Webinar:
Toward Zero Deforestation Supply Chains
The case of Natural Rubber

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International Rubber Study Group (IRSG)

Organised by Competere
25th June 2021

About International Rubber Study Group (IRSG)

- **Who are we?**

- **Established in 1944 as an inter-governmental organisation, headquartered in London, UK. As of July 2008, the Group has been based in Singapore.**

- **IRSG is the forum for discussion of matters affecting the supply and demand for natural as well as synthetic rubber.**

- **Authoritative source of statistical data and analysis for all aspects of the rubber industry.**

IRSG is the Global Platform for the Rubber Sector

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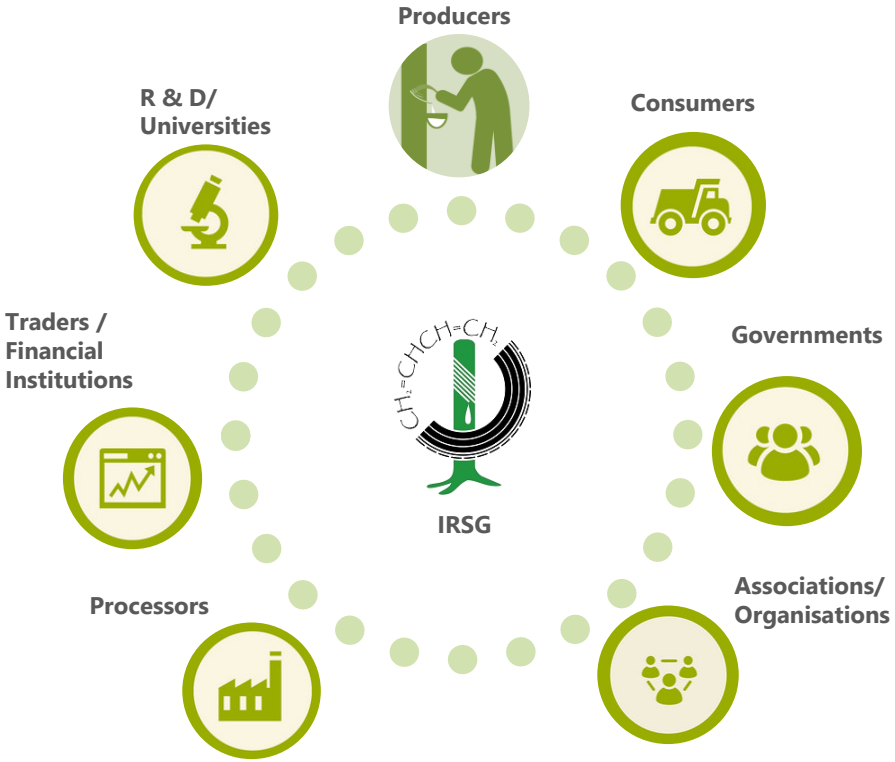


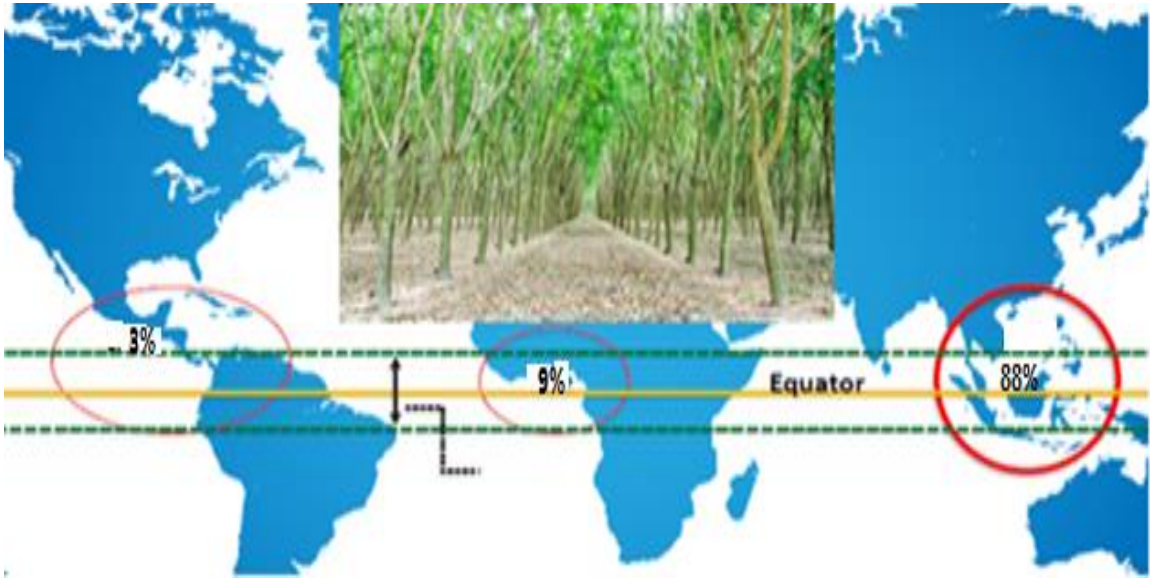
IRSG a world network of more 100 Industry members

