



Trends on global deforestation and trade

The role of soft commodities and
traceability

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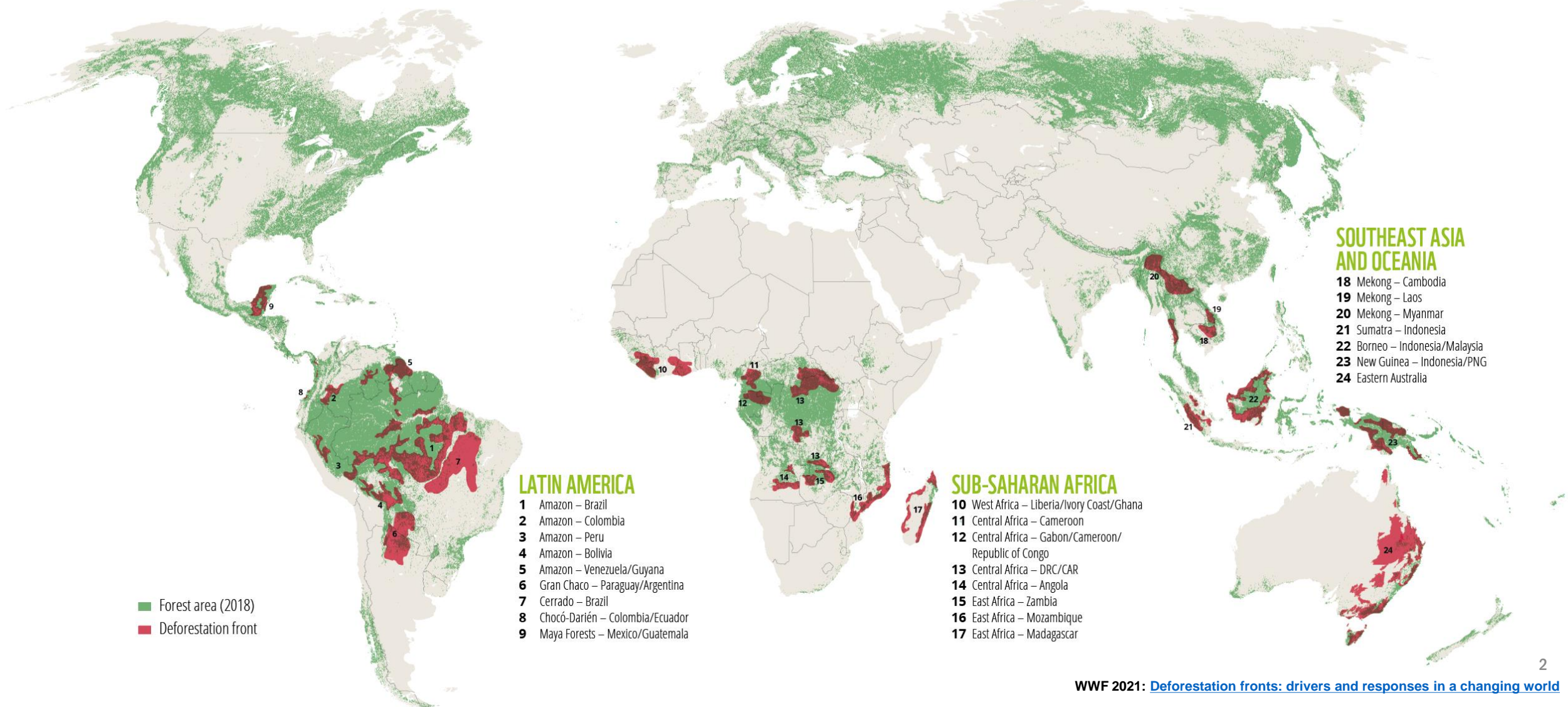
WWF European Policy Office

