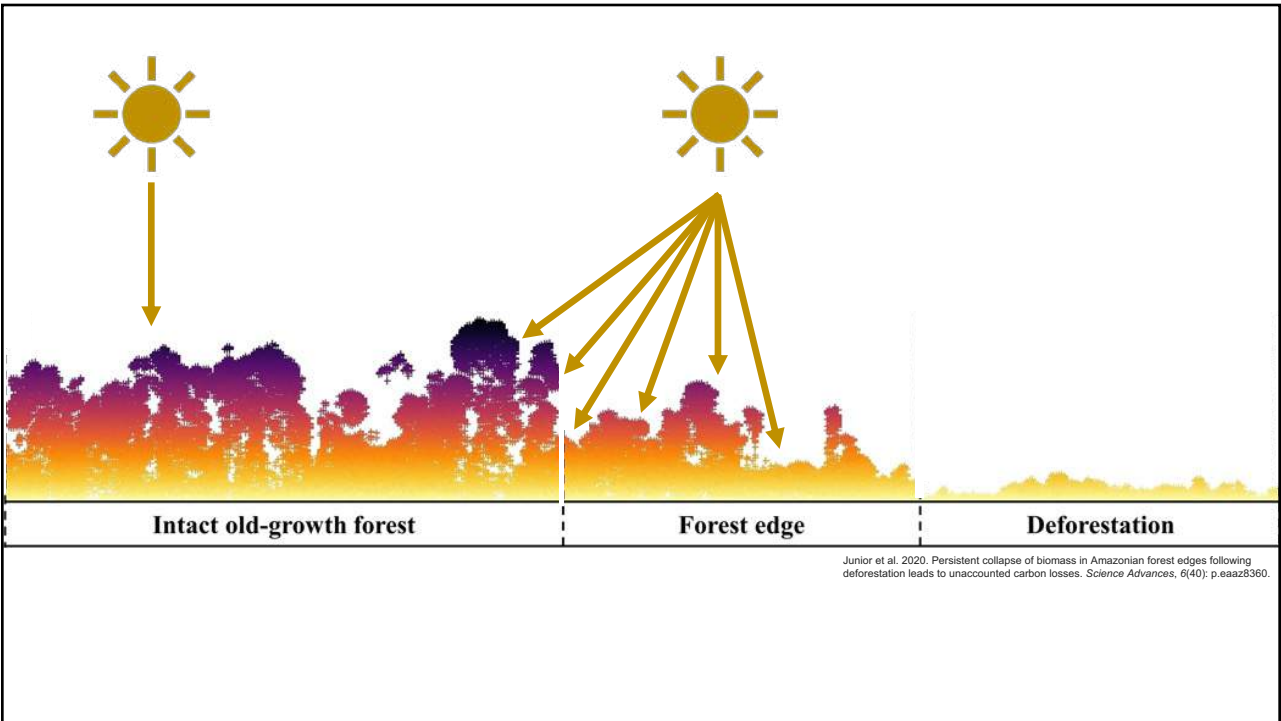


4





5



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## “Forest Fragmentation”



