FORESTS & FINANCE

JUNE UPDATE 2021



AGENDA



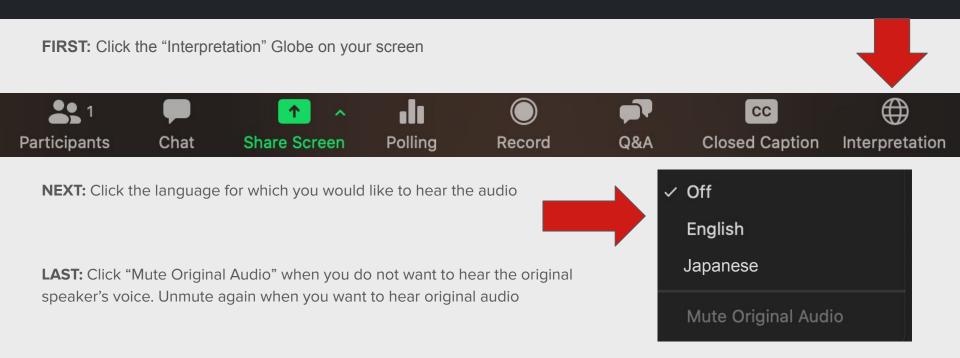
Introduction New website Investment update Policy assessments Impact case study Q&A

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- Hilary Kung, Sahabat Alam Malaysia
- Merel van der Mark, Forests & Finance
 - Ward Warmerdam, Profundo
 - Jan Willem van Gelder, Profundo
 - Edi Sutrisno, TuK INDONESIA
- Hilary Kung, Sahabat Alam Malaysia

INSTRUCTIONS FOR TURNING ON INTERPRETATION



AGENDA



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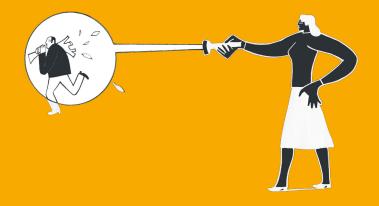
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ABOUT US

Forests & Finance is an initiative by a coalition of campaign and research organisations including Rainforest Action Network, TuK Indonesia, Profundo, Amazon Watch, Repórter Brasil, BankTrack, Sahabat Alam Malaysia and Friends of the Earth US. Collectively we seek to prevent financial institutions from facilitating environmental and social abuses common in forest risk commodities. We seek look to achieve this through improved financial sector transparency, policies, systems and regulations.





BACKGROUND

The Forests & Finance coalition and platform was set up in 2016, as a way to spotlight the financial sector's role in deforestation and rights violations. The purpose is to:

- 1. Provide an open-source dataset linking financiers to companies connected to forest destruction and rights violations;
- 2. Shine a spotlight on the main banks and investors involved, by evaluating and ranking their environmental, social and governance safeguard policies;
- 3. Hold the financial sector accountable by exposing client cases where operations violate laws or financier policies.



AGENDA



Introduction

New website

Investment update Policy assessments Impact case study Q&A -

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FINANCE'S ROLE IN DEFORESTATION

Forests & Finance assesses the finance received by over 300 companies directly involved in the beef, soy, palm oil, pulp and paper, rubber and timber supply chains, whose operations may impact natural tropical forests and the communities that rely on them in Southeast Asia, Central and West Africa, and parts of South America.



Helping You Research & Analyze By



Identifying Trends

Explore how much money flows into different forestrisk commodity sectors across tropical forest areas during specific timeframes.