June 2022

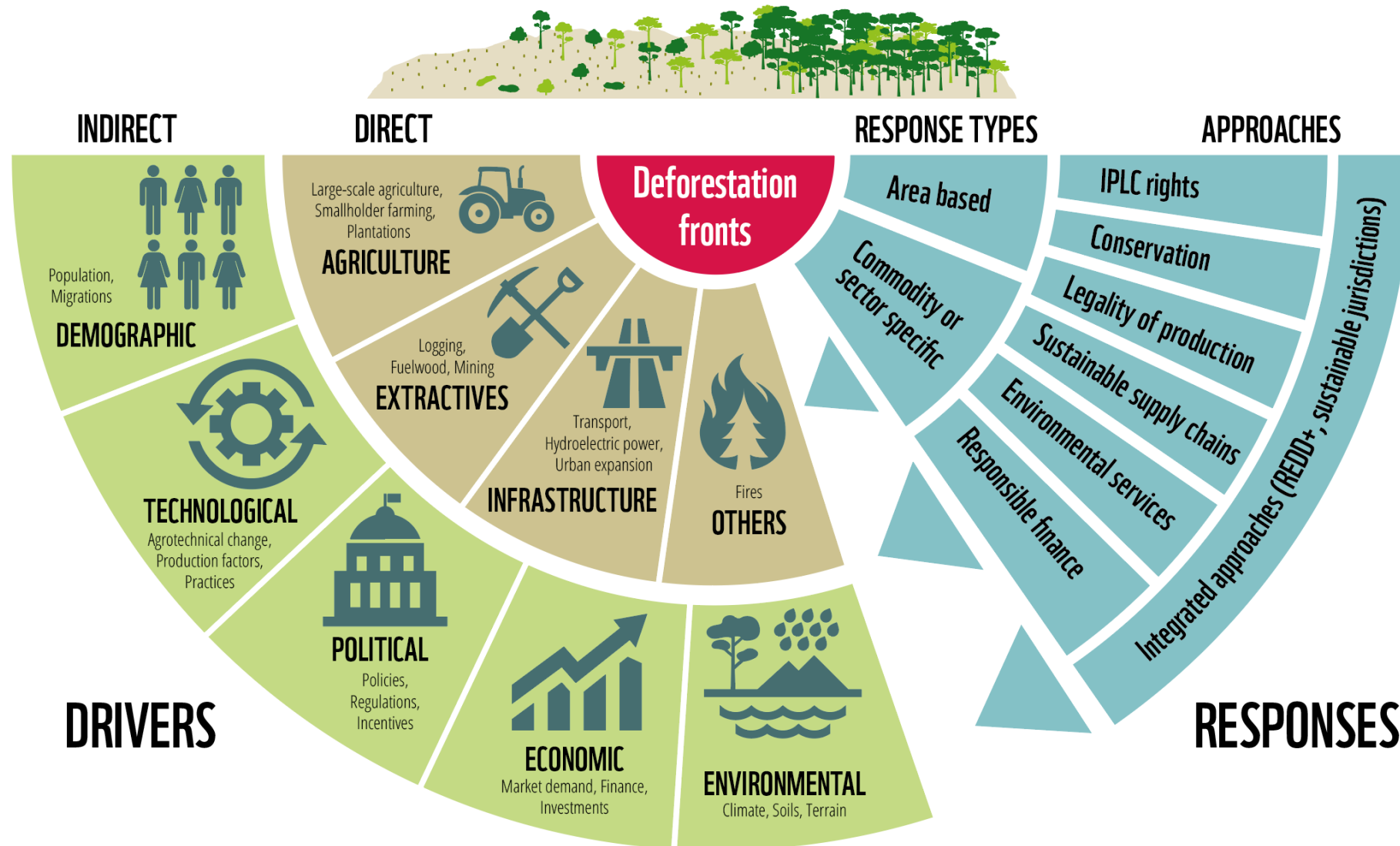
Deforestation around the world



According to FAO between 80-90% of deforestation is linked to agriculture expansion.



What are the drivers?