7

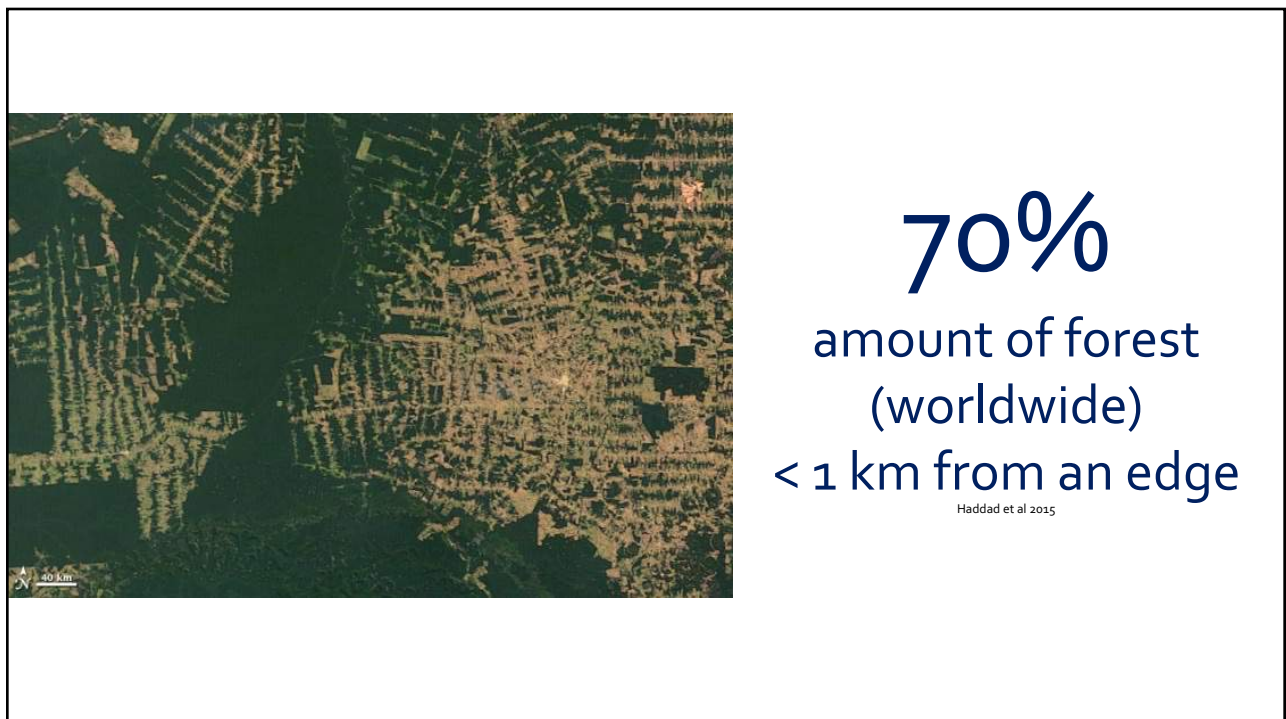
13-75% loss in biodiversity



8



9



10



## CLIPREEL

Overflight for fire and deforestation monitoring in the Amazon, in the Amazonas state, in the cities of Novo Aripuanã, Apuí and Lábrea.

Sobrevoô de monitoramento de queimadas e desmatamento na Amazônia, nos municípios de Novo Aripuanã, Apuí e Lábrea, no Amazonas.

July 29th, 2021.