IRSG
Main Statistical Publications

Collaboration with other organisations

IRSG Sustainability Agenda

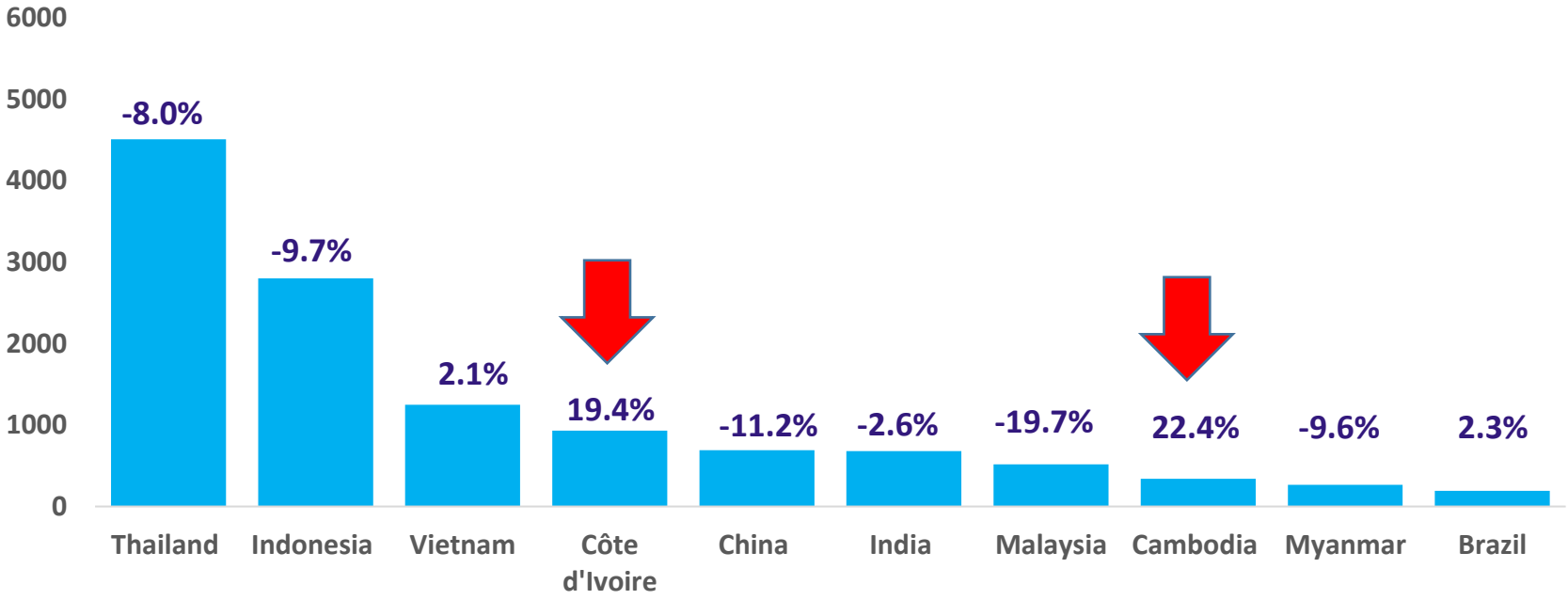
Natural Rubber a Strategic Raw Material



Thailand & Indonesia representing 56% of Global NR Production

Total World Production 2020: 13 Mt

Natural Rubber Production by Country (2020)

