

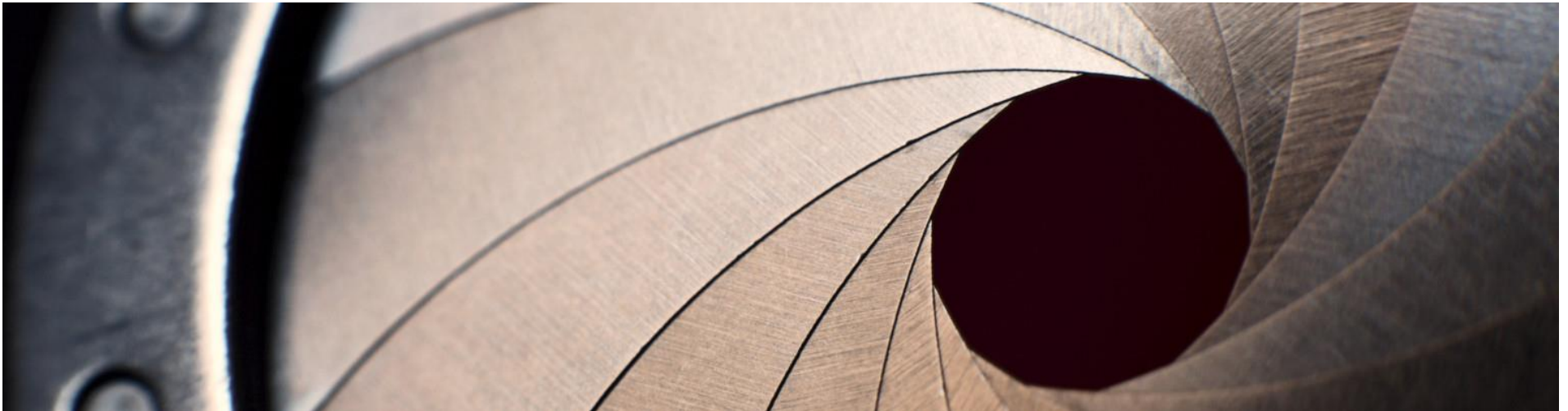
# Tackling Sustainability Challenges in the Palm Oil Industry

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- I. What is Palm Oil?**
- II. What are the sustainability issues faced in the Palm Oil industry?**
- III. Why and how is Generation involved?**
- IV. The Sustainable Palm Oil Investor Working Group**
  - I. Who are we?*
  - II. What do we do?*
  - III. What have we achieved?*



<https://www.sciencenews.org/article/bad-karma-can-ruin-palm-oil-crops>



<http://www.palmoilhealth.org/sustainability/sustainable-agriculture/>



<http://katygandor.com/2016/04/palm-oil-why-all-the-controversy/>



[http://www.freepixels.com/Food\\_and\\_Drinks/Sweets\\_and\\_Cakes/pic2504.html](http://www.freepixels.com/Food_and_Drinks/Sweets_and_Cakes/pic2504.html)



<http://www.nydailynews.com/life-style/eats/france-proposes-nutella-tax-palm-oil-article-1.1199417>

## In Food



<https://www.burtonsbiscuits.com/our-brands/maryland/>



<http://www.amazinganimalsinc.org/conservation/>



<https://forcechange.com/132374/stop-use-of-environmentally-degrading-palm-oil-in-ice-cream/>

- But also:
- Cosmetics
- Cleaning Agents
- Biofuel

## Economic development and growth

- > Key driver for economic development in developing world

## Social development and job creation

- > More than 4.5 million people are involved in the industry in Indonesia and Malaysia.



<http://www.greenpeace.org.uk/Blog/Forests/14-Reasons-We-Need-Save-Indonesia-Deforestation-20131023>