Format: h.264, 1920x1080, 24fps

Audio: Mute

Time: 00:16:23:16

Credit: Fernanda Ligabue / Greenpeace

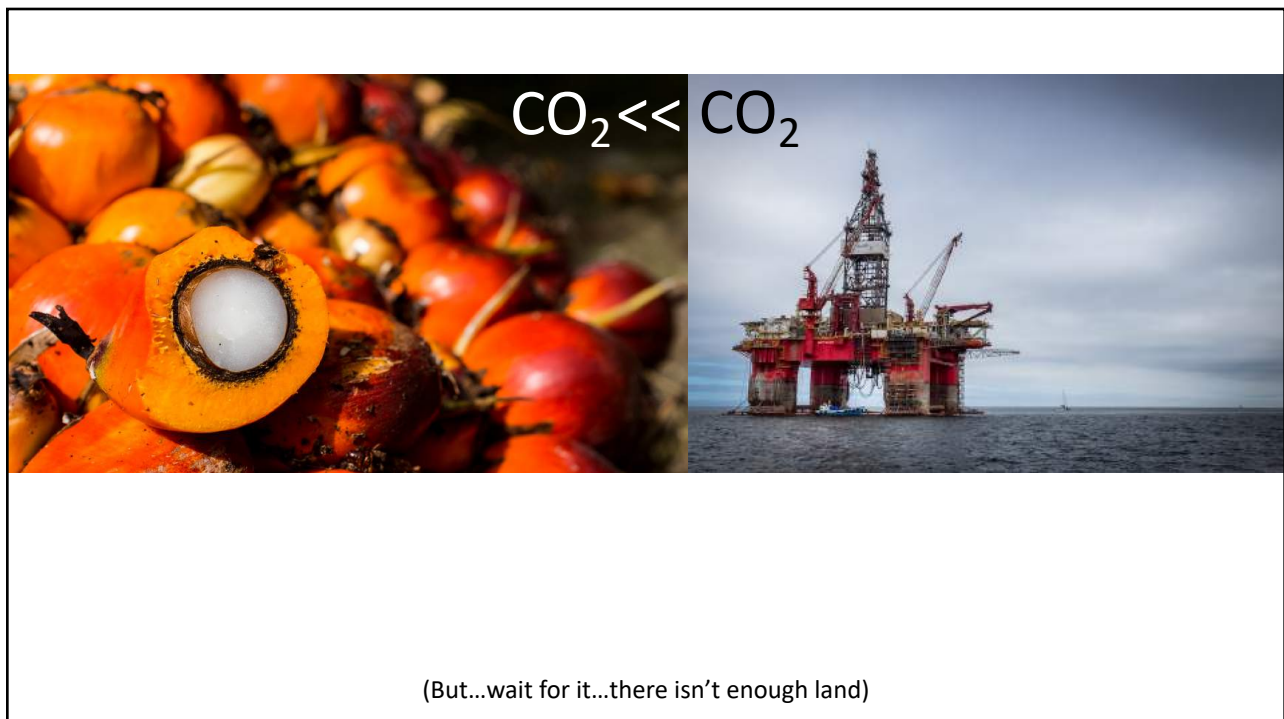
11



12

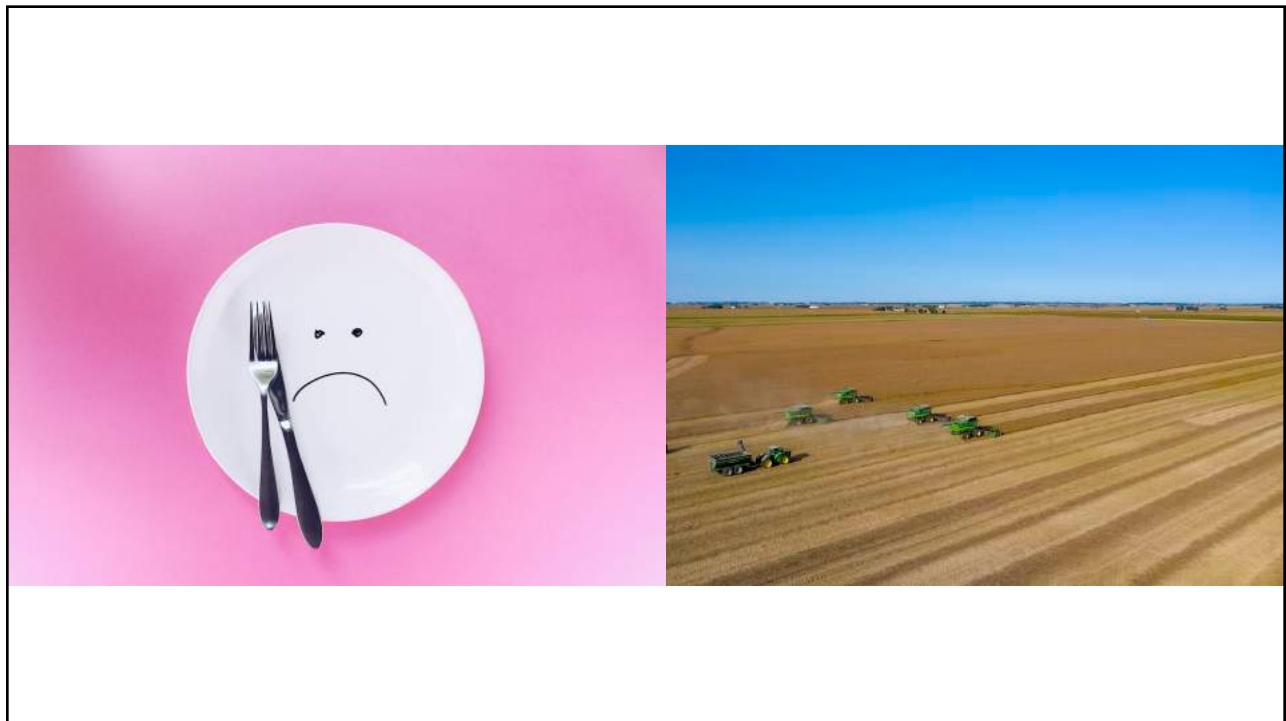