Revealing Transaction Data

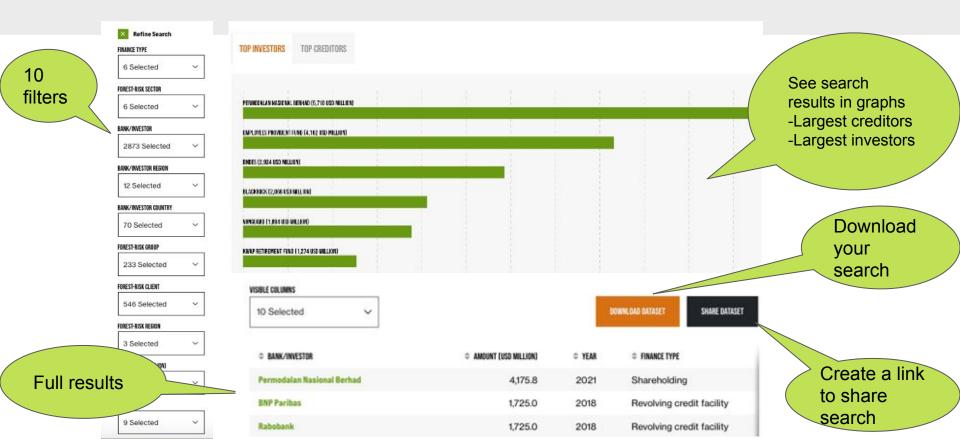
Dig deeper into our database of banks, investors, and deforestation-risk companies, with up to 10 search criteria options.

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Na 2 Parent Red Classes		No 1 Investments	
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Assessing Policies And Exposure

See how banks and investors measure up on environmental, social and governance (ESG) policies and their exposure to forest-risks

DATA DEEP DIVE



QUICK VIEW

VEW BY DAGANIZED BY FROM YEAR SUBDIVIDED BY THROUGH YEAR Credit ~ Sector 4 Finance Type \mathbf{v} 2013 4 2021 v DOWNLOAD FULL DATASET

All Sectors - 258,145 (USD Million)

PULP & MPER 65,355	sør 41,797
^{₩₩} 62,383	RUBBER
PALM OIL 59,823	17,359
	TIMBER 11,430

Top 10 Creditors Organized By Sector Subdivided By Finance Type For 2013 - 2021

NAME	CREDIT (USD MILLION)	HEADQUARTERS	WEIGHTED TOTAL	NEEF	501	PSUM DIL	POLY & PAPER	TMBER
Banco de Brasil	47,436	Brazil	3.9	3.9	3.9	3.9	3.9	3.9
Bradesco	13,037	Brazil	1.0	1.0	1.0	10	1.0	1.0
Rabobank	8,671	Netherlands	0.8	65	7.0	7.3	8.8	5.8
Mizuho Financial	801,8	Japan	3.6	12	1.9	5.8	36	3.5
Itaŭ Unibanco	7,770	Brazil	16	17	12	12	17	17

COMPARE INSTITUTIONS

Assess how two, three, four, or more financial institutions stack up against one another by examining their financial holdings for specific sectors in select regions.

START COMPLETED

SEARCH DATABASE

Dig deeper into our database of financial connections between banks, investors, and deforestation-risk companies, with up to 10 search criteria options.

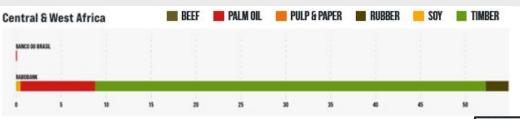
START SEARCHING

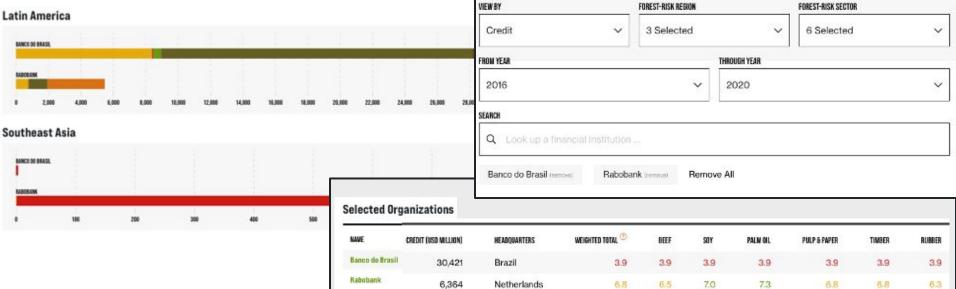
POLICY ASSESSMENTS

See which specific financial institutions have environmental, social, and governance (ESG) policies and how they are exposed to deforestation risks.