Deforestation impacts environment and People



Impact on the environment

- Loss of animal and plant species
- Fueling climate change
- Change in weather patterns
- Soil erosion
-

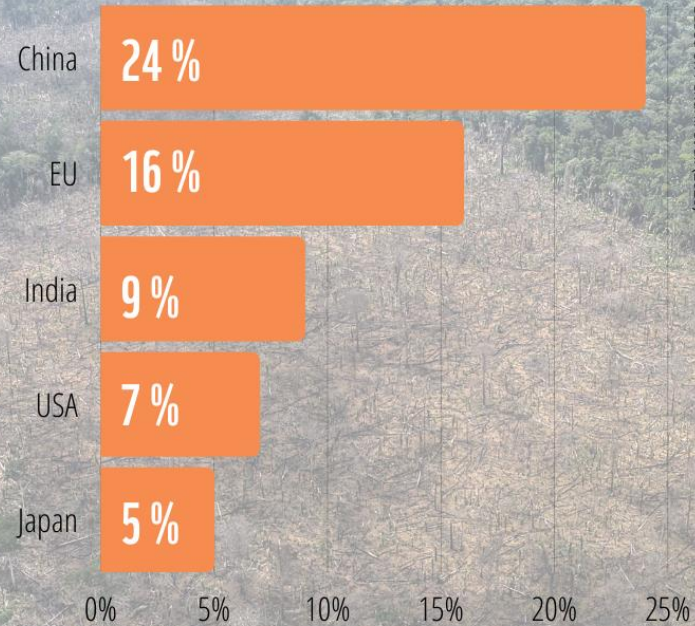
Impact on people

- Land grabbing and forced evictions
- Threats and violence
- Loss of traditional livelihood and culture,
- Water shortage and pollution
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Deforestation and its links to trade



PERCENTAGE OF TROPICAL DEFORESTATION ASSOCIATED WITH INTERNATIONAL TRADE IN 2017



Source: WWF, 2021. Data compiled by Trase/Stockholm Environment Institute.
Stepping up? The continuing impact of EU consumption on nature worldwide.
Image: Marizilda Cruppe / WWF-UK

