




**JARINGAN AUDITOR
NUSANTARA**

VEGETABLE OILS: FROM FICTION TO FACTS

ONLINE TRAINING SDGS AND VEGETABLE OILS, KEMENTERIAN LUAR NEGERI
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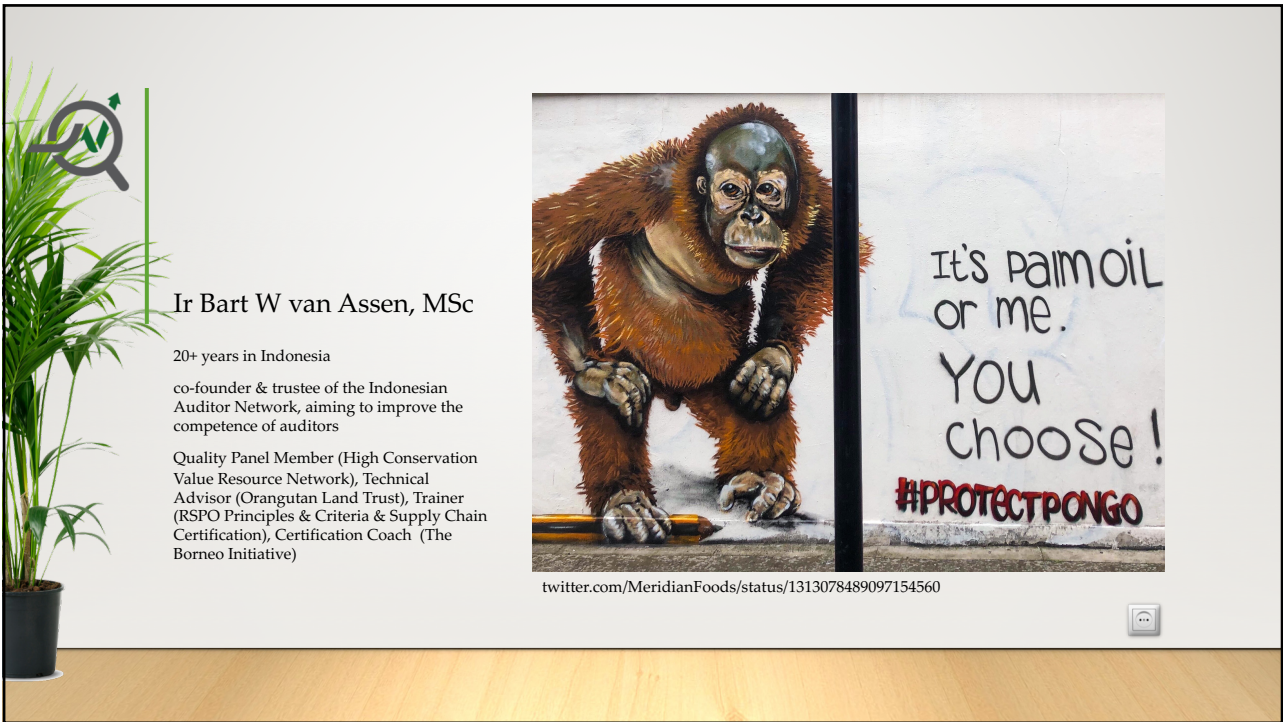
20+ years in Indonesia

co-founder & trustee of the Indonesian Auditor Network, aiming to improve the competence of auditors

Quality Panel Member (High Conservation Value Resource Network), Technical Advisor (Orangutan Land Trust), Trainer (RSPO Principles & Criteria & Supply Chain Certification), Certification Coach (The Borneo Initiative)



twitter.com/MeridianFoods/status/1313078489097154560




FICTION: PALM OIL = DEFORESTATION

twitter.com/MeridianFoods/status/13106507550
03580417

crossbowcommunications.com/sustainable-palm-oil-fraud

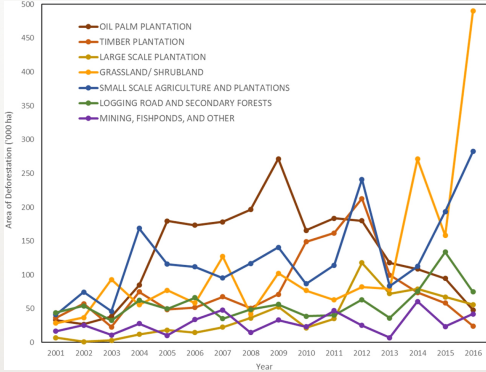
deforestation 2001–2016


proportion caused by each driver
category, by major region of
Indonesia




estimated tree cover loss in Indonesia

Year	Loss (%)	Source
2001	0-1	Wicke et al. 2011
	10	Carlson et al. 2018
2005	0-1	Wicke et al. 2011
	10-11	Abood et al. 2005
2008	16	Fitzherbert et al. 2008
2015	7	Carlson et al. 2018

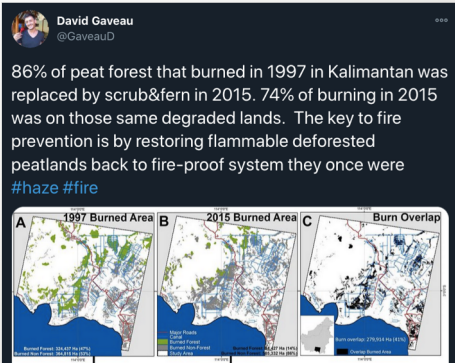




FICTION: WILDFIRES = FOREST FIRES



twitter.com/paspi_palmoil/status/1326721892556832768



twitter.com/GaveauD/status/1160221136501825541







FICTION: IN 50% OF PRODUCTS

flour (35%), chocolate chips (30%), sugar (19%),
butter/cheese (16%), **palm oil (0.01%)**

certified sustainable palm oil is available, but are
the main ingredients too?









confusing terminology

- jungle versus plantation (e.g. coffee, rubber & timber)
- legal status (*kawasan hutan*) versus land use (change)

rule of thumb:

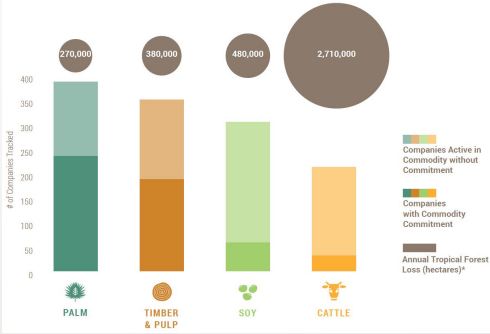
- ½ forestry (e.g. timber plantations)
 - ¼ non-oil palm (e.g. rubber & soy; animal husbandry)
 - ⅓ commercial enterprises
 - ⅓ smallholders (slash-and-burn?)
 - ¼ oil palm
 - ⅓ commercial enterprises
 - ⅓ smallholders (slash-and-burn?)





don't throw away the baby with the bath water!

- improved transparency and commitments by key commodities
- drives the mental leap from "backward" communities to valued partners
- catalyst for new initiatives and partnerships



Commodity	# of Companies Tracked	Annual Tropical Forest Loss (hectares)*
PALM	350	270,000
TIMBER & PULP	200	380,000
SOY	150	480,000
CATTLE	100	2,710,000

Legend: Companies Active in Commodity without Commitment (light green), Companies with Commodity Commitment (dark green), Annual Tropical Forest Loss (hectares)* (brown circles)



Questions

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