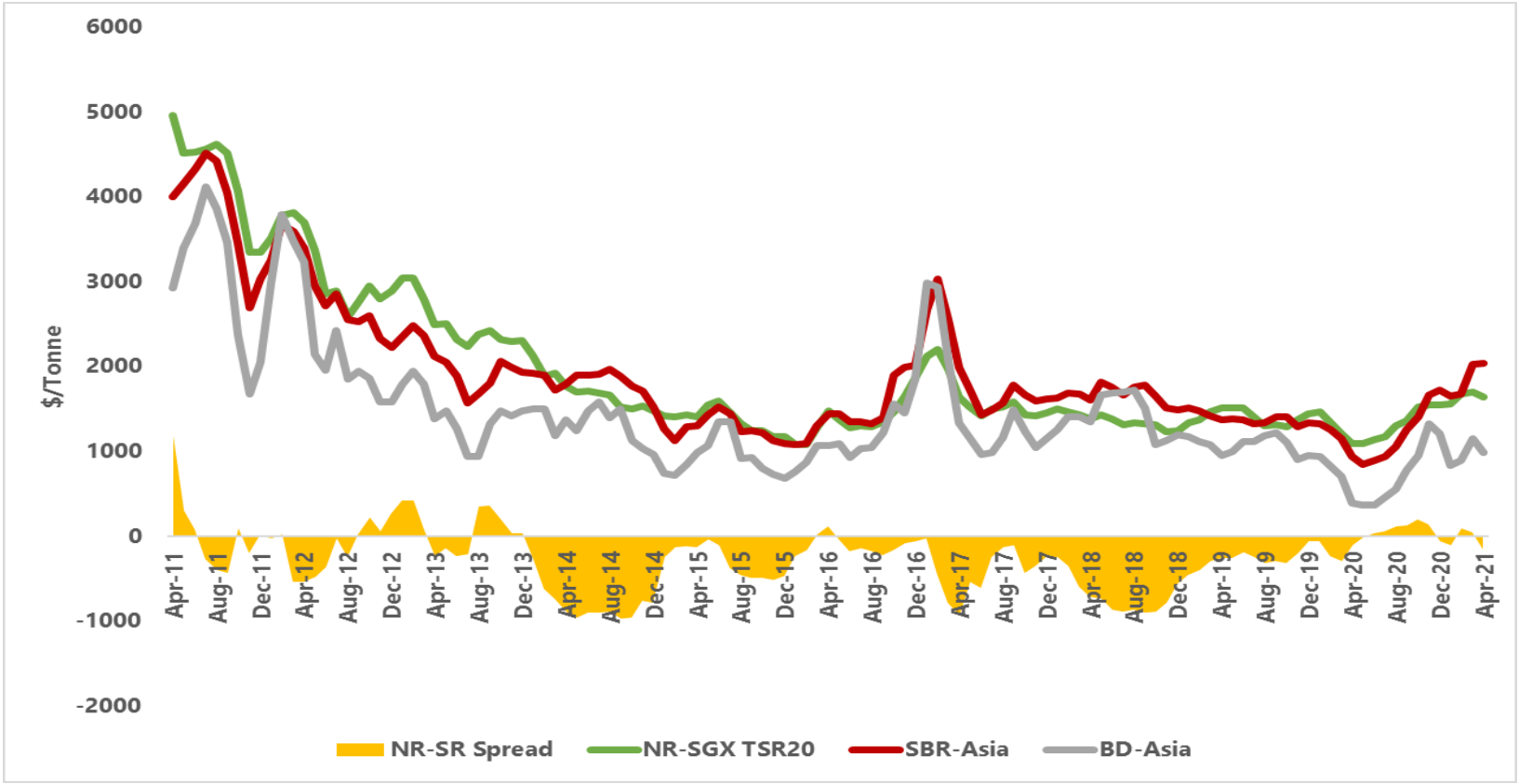


Natural Rubber End uses

Tyre: 71%

GRG: 29%

Prices Trend in the Rubber Market



Natural Rubber Economy: Changing Facets

IRSG Photo Competition: Root trainer plants
Dr Vinoth Thomas

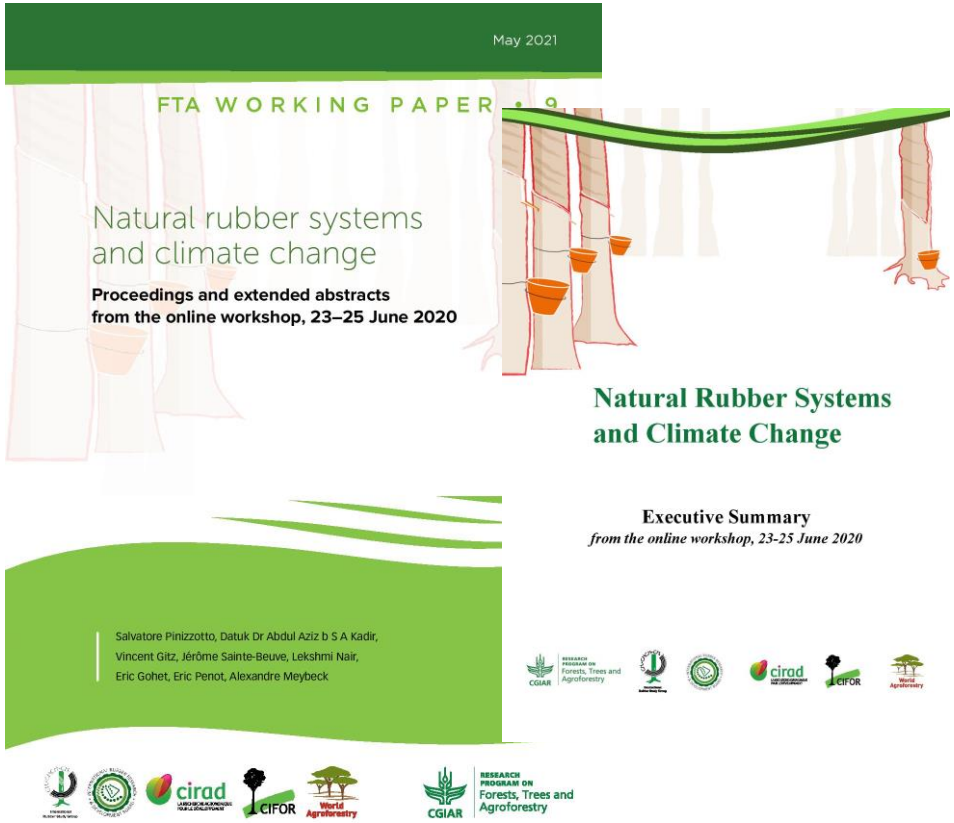
- 90% of production from smallholders
- Falling attractiveness of farming seen as a labour-intensive activity