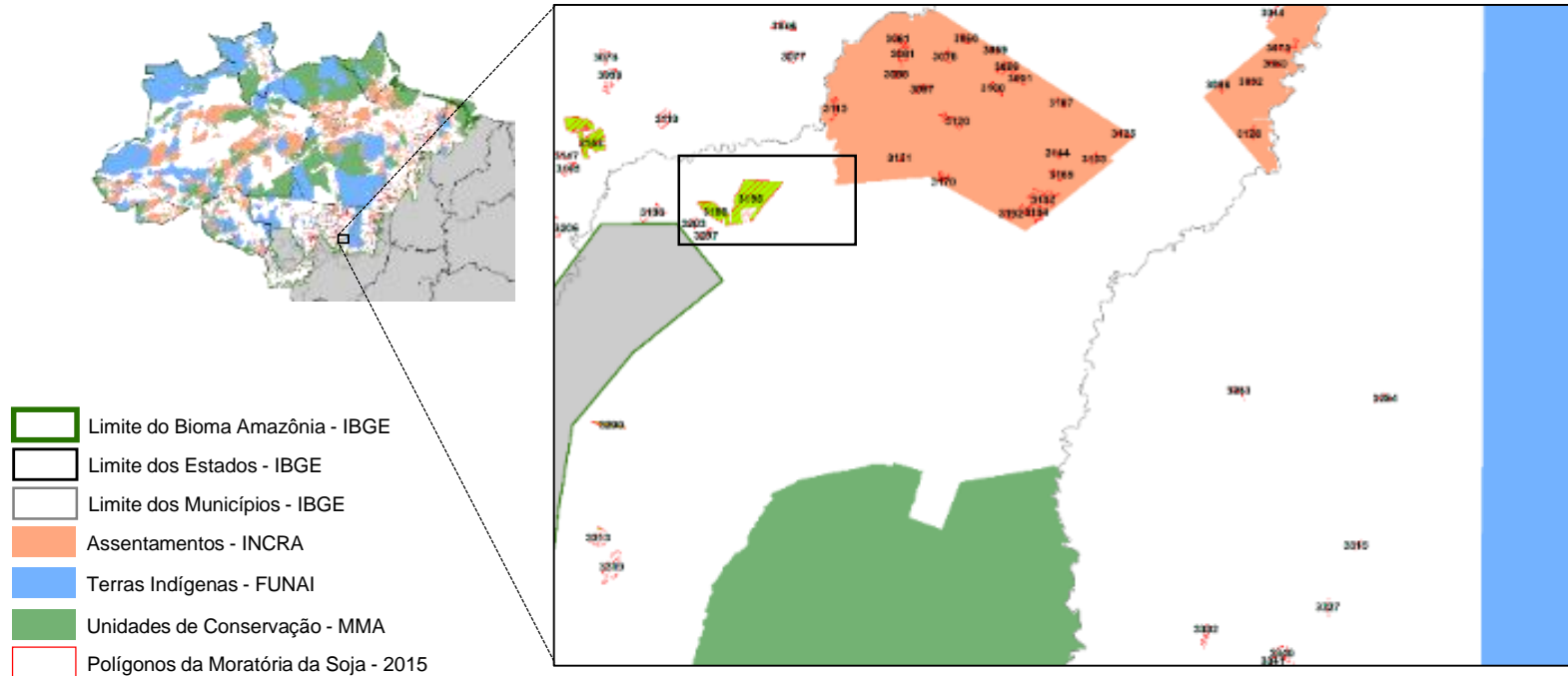
COMMODITIES WITH THE LARGEST EMBEDDED TROPICAL DEFORESTATION IMPORTED INTO THE EU BETWEEN 2005-2017

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- Based on Pendrill et al. (2020)
1. SOY (FOR ANIMAL FEED)
 2. PALM OIL
 3. BEEF
 4. WOOD PRODUCTS
 5. COCOA
 6. COFFEE



Source: WWF, 2021. Data compiled by Trase/Stockholm Environment Institute.
Stepping up? The continuing impact of EU consumption on nature worldwide.
Image: Jaime Rojo / WWF-US

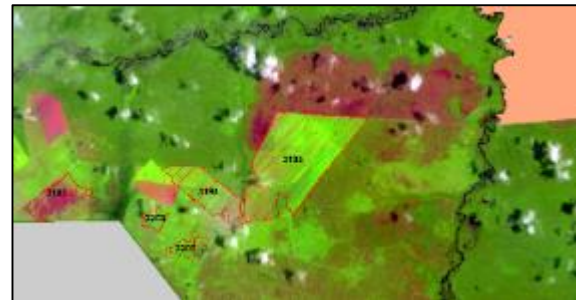
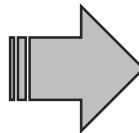
Traceability is needed – and it works



Benchmark of large scale,
precise deforestation control
of soy supply:

Region-District-Farm

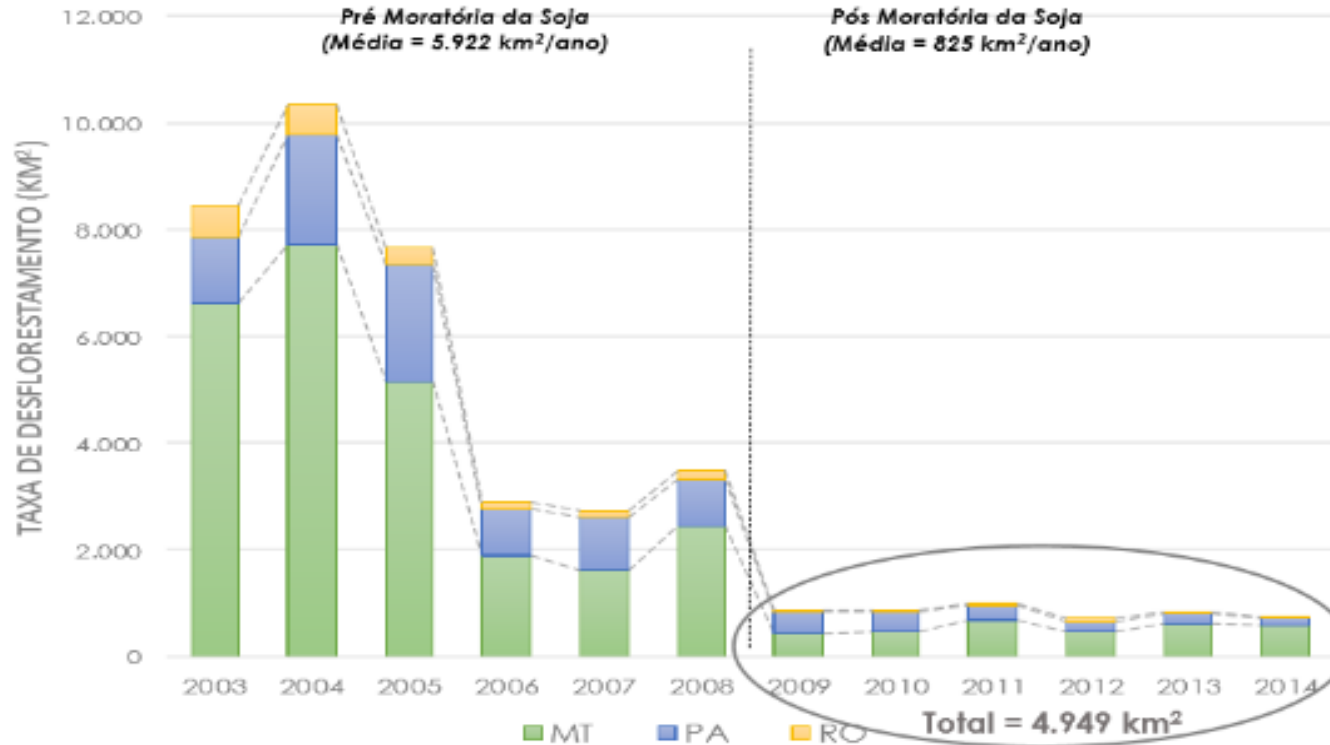
Deforested area with soy
field, detected on Landsat



Traceability is reducing deforestation



Taxa de desflorestamento nos 76 municípios monitorados



Desflorestamentos estaduais no bioma Amazônia de 2009 a 2014 = 26.571 km²

RO=4.155 km²; MT=5.441 km²; e PA=16.975 km²



Fonte: Adaptado de INPE, 2015.

After the traders agreed to the Amazon Soy Moratorium deforestation from soy in the Amazon decreased from 30% to less than 1 %.

At the same time, production of soy has also increased 4X in the Amazon (through using only existing agricultural land).

...but it is not only about forests



AMAZON

12% CONVERSION

~ 650.000 ha/year

LIVESTOCK AS MAIN DRIVER

MOSTLY ILLEGAL DEFORESTATION

CERRADO

48% CONVERSION

~ 1,000.000 ha/yr

LAND SPECULATION linked to SOY

MOSTLY LEGAL CONVERSION

Links to the work of Custom authorities



- **Traceability and transparency of products to the farm level is possible. Technologies are available and already being used.**
- **Including traceability and transparency in legislation will help to fight deforestation, especially in consumer markets.**
- **Customs plays an important role:**
 - **Expertise and systems in place for effective enforcement of laws**
 - **Controlling products before they are placed on the market – power to stop products before they enter the market**
 - **Exchange with other customs and enforcement authorities to help detecting non-compliant products across countries**

THANK YOU



Working to sustain the natural
world for the benefit of people
and wildlife.

together possible™

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