13

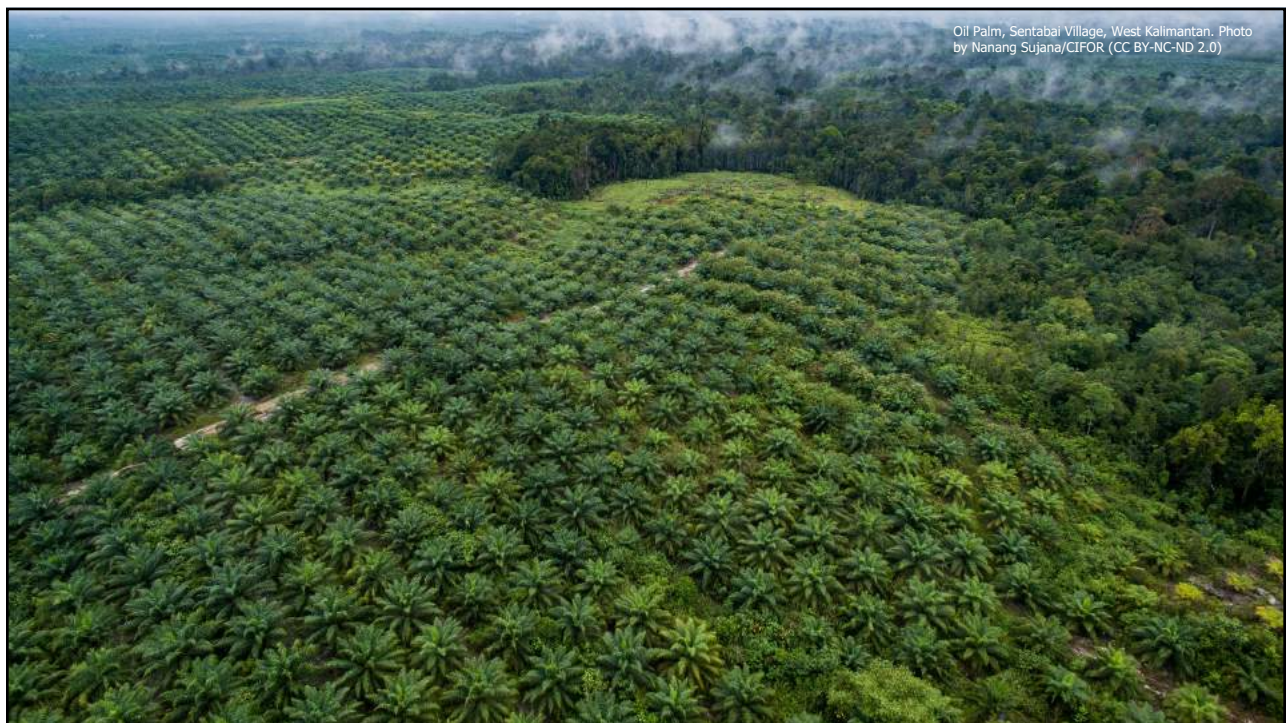


14





15

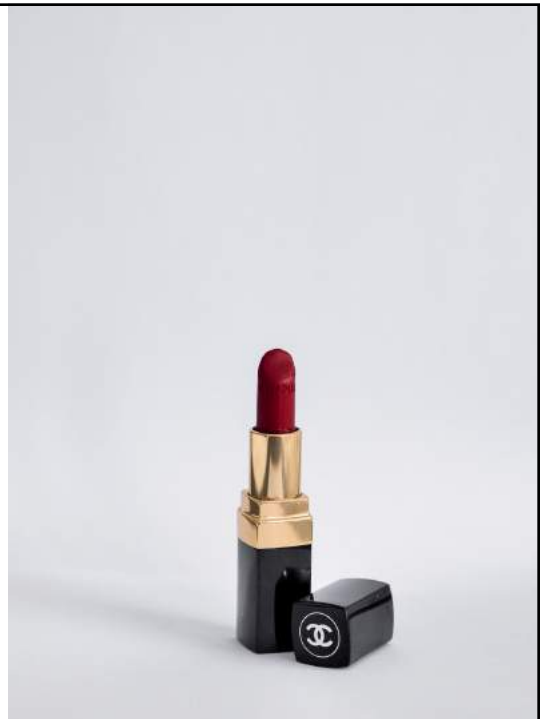


16

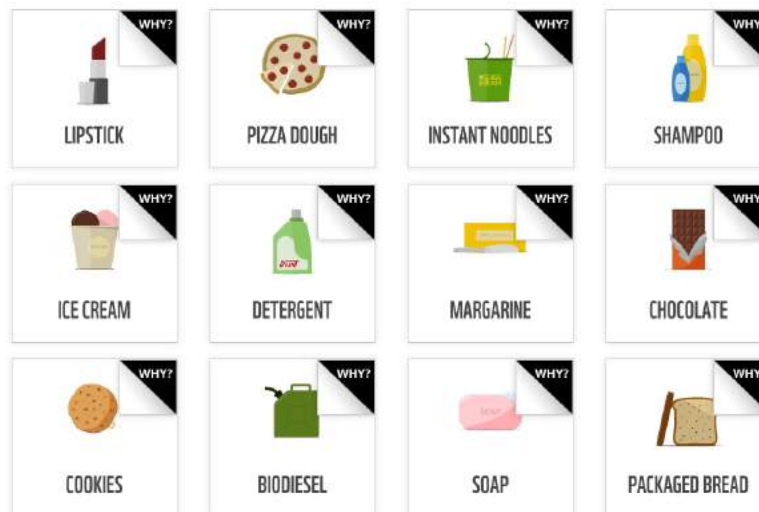


