



Erasmus+



# Palm Oil



# What do all these products have in common?

They all contain palm oil!





# What is palm oil?



Here you can see the palm oil tree  
palm oil is made from the fruit which  
you can see here



# products with palm oil

- every 2nd product in our supermarkets has palm oil inside
- almost all chocolates contain palm oil
- it is used to make products more creamy
- it is the most used oil made from plants – 30% of all vegetable oils are made from oil palm
- it contains many vitamins



# products with palm oil

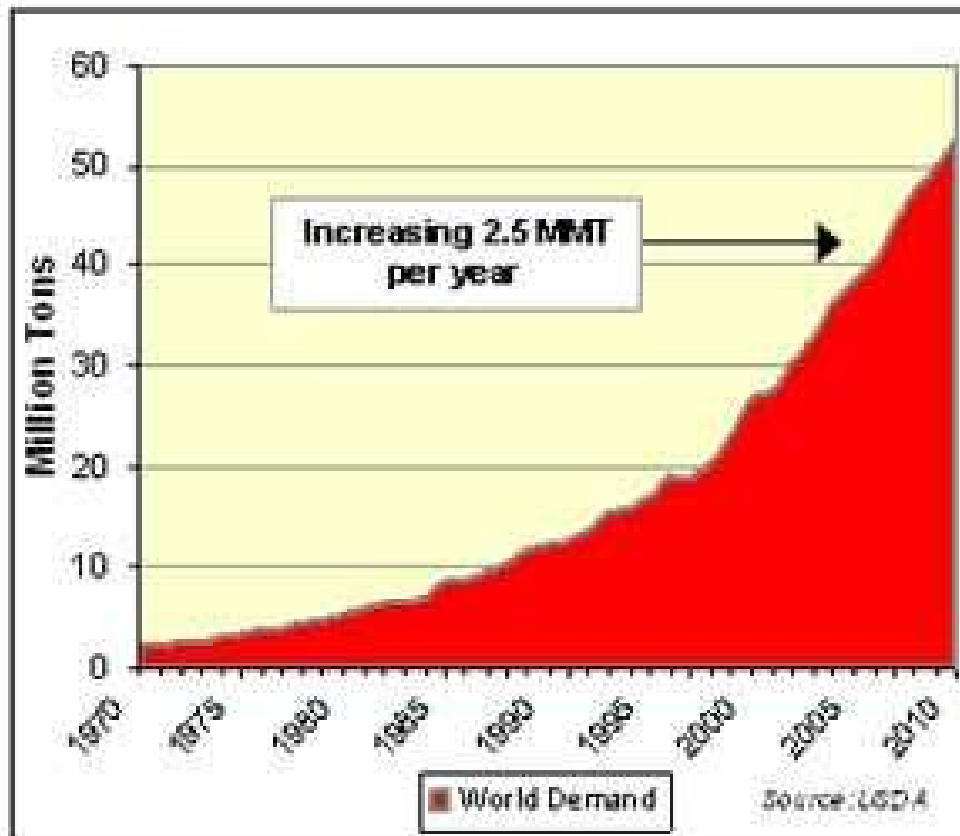
- It is not only in food
- A lot of cosmetics and detergents and cleaning agents contain palm oil
- palm oil is also used for energy production:
  - 61% of the palm oil that is used in Europe is used to produce energy :
  - 51% for biodiesel, 10% to produce electricity and heating