TART COPLERING

COMPARE THE BANKS





POLICY SCORES

See which financial institutions are most involved and how their environmental, social, and governance policies stack up. For a summary of the compiled policy assessments and scoring criteria, download the Policy Matrix. Policy scores are on a scale from 0-10.

ISIBLE COLUMNS SEA	ARCH							
11 Selected V	Q Look up a financial institution .							
* NAME	🇢 WEIGHTED TOTAL 🧐	+ CREDIT (USD MILLION)	‡ INVESTMENT (USD MILLION)	+ HEADQUARTERS	\$ BEEF	\$ SOY	≑ PALM OIL	+ PULP & PAPER
ABN Amro	71	2,094	1	Netherlands	5.7	5.5	7.2	7,7
Algemeen Burgerlijk Pensioenfon	ds (ABP) 2.4	Ħ	231	Netherlands	1.9	1.9	4.4	4.1
BNDES	2.9	2,478	2,934	Brazil	2.6	4.0	4.0	3.2
BNP Paribas	4.1	6,089	53	France	5.5	5.5	6.1	.3.7
BNY Mellon	0.7	-		-	0.7	0.7	0.7	0.7
Banco da Amazonia	1.0	3,085		Brazil	1.0	1.0	1.0	1.0
Banco do Brasil	3.9	47,436	102	Brazil	3.9	3.9	3.9	3.9
Banco do Nordeste do Brasil	2.2	3,721	0	Brazil	2.2	2.2	2.2	2.2
Bank Central Asia	2.3	3,241		Indonesia	0.0	0.0	0.7	4.9
Bank Mandiri	3.0	5,627	22	Indonesia	0.0	2.2	3.4	2.2
Bank Negara Indonesia	2.0	3,982		Indonesia	0.0	0.0	2.4	1.2

PROFILE: MAYBANK/CIMB

Assessment Details

Top 5 Forest-Risk Clients Credit & underwriting (2016-2020)		Top 5 Investments Share & bond holdings (latest, 2021)	
Suzano	4475.35 (USD Million)	eltochu	226.34 (USD Million)
Minerva	980.54 (USD Million)	Top Glove	22,39 (USD Million)
• Cargili	165.53 (USD Million)	•Suzano	21.1 (USD Million)
eBatu Kawan Group	153.27 (USD Million)	Sinar Mas Group	13.82 (USD Million)
Archer Daniels Midland	121.73 (USD Million)	●Wilmar	13.67 (USD Million)

Note: The red dot indicates Forests & Finance has published articles and reports about the company's social-environmental impacts and/or that a company has reveived an RSPO compliant since 2016, been covered in Chain Reaction Research for increased ESG relax, or received organize media reports as histed on SPOT.

Policy Assessment



Scores By Sector

CATEGORY	BEEF	SOM	FALM OL	FULF & PAFER	TIMBER	RIBBER	WEIGHTED TOTAL 😕
Environment	2.5	4.8	2.3	5.9	3.6	0.9	6.2
Social	3.1	53	2.8	6.9	4.2	13	6.1
Governance	18	35	1.7	4.8	3.2	1	4.2
Total	2.4	4.4	2.2	5.8	3.7	1	5.1