**Foods: ~ 68%**  
**Industrial Applications\*: ~27%**  
**Bioenergy\*\*: 5%**

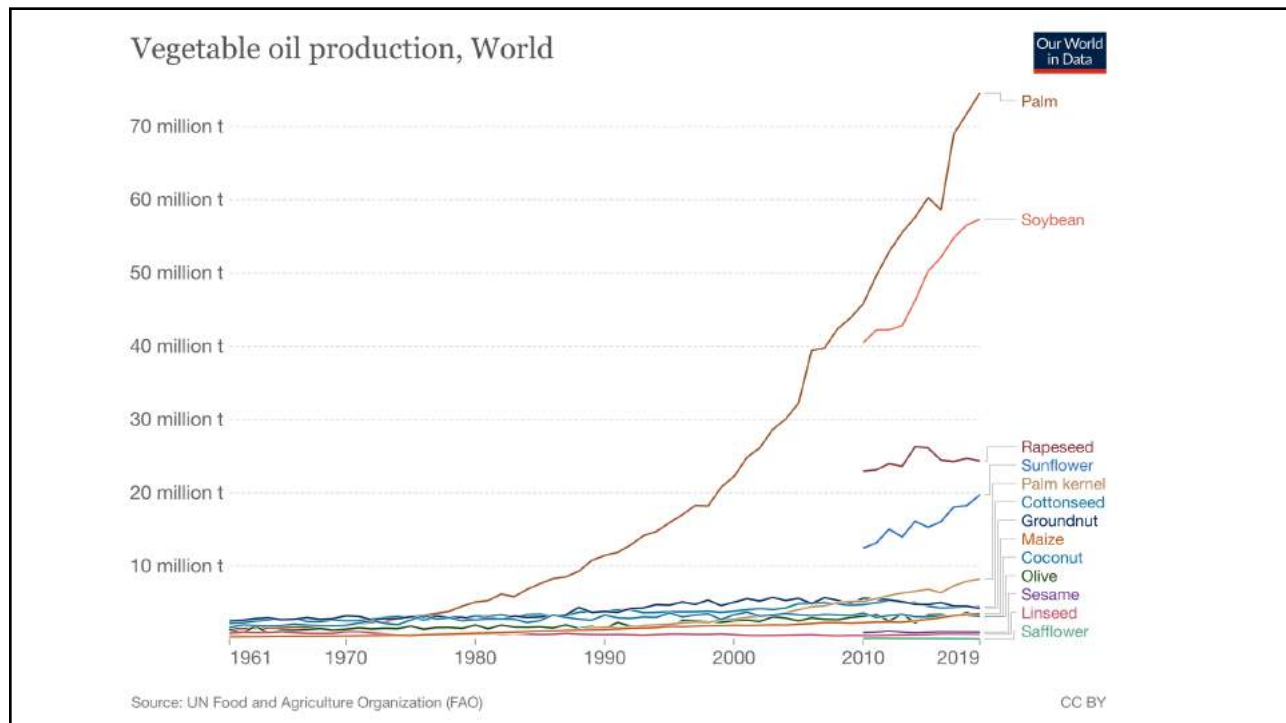
\*soaps, detergents, cleaning, cosmetics  
 \*\* transport, electricity, heat