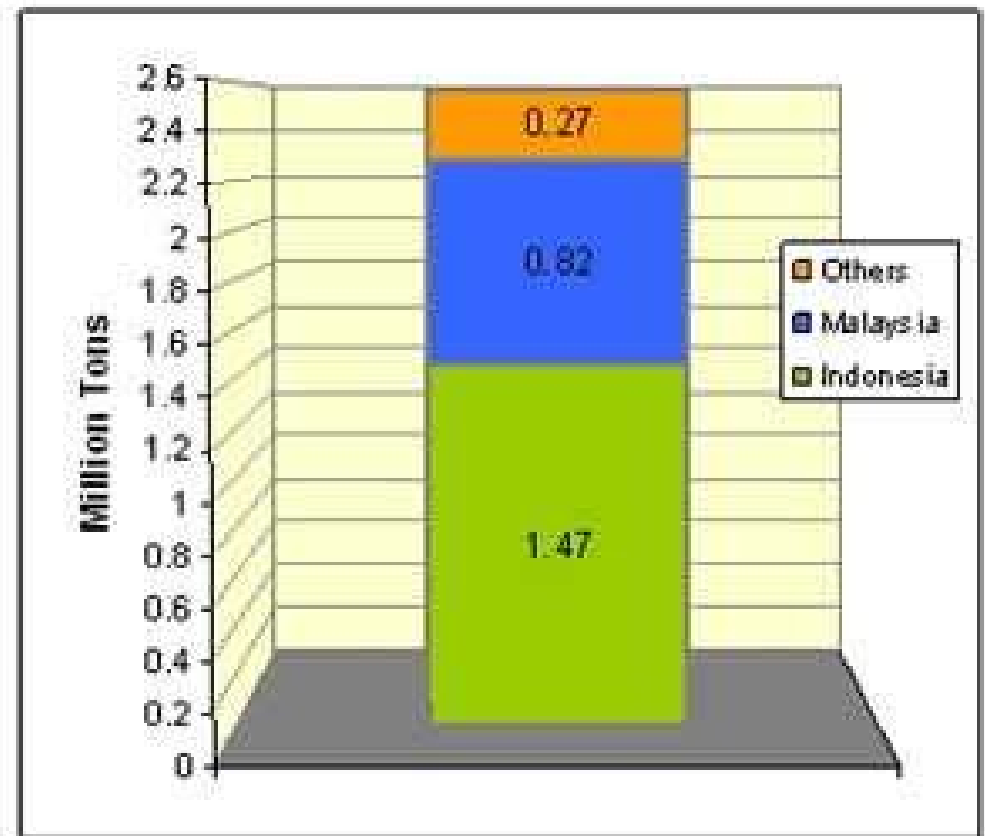
# Consumption of palm oil

- world production of palm oil increased a lot in the last years
- 2001: 24.8 million tons of palm oil were produced
- 2015: 60 million tons of palm oil were produced