⇒ CRITERM	CATEGORY	≑ BEEF	÷ 3
 Companies and their suppliers must commit to zero- deferentation and no-conversion of natural ferents and occeptions. 	Environment	0	
Companies and their suppliers must not drain or degrade wetlands and peatiends.	Environment	D	8
 Companies and their suppliers must not convert or degrade High Carbon Stock (HCS) tropical forest areas. 	Environment	D	
 Companies and their suppliers must not operate in, or have negative impacts on, protected areas. 	Environment	8.5	8
5. Companies and their suppliers must identify and protect High Conservation Value (HCV) areas under their management.	Environment	0	8
Companies and their suppliers must not use fire for land clearing activities and fight fires.	Environment	8.5	8
7. Companies and their suppliers must minimize their impacts on groundwater levels and water quality.	Environment	0	8
 Companies and their suppliers must nat harvest, nor trade in, endangered species and must protect the habitats of ordangered species, 	Environment	85	8
 Companies and their suppliers must not use nor introduce genetically modified species or invasive alien species into the environment. 	Environment	D	
10. Companies and their suppliers must minimize or eliminate the use of pesticides.	Environment	D	3
11. Companies and their suppliers must respect the right of Indigenous peoples to give or withhold Free, Frier and Informed Consent (FPIG) if they could be affected by planned operations.	Social	8.5	8
12. Companies and their suppliers must respect the right of all communities with customary land rights to give or withhold Free, Prior and informed Consent (FPIC) if they could be affected by planned operations.	Social	0	8
13. Companies and their suppliers must establish human rights due diligence processes and monitoring systems.	Social	8.5	8
14. Companies and their suppliers must respect the breader social, economic and cultural rights of communities affected by their operations, including the right to basilth and the right to an adequate standard of living.	Social	D	2
15. Companies and their suppliers must commit to the resolution of complaints and conflicts through an open, transparent and consultative process.	Social	8.5	B
15. Companies and their suppliers must maintain zero talerance tawards violence and the criminalization of land environmental	Social	o	1

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Introduction New website

Investment update

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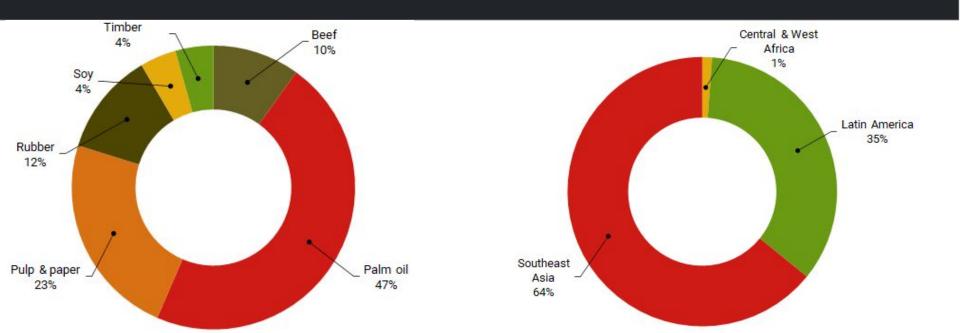
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Policy assessments Impact case study Q&A

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INVESTOR Data

- Investors held U\$ **41.5** billion in forest-risk bonds and shares
- Around half in palm oil, a fifth in pulp & paper
- Two thirds in Southeast Asia, a third in Latin America

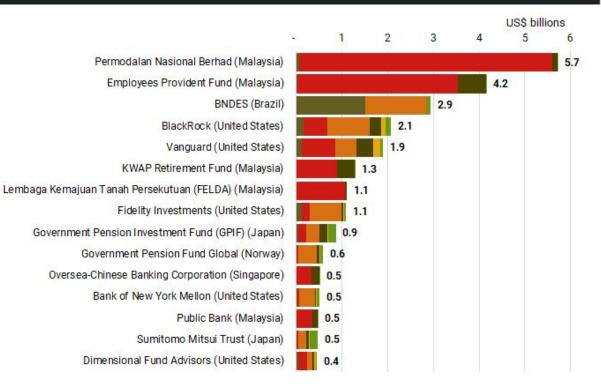


LARGEST INVESTORS

Top investors include:

- US asset managers
- Brazilian development bank
- Malaysian government-linked investors

Japanese and South Korean national pension funds



LARGEST Companies

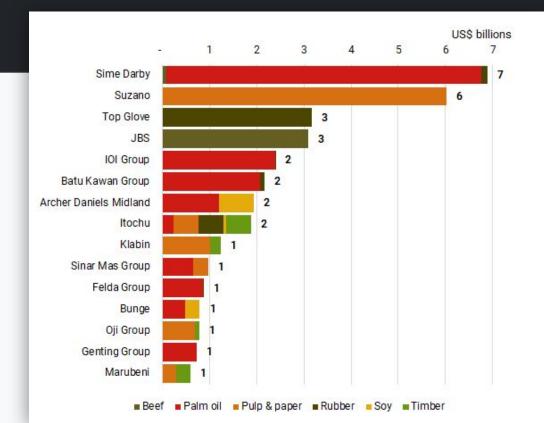
Largest investments in:

Sime Darby - palm oil

Suzano - pulp & paper

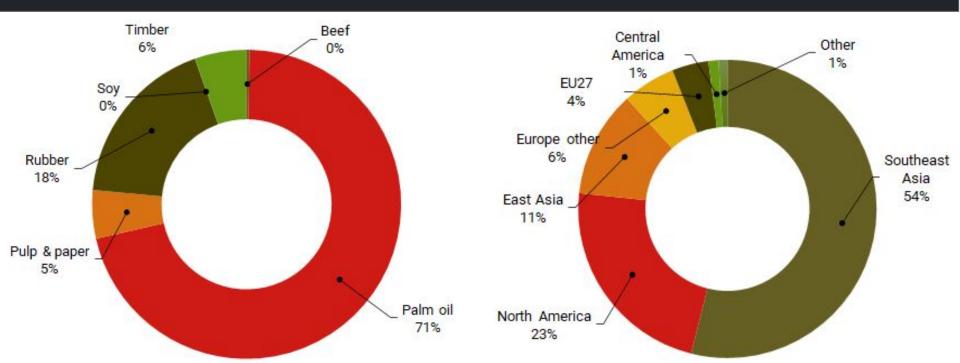
Top Glove - rubber

JBS - beef



SOUTHEAST ASIA INVESTMENT

- Investors held U\$ 26.6 billion in forest-risk bonds and shares
- Three quarters in palm oil , 16% in rubber
- Two thirds from Asia, fifth from North America



SOUTHEAST ASIA INVESTMENT

Largest investors Malaysian government linked, largest investments palm oil and rubber companies.



AGENDA



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ASSESSMENT METHODOLOGY



Scoring table for each criteria:

- → 0 points: Not included in the policy
- \rightarrow 8.5 points: Included in the policy, with exceptions e.g. for suppliers
- → 10 points: included in the policy and required for the company and its suppliers

Policies assessed separately:

- → for each of the six commodity-risk commodities: beef, palm oil, pulp & paper, rubber, soy and timber
- → for financings (loans and credits) and for investments in shares and bonds
- → results in separate scores for the six commodities

Policy scores for the six commodities combined in one overall score:

→ amounts of financing and investments per commodity, as found in the F&F database, used as weighting factors.

POLICY ASSESSMENT: MITSUBISHI UFJ FINANCIAL

Assessment Details							All Categories
◆ CRITERIA	\$ CATEGORY	\$ BEEF	\$ SOY	PALM OIL	PULP & PAPER	\$ TIMBER	RUBBER
 Companies and their suppliers must commit to zero-deforestation and no-conversion of natural forests and ecosystems. 	Environment	0	0	8.5	0	0	0
2. Companies and their suppliers must not drain or degrade wetlands and peatlands.	Environment	8.5	8	8.5	8.3	7.4	7.7
3. Companies and their suppliers must not convert or degrade High Carbon Stock (HCS) tropical forest areas.	Environment	0	0	0	0	0	0
4. Companies and their suppliers must not operate in, or have negative impacts on, protected areas.	Environment	8.5	8	8.5	8.3	7.4	7.7
5. Companies and their suppliers must identify and protect High Conservation Value (HCV) areas under their management.	Environment	8.5	8	8.5	8.3	7.4	7.7