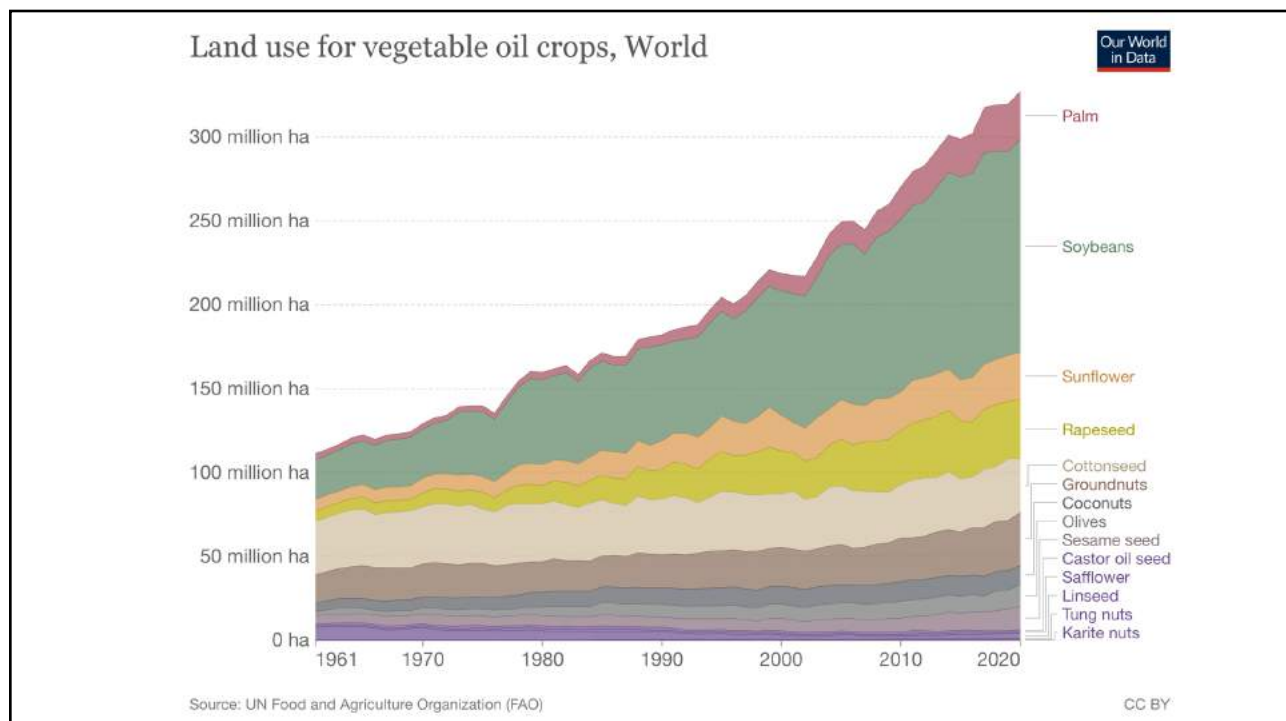
17



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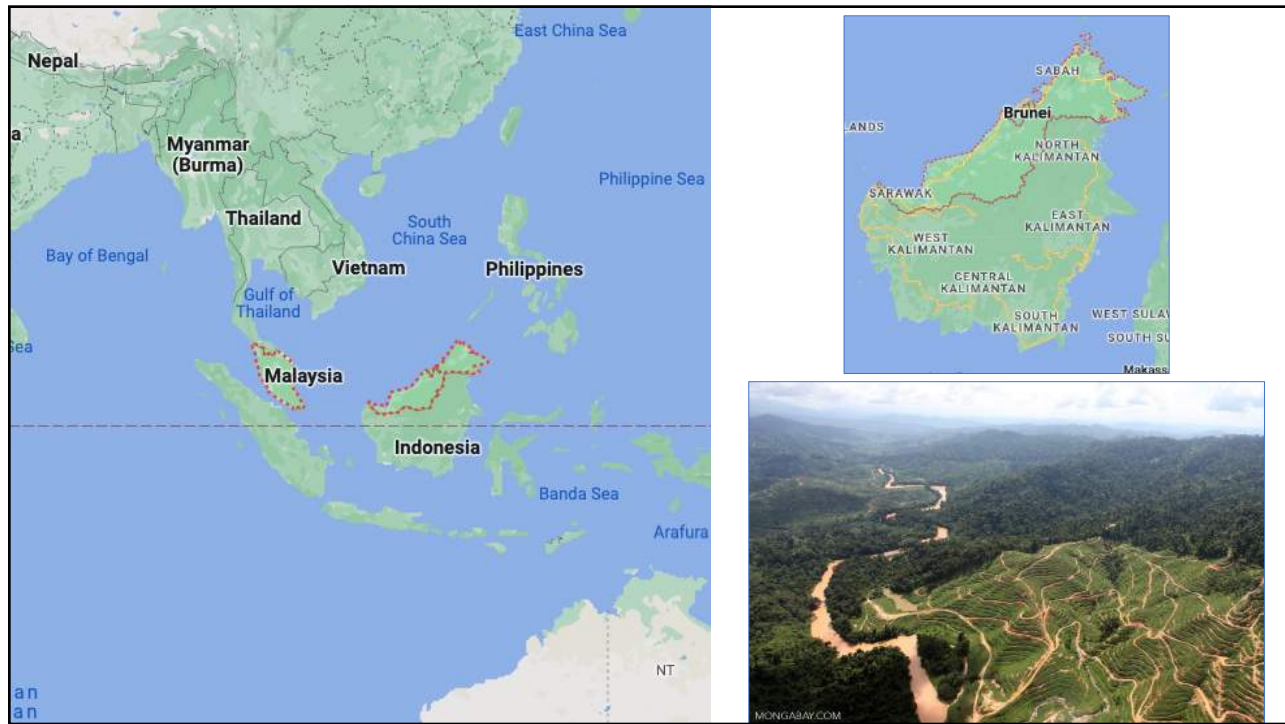