- Shortage of skilled labour forces
- Land-use change
- Increasing production costs, low level of productivity
- Low level of participation of youths and women, especially in the upstream sector
- For farmers severe limitations to access finance

(Photo: Paddy O Sullivan on Unsplash)

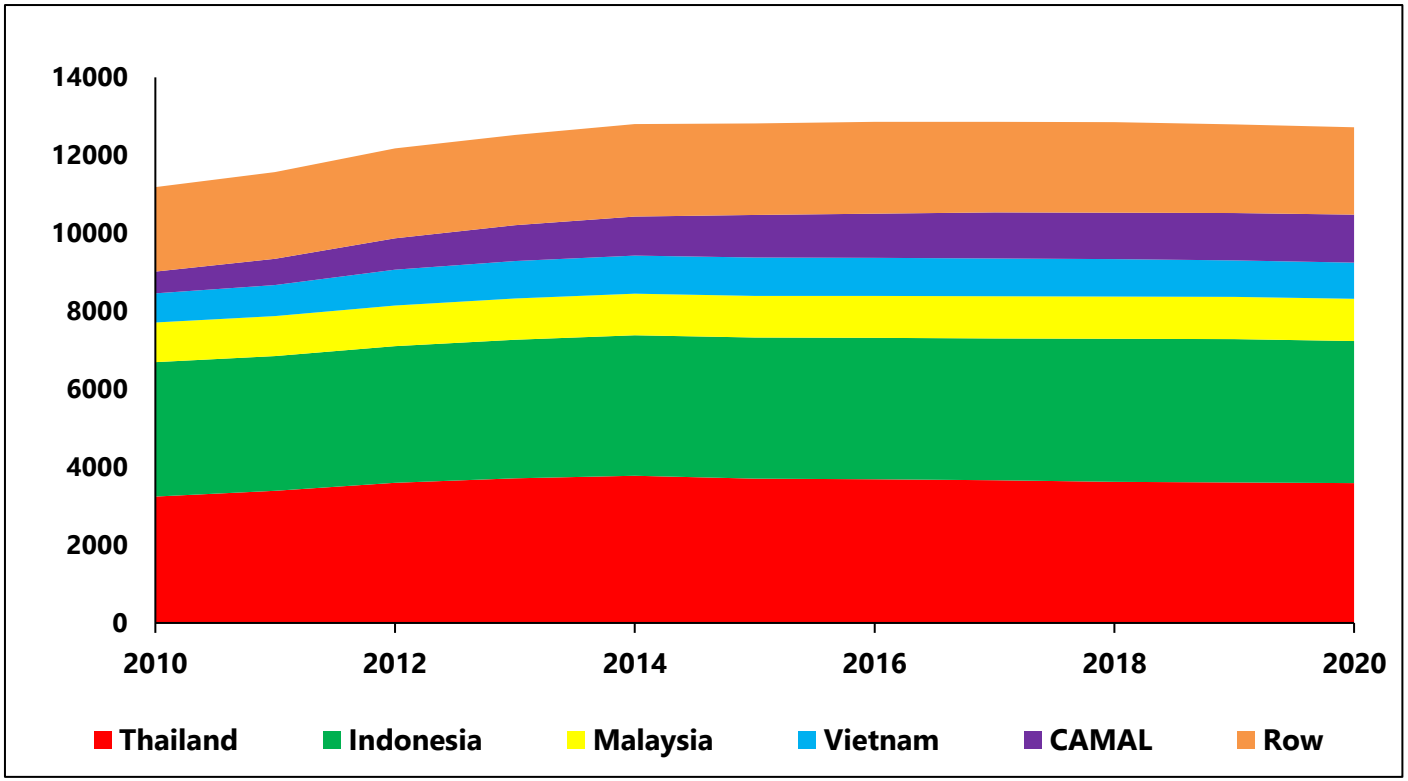
Natural Rubber Systems and Climate Change

