



Sustainable Palm Oil

By Benjamin Loh
WWF - Malaysia





WWF-Malaysia and what we do

WWF's Mission is to stop the degradation of the planet's natural environment and to build a future in which humans can live in harmony in nature by, :

- Conserving the world's Biological Diversity
- Ensuring the use of renewable natural resources is sustainable
- Promoting the reduction of pollution and wasteful consumption



Sustainability - The definition

Because we can't rocket to another planet



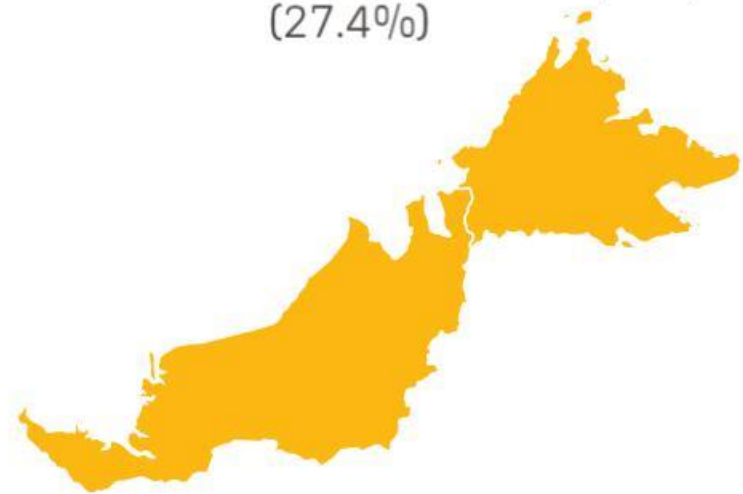




Malaysia - 2nd largest producer of palm oil in the world!



Peninsular Malaysia -
Planted area 2,659,361
Ha (47.1%)



Sabah -
Planted area 1,544,223 Ha
(27.4%)

Sarawak -
Planted area 1,439,339
Ha (25.5%)



Process of Palm Oil



Plantation
Harvest Fresh
Fruit Bunch (FFB)
to be brought to
the mill



Mill will process
the bunches
and produce
crude palm oil
(CPO)



Refinery process
the CPO into other
derivatives and
cooking oil



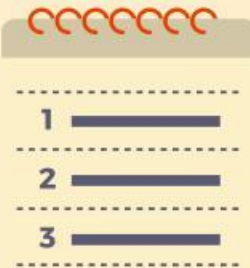
90% of food and
non food
products contain
elements of Palm
Oil



**Everything you use and eat contains
palm oil - the impact is significant!**



Issues Surrounding Palm Oil Production



Deforestation
Opening burning
Habitat Loss for endangered species
High Conservation Value
Greenhouse Gas Emissions

Force/slave Labour
Human/Woman's rights
Health and Safety
Worker's Rights
Community involvement
Indigenous rights

Legality issues
Transparency
Accountability
Land Rights
Financial viability



Sustainable Palm Oil and Certification

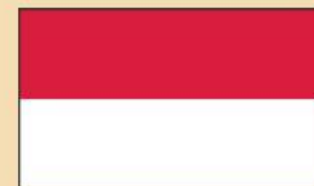
Roundtable of Sustainable Palm Oil (RSPO)

- Global Standard for Palm Oil Sustainability
- Multi Stakeholder Approach
- Covers all levels of productions and supply chain
- Currently the global acceptable standard of Palm Oil Sustainability



Malaysian Sustainable Palm Oil (MSPO) & Indonesian Sustainable Palm Oil (ISPO)