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## 2018 PRINCIPLES AND CRITERIA

**7 PRINCIPLES**  
 for growers to be RSPO certified

**01** Behave ethically and transparently

**02** Operate legally and respect rights

**03** Optimise productivity, efficiency, positive impacts and resilience

**04** Respect community and human rights and deliver benefits

**05** Support smallholder inclusion

**06** Respect workers' rights and conditions

**07** Protect, conserve and enhance ecosystems and the environment







**No deforestation**



**No new planting on peat**



**No use of fire**



**Protection of labour and human rights**



**Decent living wage**

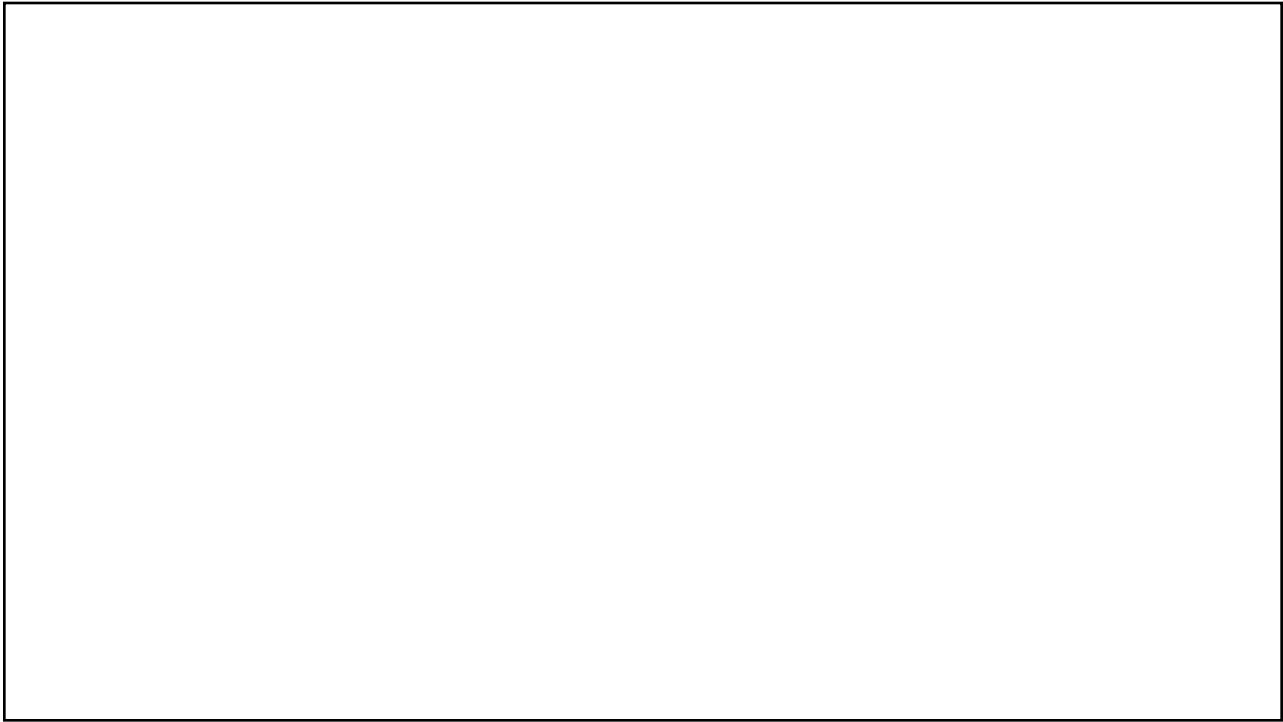
**RSPO** | Roundtable on Sustainable Palm Oil