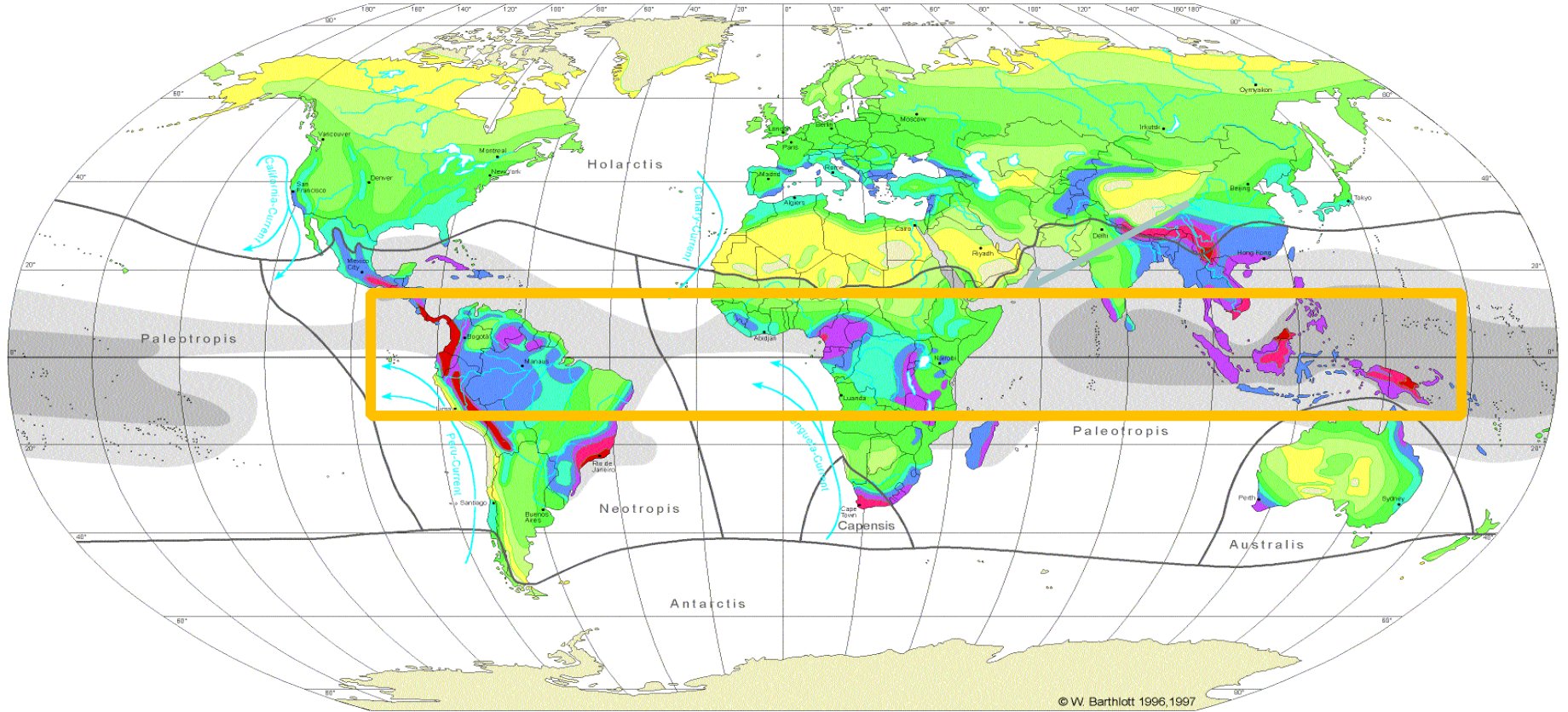


<http://greenpalm.org/>



<https://news.mongabay.com/2011/03/indigenous-community-takes-court-ruling-into-own-hands-and-seizes-oil-palm-plantation/>










## GLOBAL BIODIVERSITY: SPECIES NUMBERS OF VASCULAR PLANTS






© W. Barthlott 1996, 1997

Robinson Projection  
Standard Parallels 36°N und 38°S  
Scale 1: 130 000 000

### Diversity Zones (DZ): Number of species per 10.000km<sup>2</sup>

 DZ 1 (<100)	 DZ 5 (1000 - 1500)	 DZ 9 (4000 - 5000)
 DZ 2 (100 - 200)	 DZ 6 (1500 - 2000)	 DZ 10 (≥5000)
 DZ 3 (200 - 500)	 DZ 7 (2000 - 3000)	
 DZ 4 (500 - 1000)	 DZ 8 (3000 - 4000)	Capensis floristic regions

### sea surface temperature

	>29°C
	>27°C
	cold currents

W. Barthlott, N. Biedinger, G. Braun  
F. Feig, G. Kier, W. Lauer & J. Mutke 1997  
modified after  
W. Barthlott, W. Lauer & A. Placke 1996  
Department of Botany and Geography  
University of Bonn  
German Aerospace Research Establishment, Cologne

Cartography: M. Gref  
Department of Geography  
University of Bonn



Hardi Baktiantoro/Centre for Orang Utan Protection



Source: photo by David Gilbert





RSPO

- Formed in **2004**
- **2,500** members (2016)



What percentage of the palm oil you purchase is Certified Sustainable Palm Oil and what are your plans for moving to 100% Certified Sustainable Palm Oil?



<https://www.rainforest-rescue.org/petitions/952/pepsico-trashing-rainforests-for-450000-tons-of-palm-oil-a-year>

1. RSPO Certification
2. Disclosure of Concession Area
3. Yield efficiency
4. Traceability
5. Commitments to No Deforestation, No Peat, No Human Rights Exploitation



Source: Graphics for the 'She's not a fan' campaign, which alleges that Jardine Matheson, parent company of luxury hotel chain Mandarin Oriental group, is also linked to unsustainable palm oil cultivation by Astro Agra Lestari, another Jardine company. Image: Shesnotafan.org

WHO WE ARE | PALM OIL BY REGION | GROWERS & MILLERS | TRANSPORT & BIOFUELS | INVESTORS & TRADERS | REFINERIES & MANUFACTURERS | CONSUMERS & RETAILERS | STANDARDS & CERTIFICATION | NGOS & POLICY | SPOTT

## SUSTAINABLE PALM OIL **TRANSPARENCY TOOLKIT** (SPOTT)

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ZSL SPOTT is an interactive resource, designed for investors, manufacturers, and other stakeholders in the palm oil sector, to assess oil palm growers on the information that they make publicly available about the sustainability of their operations.

This **Transparency Toolkit** combines satellite mapping technology with in-depth performance assessments on 25 of the largest publicly listed companies that grow oil palm, including 21 RSPO members and 4 non-members.

Explore concession sites using the mapping tool or select a company from the list view table to see how they perform against our 48 indicator framework comprise of seven indicator categories. Each indicator contains a question, answer, score, and links to further information.

**SIGN-UP HERE** for the latest SPOTT updates

All



- Oil palm concessions ⓘ
  - Disclosed by company
  - Other source
- Scheme smallholder sites  
Data not yet available.
- Mill locations  
Data not yet available.
- Indonesia primary forest 2005 ⓘ
- Protected areas ⓘ
- Tree cover loss alerts since 2013 ⓘ
- NASA active fires ⓘ

Company name ▼	Headquarters ▼	RSPO Member?	Updated	Score
Astra Agro Lestari Terbuka PT	Indonesia	No	30/01/2015	12.73%
Boustead Plantations Berhad	Malaysia	Yes	30/01/2015	23.64%

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