POLICY ASSESSMENT: CIMB

Assessment Details							All Categories
	CATEGORY	≑ BEEF	\$ SOY	PALM OIL	PULP & PAPER	≑ TIMBER	⇔ RUBBER
 Companies and their suppliers must commit to zero- deforestation and no-conversion of natural forests and ecosystems. 	Environment	0	0	0	0	0	0
2. Companies and their suppliers must not drain or degrade wetlands and peatlands.	Environment	0	0	0	0	0	0
3. Companies and their suppliers must not convert or degrade High Carbon Stock (HCS) tropical forest areas.	Environment	0	0	8.5	0	0	0
4. Companies and their suppliers must not operate in, or have negative impacts on, protected areas.	Environment	0	0	0	0	0	0
5. Companies and their suppliers must identify and protect High Conservation Value (HCV) areas under their management.	Environment	0	0	8.5	8.5	8.5	0

POLICY SCORES

≑ NAME	\Rightarrow weighted total $^{\odot}$	© CREDIT (USD MILLION)	INVESTMENT (USD MILLION)	#EADQUARTERS	≑ BEEF	\$ SOY	‡ PALM OIL	🗢 PULP & PAPER
ABN Amro	7.1	2,094	1	Netherlands	5.7	5.5	7.2	7.7
Algemeen Burgerlijk Pensloenfonds (ABP)	2.4		231	Netherlands	1.9	1.9	4.4	4.1
BNDES	2.9	2,478	2,934	Brazil	2.6	4.0	4.0	3.2
BNP Paribas	4.1	6,089	53	France	5.5	5.5	6.1	3.7
BNY Mellon	0.7	-			0.7	0.7	0.7	0.7
Banco da Amazonia	1.0	3,085	**	Brazil	1.0	1.0	1.0	1.0
Banco do Brasil	3.9	47,436	102	Brazil	3.9	3.9	3.9	3.9
Banco do Nordeste do Brasil	2.2	3,721	0	Brazil	2.2	2.2	2.2	2.2
Bank Central Asia	2.3	3,241		Indonesia	0.0	0.0	0.7	4.9
Bank Mandiri	3.0	5,627	12	Indonesia	0.0	2.2	3.4	2.2
Bank Negara Indonesia	2.0	3,982		Indonesia	0.0	0.0	2.4	1.2
Bank Rakyat Indonesia	2.4	5,694	<u>11</u>	Indonesia	1.9	0.0	41	1.9
Pauls of America	2.0	4667	01	United States	20	0.0	24	20

POLICY Assessment

sessment Details							AI Categories	×
CETTIN	· CATUBORT	• 80	0 207	·	·	0 1803	•	
lempanies and their suppliers must commit to zero- ternstation and no-seconssion of natural forests and asystems.	Environment	٥	0	8.5	0	0	٥	
Companies and their suppliers must not drain or degrade clands and positionits.	Environment	85	8	8.5	8.3	7.4	77	
Companies and their suppliers must not somert or degrade gh Carbon Stock (HCS) tropical forest areas.	Environment	0	0	0	0	0	0	
Companies and their suppliers must not operate in, or have gative impacts on, protected amas.	Environment	8.5	8	85	8.3	7.4	77	
lonpasies and their suppliers must identify and protect In Conservation Value (HCR) areas under their management.	Environment	R .5	8	85	8.3	74	17	
Companies and their suppliers must not use fire for land aring activities and fight fires.	Environment	0	0	85	0	0	0	
companies and their suppliers must minimize their imparts groundwater levels and water quality.	Environment	0	0	8.5	83	7.4	0	
Companies and their suppliers must not harvest, nor trade in, dangered species and must protect the babitats of dangered species.	Environment	85	8	25	8.3	74	77	
Companies and their suppliers must not ann nor introduce notically modified species or invasive alien species into the nirvennest.	Environment	0	0	85	8.3	74	0	
Companies and their suppliers must minimize or eliminate e use of pesticides.	Environment	٥	0	85	8.3	7.4	0	
Gampanies and their suppliers must respect the right of ligenest progies to give ar withhald Free, Prior and Informed asent (FPIC) If they could be affected by planned operations.	Social	0	0	8.5	8.3	74	0	
. Comparison and their suppliers must respect the right of all menualizes with contentary land rights to give or withheid e.e., Fore and instrumed Consect (1992) If they could be feeled by planned operations.	Social	0	0	85	0	0	0	
Companies and their suppliers must establish human rights a dilgence processes and multicring systems.	Social	85	8	8.5	8.3	7.4	77	
Companies and their suppliers must respect the broader tal, economic and exitmat rights of commanifies affected their operatores, including the right to boath and the right as adequate standard of thring.	Social	0	0	0	83	7.4	0	
Companies and their suppliers must commit to the solution of complaints and coeffects through an open, emparent and consultative process.	Social	0	0	85	0	0	0	
Companies and their suppliers must maintain zoro tolerance wards violence and the orteinalization of land, sirvemental, and human rights defenders.	Social	0	0	0	0	0	0	
Companies and their suppliers must not ongage in forced beer nor in shild labour.	Social	8.5	8	8.5	8.3	7.4	77	
Companies and their suppliers must uphold the rights to reduct of association, collective bargaining and freedom en discrimination.	Social	٥	0	8.5	8.3	7.4	0	
. Companies and their suppliers must pay at least a living op.	Social	0	0	8.5	8.3	7.4	0	
Companies and their suppliers must protect the safety and alth el workers.	Social	0	0	85	8.3	7.4	0	
Companies and their suppliers must have a gender-sensitive a talecance palloy towards all forms of gender-based crimination and stalence.	Social	٥	0	85	8.3	7.4	0	
. The financial institution has integrated sestainability perform in its governance structure.	Governance	8.5	8.5	85	8.5	85	8.5	
The financial institution is transparent on the actions wept which its forest-risk policies are implemented and forted.	Governance	R5		8.5	8.3	74	77	
I. The fituateial institution applies its forest-risk policies to a entity corporate group	Governance	0	0	0	0	0	0	