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32





Alcohol, Lecithin (Soy), Flavor, Saccharin, Synthetic Wax, Blue 1 Lake, Isopropyl Titanium Triisostearate. **Cake Batter** Ingredients: Petrolatum, Paraffin, Mineral Oil, Octyldodecanol, Bis-Diglyceryl Polyacyladipate-2, Arachidyl Propionate, Caprylic/Capric Triglyceride, Phenyl Trimethicone, Beeswax, Copernicia Cerifera (Carnauba) Wax, Isopropyl Myristate, Ethylhexyl Palmitate, Cetyl Alcohol, Flavor, Titanium Dioxide, Benzyl Benzoate, Triacetin, Saccharin, Alumina, Polyhydroxystearic Acid, Silica. **Pumpkin Pie**

ate, Caprylic/Capric  
**Ethylhexyl Palmitate,**  
 cid. Silica. **Pumpkin Pi**

35

1. Elaeis guineensis
2. Etyl palmitate
3. Glyceryl
4. Hydrogenated palm glycerides
5. Octyl palmitate
6. Palm fruit oil
7. Palm kernel
8. Palm kernel oil
9. Palm stearine
10. Palmate
11. Palmitate
12. Palmitic acid
13. Palmitoyl oxostearamide
14. Palmitoyl tetrapeptide-3
15. Palmityl alcohol
16. Palmolein
17. Sodium kernelate
18. Sodium laureth sulfate
19. Sodium lauryl lactylate/sulphate
20. Sodium lauryl sulfate
21. Sodium palm kernelate
22. Stearate
23. Stearic acid
24. Vegetable fat
25. Vegetable oil

Ingredient lists containing the words "cetyl, cetearyl" Hydrated palm glycerides hexadecanoic Sodium lauryl sulphate (SLS), sodium laureth sulphate, sodium dodecyl sulphate, (SDS or NaDS) sodium Palmitic acid Calcium stearoyl lactylate steareth -2, steareth -20 emulsifier 422, 430-36, 465-67, 470-8, 481-483

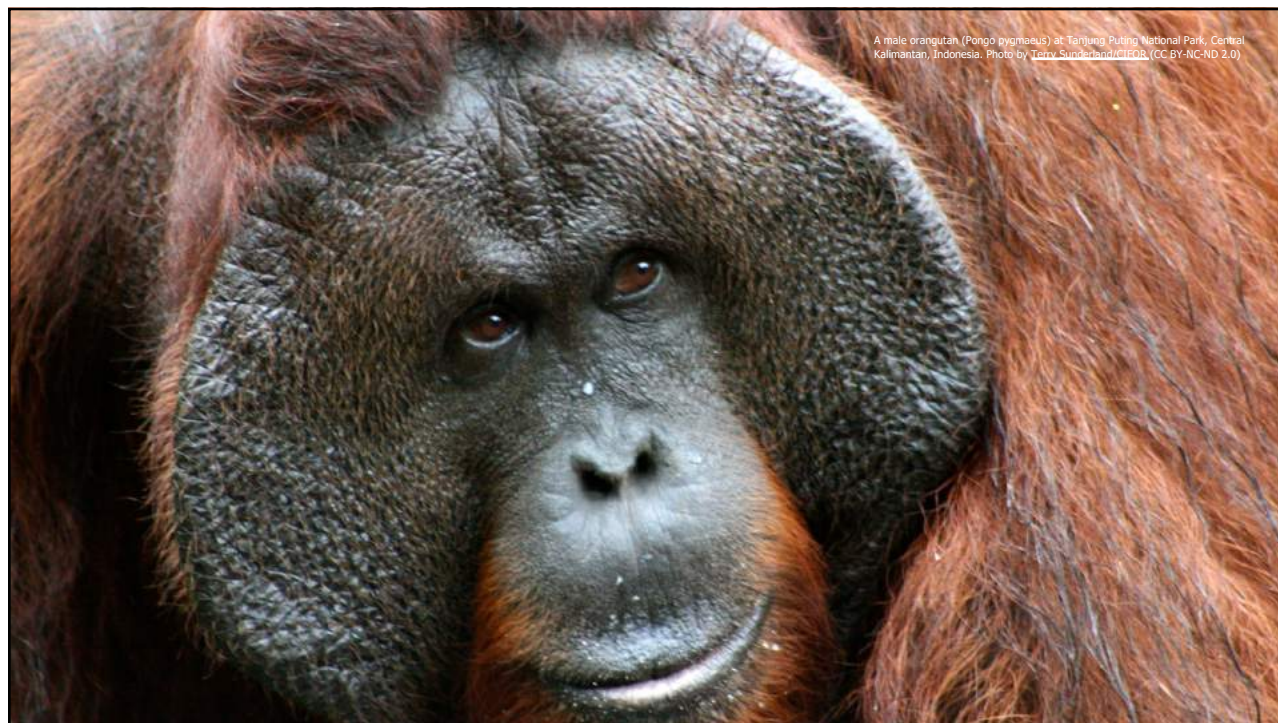
36



**1. Here:** See how many items in your table's backpacks/ bags / lunch contain palm oil or palm oil derivatives.

**2. At home:** Find 15 items that contain palm oil / derivatives.

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