- Natural rubber sustains **40 million people** with their families around the globe with supply chain generating more than **U$ 300 billion.**
- **Climate change** is clearly making the weather more extreme. Super-powerful storms have become more common, and there are more days of heavy rainfall or extreme heat.
- **Deteriorating conditions** are locked in for some time.
- Need to put in place adaptation measures and better understanding the potential contribution of rubber to mitigation (what it replaces, how it is conducted)

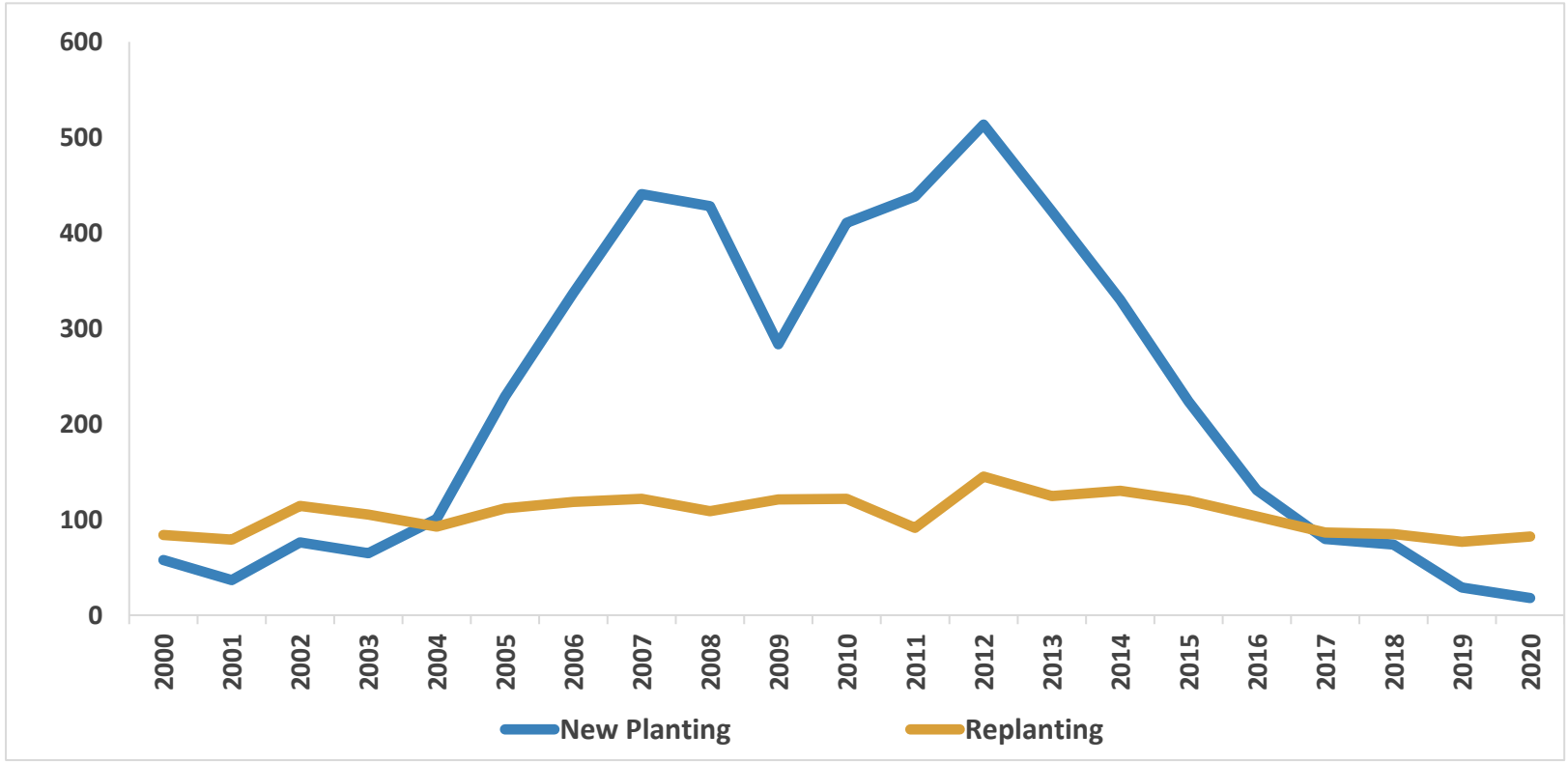
Executive Summary and Proceedings Published in May 2021