Policy assessments now published:

- → policies of 54 main banks and investors in forest-risk commodities assessed
- → from Asia, Europe, United States and Brazil
- → banks and investors have received opportunity to comment on their scores

Best overall scores:

- → ABN Amro (Netherlands): 7.1
- → Rabobank (Netherlands): 6.8
- → Government Pension Fund Global (Norway): 6.5
- → ING Bank (Netherlands): 6.2
- → Citigroup (United States): 5.9

Improvements possible, many banks and investors score very low

Expansion to 200 policy association in Sontombor

AGENDA



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Q&A

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CASE STUDY SINAR MAS GROUP

- → Sinar Mas family-controlled conglomerate that includes Asia Pulp & Paper and Golden Agri Resources
- ➔ Indonesia's largest producer of both pulp & paper and palm oil

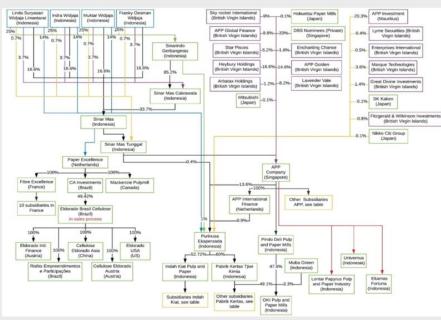
Environmental: Largest burned area and number of fire hotspots of any corporate group. Strongest links to Indonesia's fire and haze crisis

Social: Massive legacy conflicts- at least 107 villages in active conflicts with SMG pulp & paper operations alone. Local farmer murdered by contracted security in Jambi in 2015.

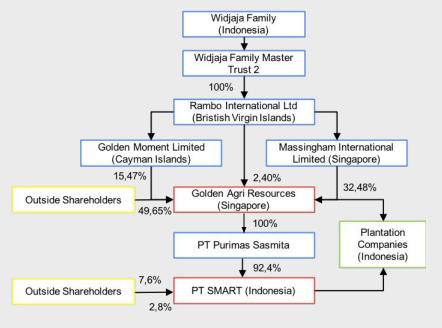
Governance: In 2018, director charged with bribing local officials to cover-up land-use violations