Global Palm Oil Demand: 1970-2010



Avg. Annual Increase in Production

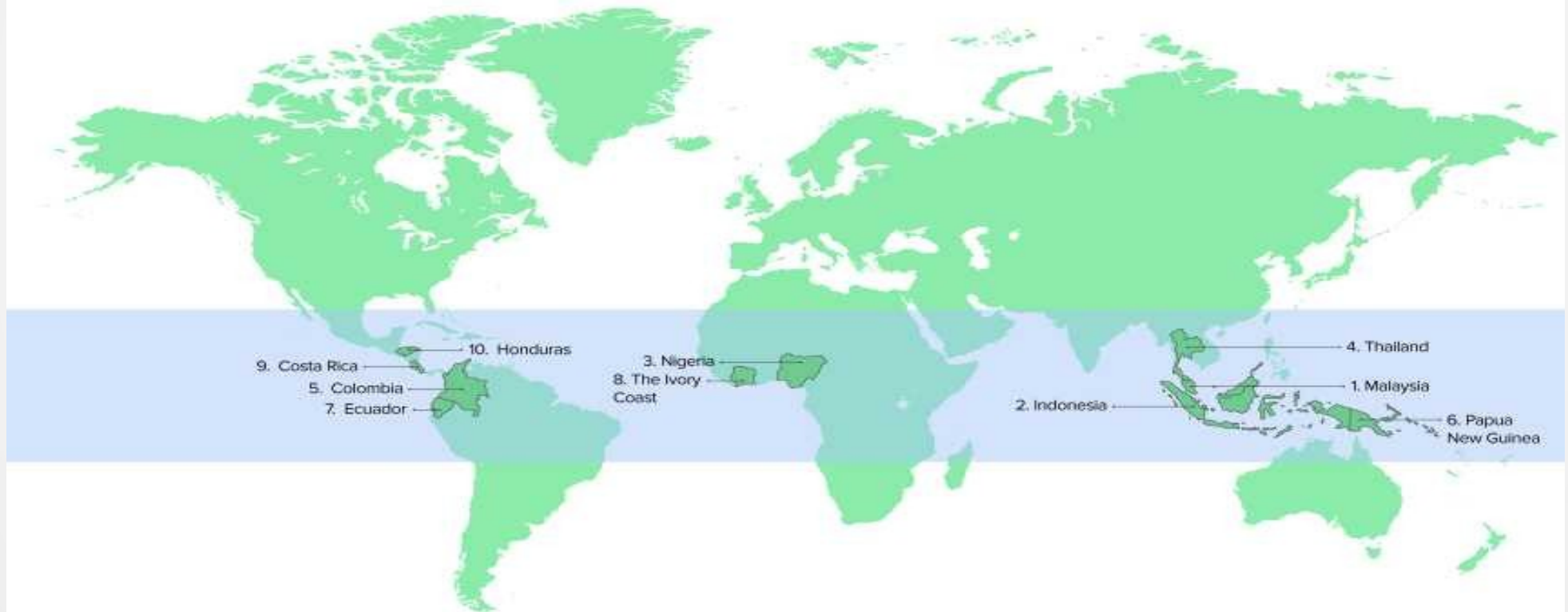


\* Includes palm oil & palm kernel oil

# Where does the oil palm tree grow?

- Palm trees grow in the tropics near the equator
- Indonesia and Malaysia together produce 85.4% of world production
- about 27 millions hectares land are used to grow palm trees

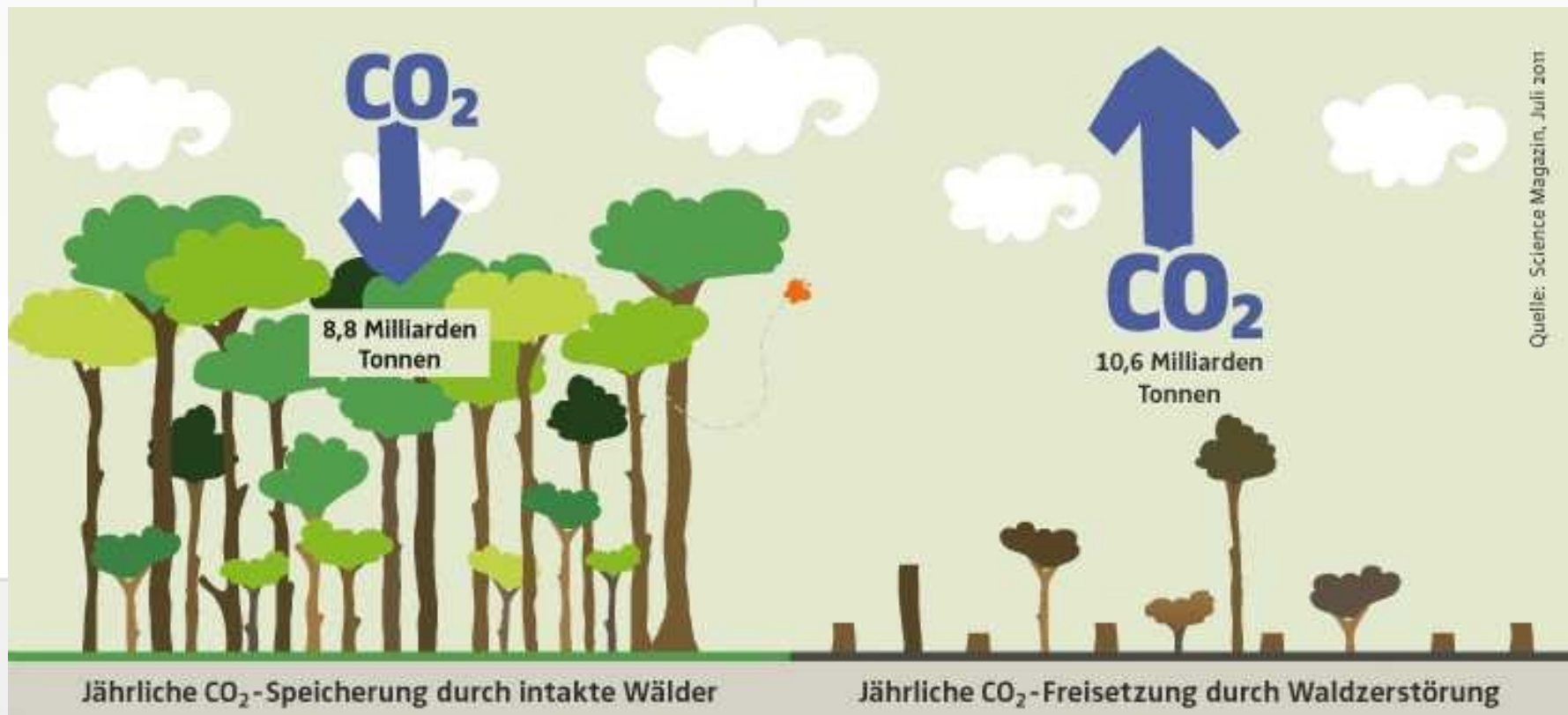
**Figure 1:** Geographic Distribution and Ranking of Global Palm Oil Producing Nations