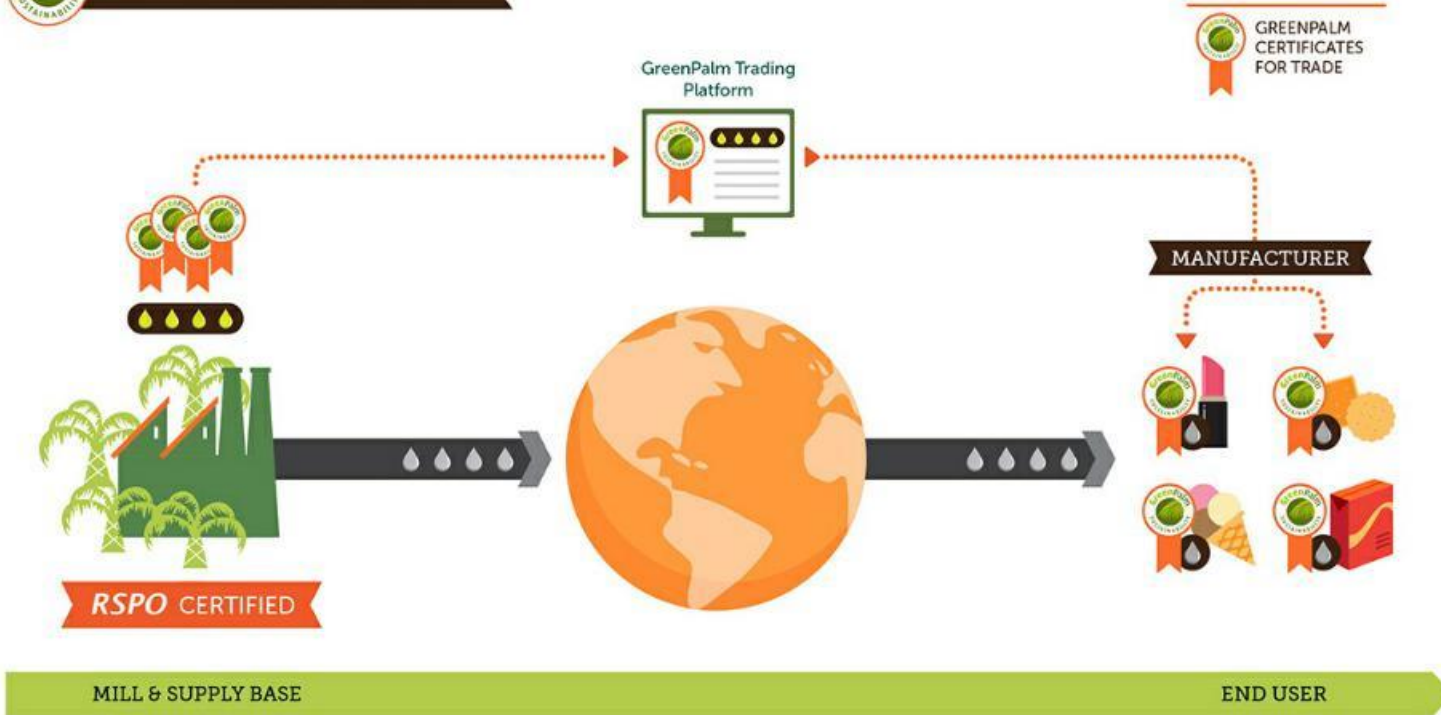
- Applicable in respective countries
- Less stringent than RSPO
- Localised
- Currently no market value/outreach