OWNERSHIP STRUCTURE



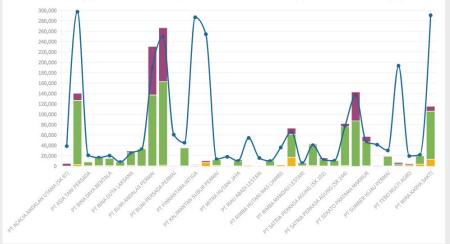






ENVIRONMENT IMPACT



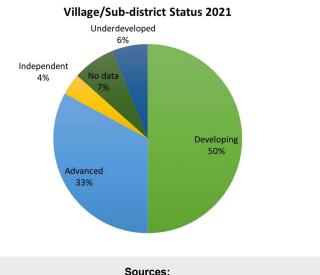


📕 Concession Area 2019 (Ha) 📒 Deforestation 2015-2019 (Ha) 📕 Concession Area on Peat 2019 (Ha) 📕 Burned Area 2015-2019 (Ha)

- → SMG's pulp mill is supplied by 35 suppliers. During 2015-2019, these factories contributed to 62,830 Ha of deforestation.
- → More than 1 million Ha or 40% of the concession area provides peatland that produces large amounts of Greenhouse Gases (GHG).
- → SMG's pulp & paper concession is a major contributor to the fire and haze crisis with a total area of 329,005 hectares of burned land (2015-2019).
- → After the 2015 peat fires, SMG is committed to restoring critical peat ecosystems in its HTI areas. However, a field survey (2018) reveals that four companies implementing SMG have failed to implement recovery measures and have even continued to replant peatlands with industrial acacia plantations, which violates the govt regulations and increases the risk of new fires.

SOCIAL IMPACT





Sources: Indeks Desa Membangun, June 2021

- → Villages within GAR's oil palm plantations have the status of 6% underdeveloped villages and 4% independent villages, the ratio is 2:1. The figures are increasingly unequal when compared to the status of developing villages of 50% and advanced villages of 33%. These results indicate that the presence of oil palm plantations has not been effective in driving village development. This can be seen from the high number of villages that are struggling with developing and advanced status. Moreover, underdeveloped villages are larger in number than independent villages.
- → APP SMG has 107 active social conflicts that include land tenure disputes, forced evictions, violence, and criminalization.
- → SMG has ignored calls for transparent mapping and conflict resolution. This has the potential to cause conflict escalation 5 times greater than previous conflicts.
- → This practice represents both reputational risk and operational risk for SMG.

GOVERNANCE IMPACT

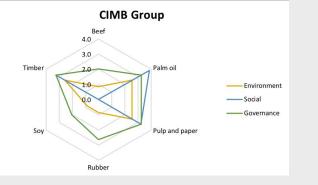
TENTANG READERSBLOG HUTAN HUJAN FOTO PARA PENJAGA H		Untuk mencari, keti	k dan tekari Q
Huten	namua Dinakai un		hadia
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oleh Hans Nicholas J dan Philip Jacobson di 19 July 2018		f¥ir	n ⊠ □
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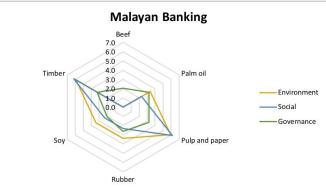
- SMG deliberately disguises its ownership of shadow companies, including placing its employees as nominee shareholders.
- → This nominee structure is prohibited by the Indonesian Investment Law, and failure to disclose who is the ultimate controlling holder in this corporation may also violate the rules on Beneficiaries.
- → The Forest Stewardship Council (FSC) stated that "SMG's pattern of using proxies to control its operations without legal ownership is very worrying", and subsequently discontinued its road map to re-associate SMG's pulp and paper division (APP) with this certification body, a powerful illustration which illustrates the market risk of SMG's corporate secrecy.

SINAR MAS

Malaysian banks provided US\$ 1.3 billion since 2016. (Maybank US\$ 850 million, CIMB US\$ 430 million)

CATEGORY	ISSUE	PALM OIL	PULP & PAPER
Environment	Deforestation	V	V
	Fire	V	V
Social	Community rights	V	V
	Labour rights	V	
Governance	Corruption	V	V
	Illegal operations	V	





THANK YOU!