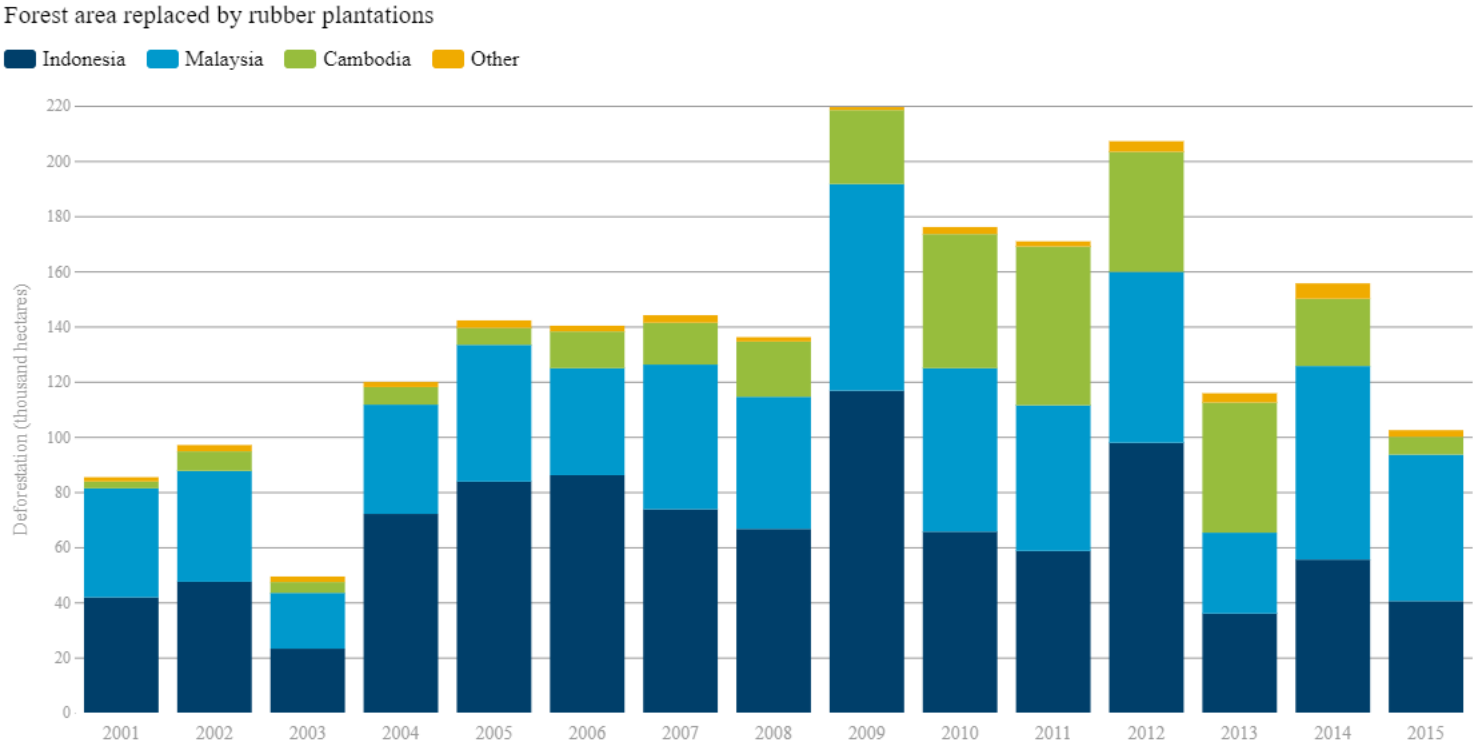
Total Natural Rubber Area ('000 ha)