RSPO Supply Chain Certification



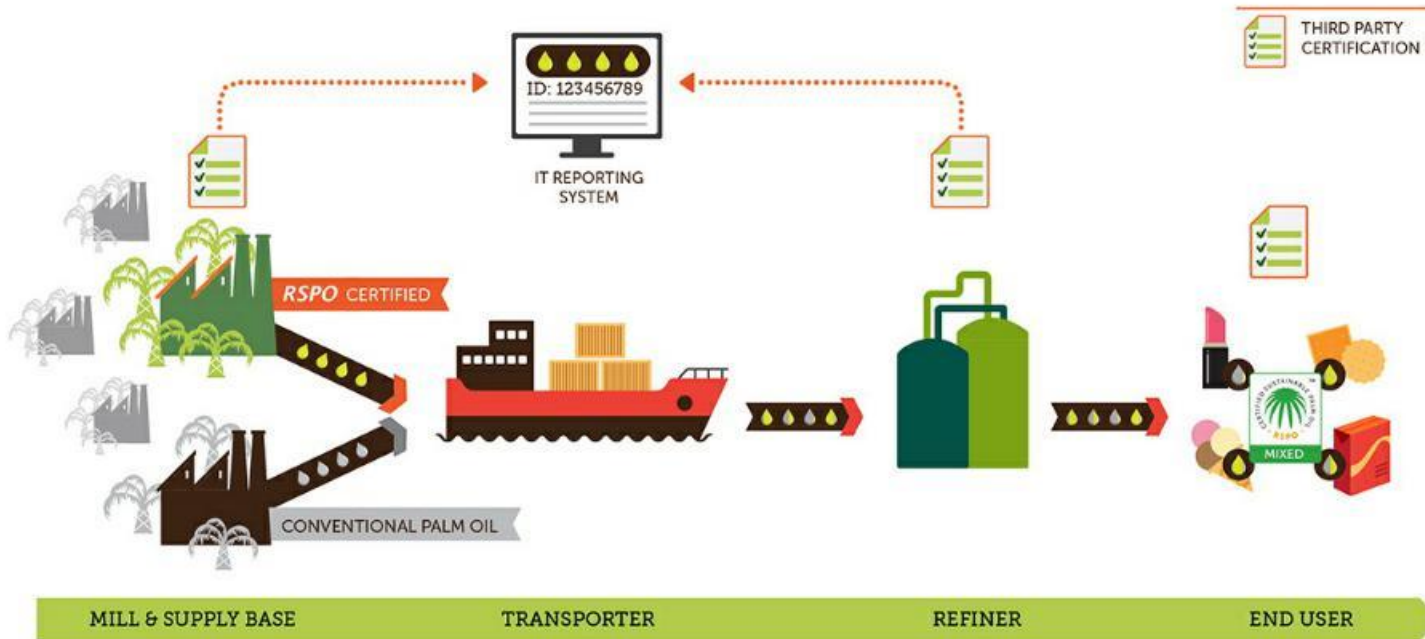
Book & Claim Supply Chain Model



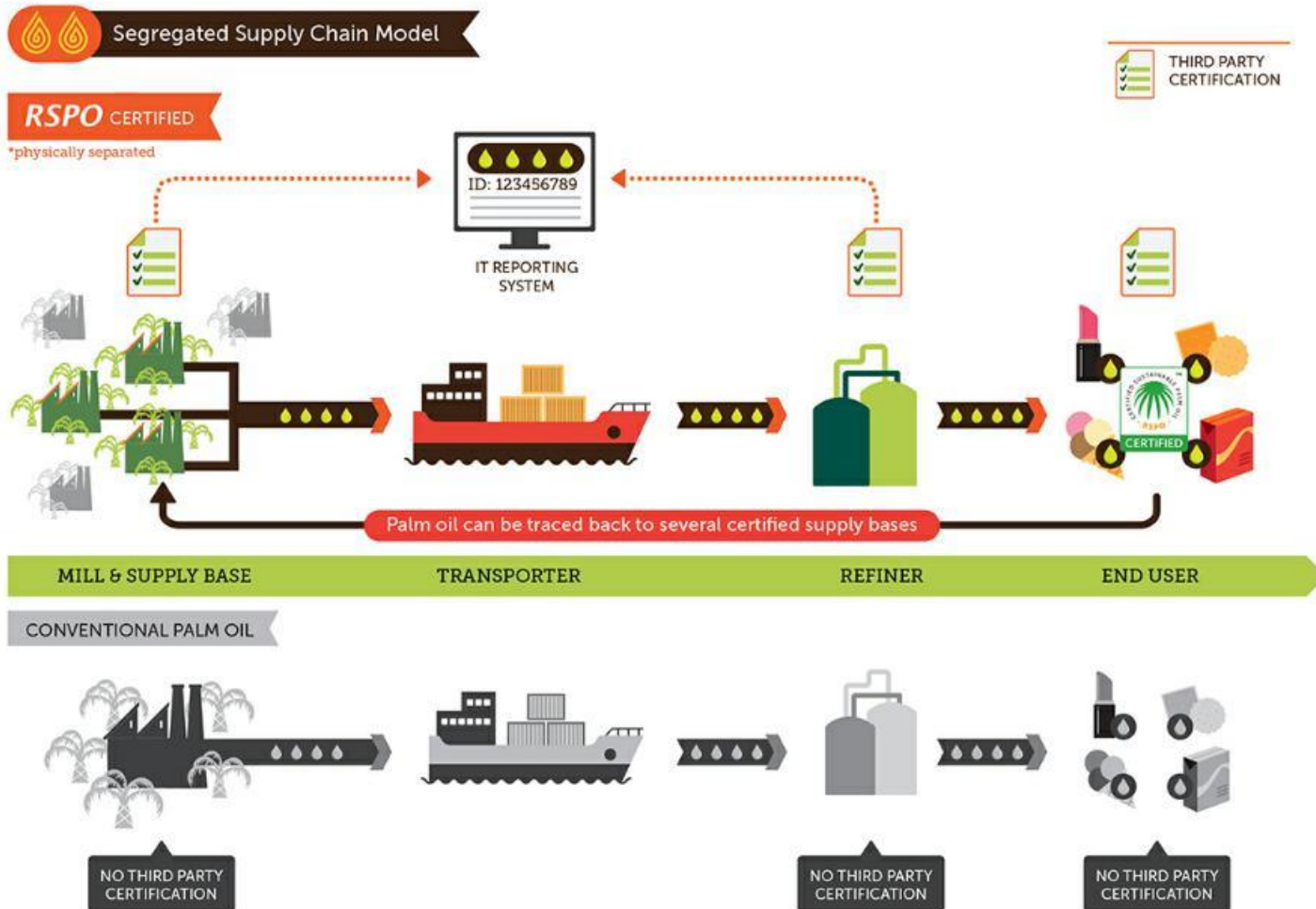
RSPO Supply Chain Certification



Mass Balance Supply Chain Model



RSPO Supply Chain Certification



RSPO Supply Chain Certification

Identity Preserved Supply Chain Model

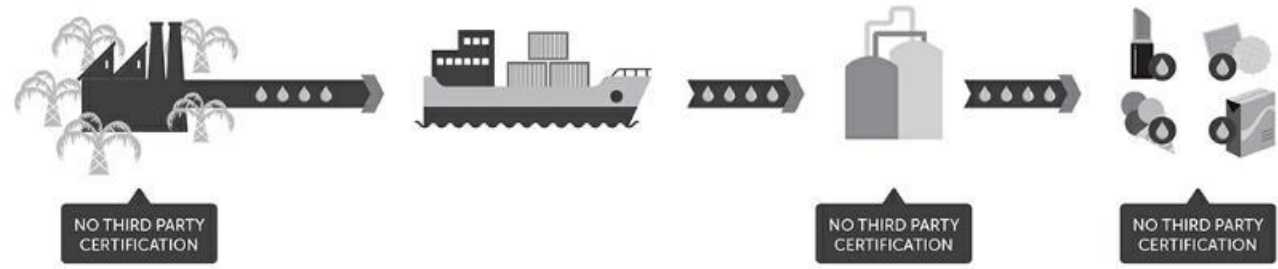
RSPO CERTIFIED

*physically separated

THIRD PARTY CERTIFICATION



CONVENTIONAL PALM OIL





You can support sustainable palm oil too!!

Be aware of your purchasing

- Support certified sustainable (certified) companies
- Ask for sustainable labeling
- Make informed decisions
- Know your choices



THANK YOU



SOURCE

RSPO / Open Souce Pictures and WWF International

www.piktochart.com/blog