# What is the problem???

- to grow the palms huge areas of rainforest are destroyed - so the trees can't absorb (take on) CO<sub>2</sub> any more → this is bad for our climate
- many times the trees are burnt to make room for the farms - a lot of CO<sub>2</sub> is released this way --> this is also very bad for our climate





# What is the problem???

**Huge areas of rainforests are destroyed – especially in Borneo (Indonesia)!**



# What is the problem???

**It is very bad for the environment!**





# What is the problem???

**This is called mono-cropping. Only one type of plant is grown on a very large area.**





# What is the problem???



**Animals like the  
Orang-Utan lose their  
home!**

# What is the problem???

## Sumatra tiger





# What is the problem???

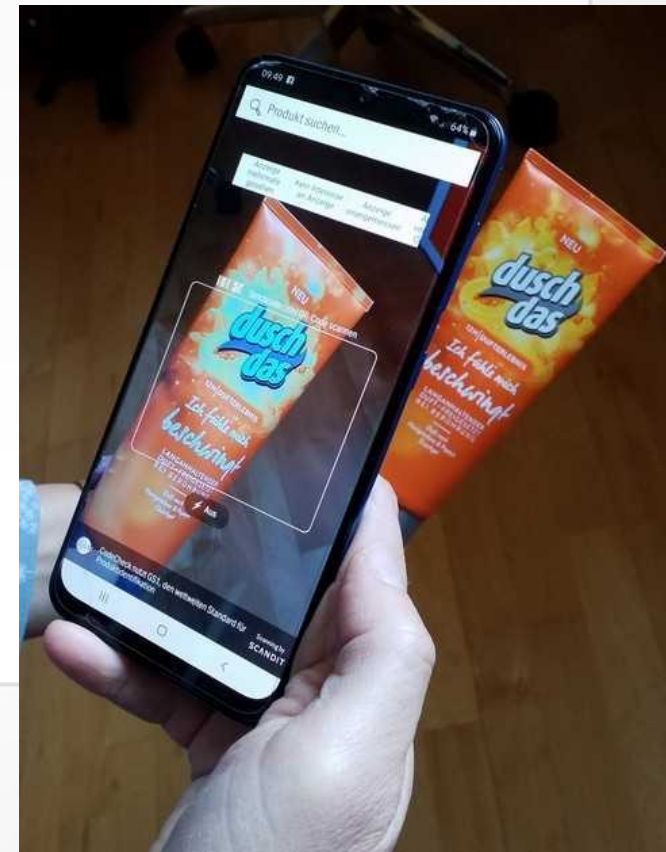
**There is also a problem for many villagers**





# What can we do???

- Check the packaging of products you buy for palm oil
- food products have to state that palmoil is inside
- but cosmetic products don't have to say that they contain palm oil
- other words are used for palm oil
- there e.g.
  - Cetearyl / Cetyl ,
  - Lauryl / Lauroyl / Laurate,
  - Palm / Palmate / Palmitate,
  - Stearyl / Stearateuge
- but you can use an app to to check
- these products for palm oil



# What can we do???

- buy products with **European oils:**
- **sunflower oil, olive oil, rapeseed oil, flax seed oil**





# What can we do???

- Biodiesel is not ecological!!
  - Biodiesel with palm oil is 3 times worse for the climate than diesel produced from fossil oil
- Go by bike or public transport whenever possible





# What can we do???

## What about labels?

- **Better then nothing but far from sustainable!**



**The only way to really help the environment, the animals and the people is to buy less products with palm oil!**

# What can we do???

- Become active:

- **Write letters to companies to tell them that you don't buy their products any more because of the palm oil they use!**
- **Spread the word: Inform your friends and the school community about the bad impact of palm oil!**
- **Create information material/poster to make this issue visible!**





Thank you for your attention!