Natural Rubber : Planted Area in Asia Pacific



Rubber Plantations replaced 2.1 Mha of forest between 2000 and 2015

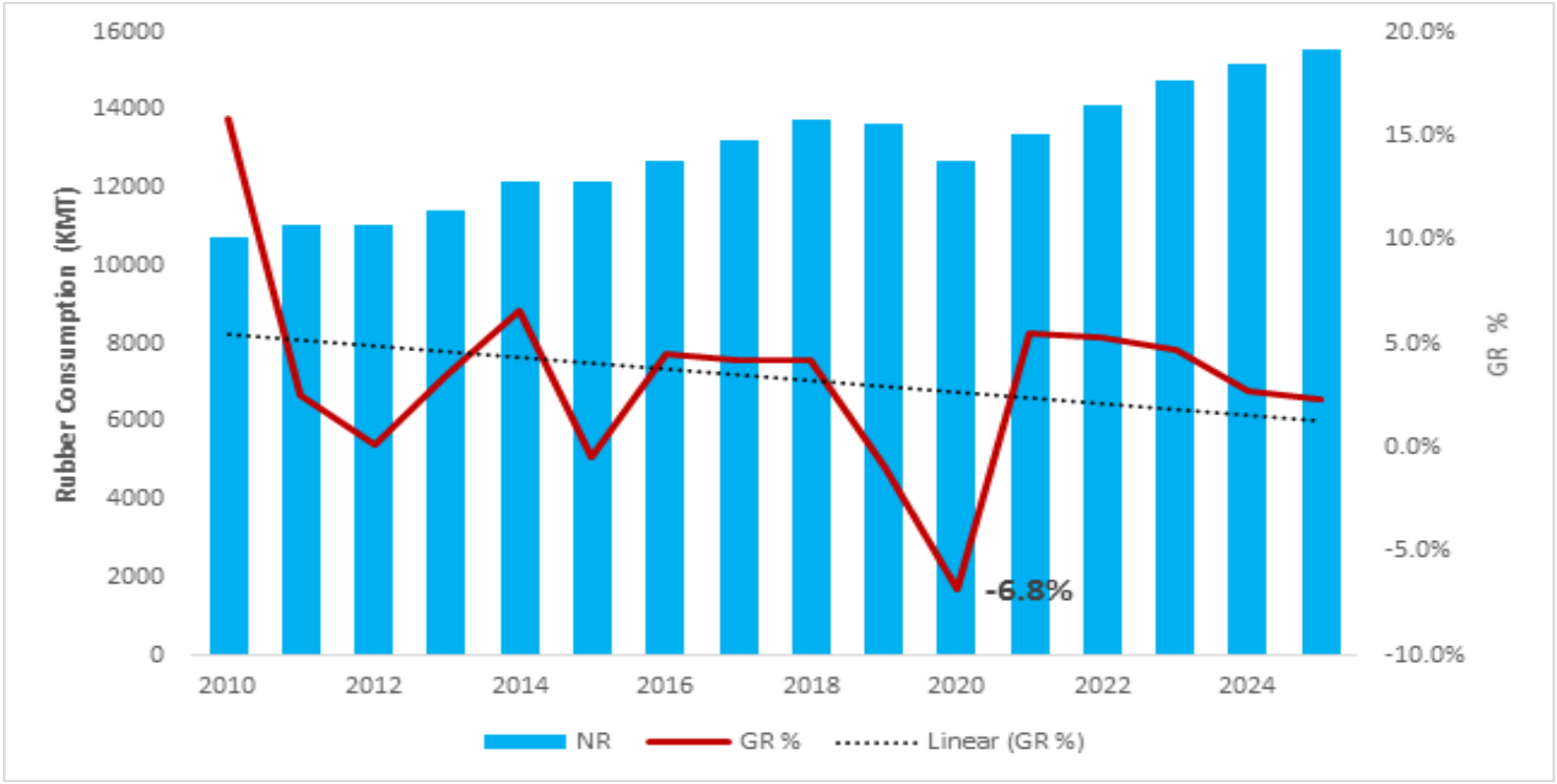


Analyzed countries include Brazil, Cambodia, Cameroon, the Democratic Republic of the Congo, India, Indonesia, and Malaysia.

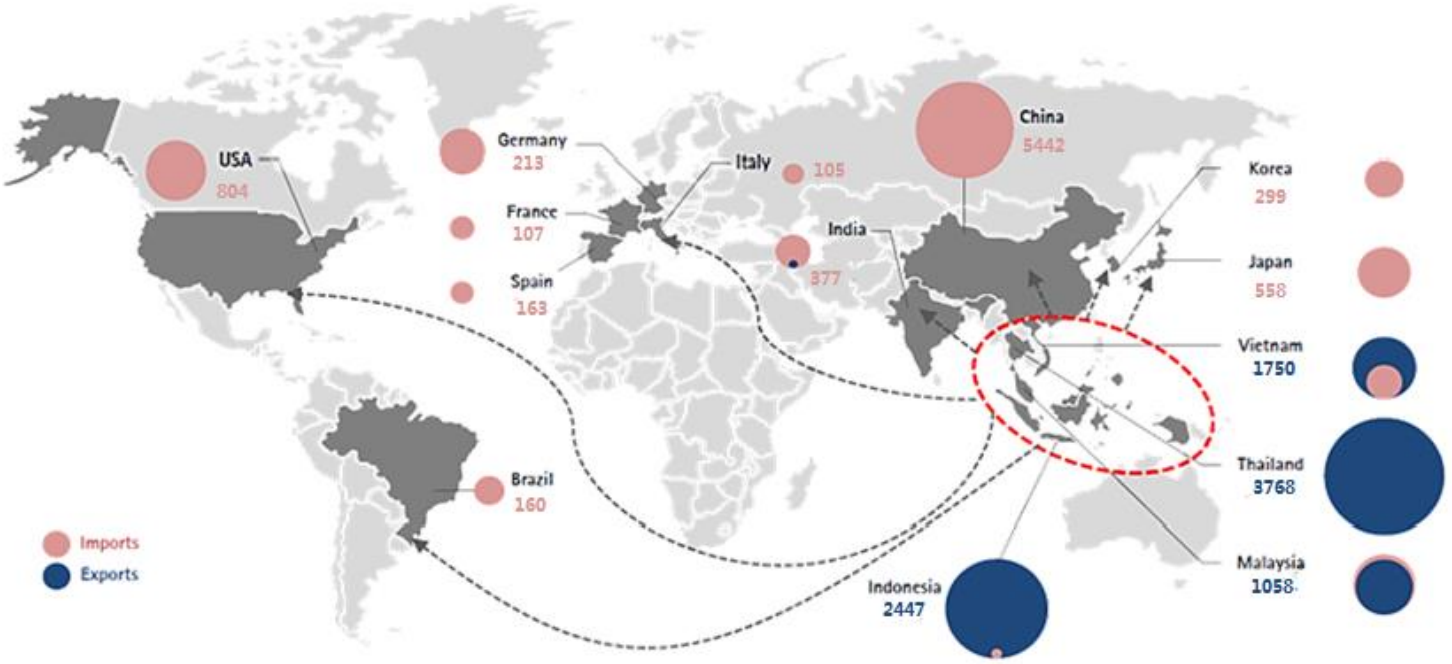
GLOBAL FOREST WATCH

WORLD RESOURCES INSTITUTE

Natural Rubber : World Demand



Natural Rubber Gross Trade KMt (2020)



Conclusions

Natural Rubber is a strategic and essential raw material : allow mobility and protect our health

To achieve a natural rubber zero deforestation supply chain, all stakeholders have to adopt and implement people-centered actions:

- Mechanisms to provide to farmers an adequate level of income;
- Incentivise agroforestry and multi-crops farms;
- Implement technology transfer on the fields;
- Promote a framework for continuous education accessible to all farmers, especially youths, women and ethnic minorities.
- Promote a constructive dialogue among Governments of producing and consuming countries and private sector to achieve a zero deforestation natural rubber supply chain.

Thanks for your attention !

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