



SIME DARBY – THE WORLD’S LARGEST OIL PALM PLANTATIONS COMPANY

SIME DARBY IS A MAJOR PLAYER IN THE PALM OIL SECTOR AND IS A MEMBER OF THE RSPO

The 2007 merger of Sime Darby, Golden Hope Plantations and Kumpulan Guthrie established Sime Darby Plantation as the world's largest palm oil producer, with the potential of producing 8% of the world's total palm oil output.¹¹² This publicly-listed group, which runs plantations, refineries and biodiesel plants across Indonesia and Malaysia,¹¹³ is controlled by the Malaysian government.¹¹⁴

Sime Darby is a RSPO member.¹¹⁵

The Group is focusing on Indonesia for expanding its business.¹¹⁶

With total plantation assets of nearly 550,000ha, Sime Darby's nearly 200,000ha of oil palm concessions in Indonesia makes up for more than a third of its total holdings.¹¹⁷ Prior to the merger, Golden Hope controlled a total area of 60,000ha in West Kalimantan, Indonesia, of which 13,000ha were planted with oil palms.¹¹⁸ Kumpulan Guthrie owned and operated 56 plantation estates in Indonesia with a total land area of 220,000ha spread over Sumatra, Kalimantan and Sulawesi,¹¹⁹ of which 175,000ha had been planted.¹²⁰

In 2007, Indonesian production for the Sime Darby Group was around 800,000 tonnes of crude palm oil, accounting for nearly 5% of Indonesia production.¹²¹

UNILEVER'S LINKS TO SIME DARBY

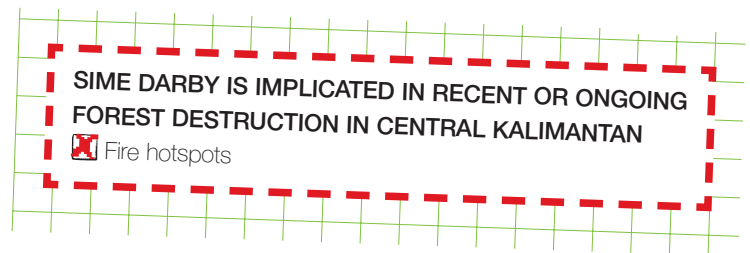
The Group is a major supplier to Unilever.¹²²

There is a long standing relationship between Unilever and companies now part of Sime Darby Group.

In 2002, Golden Hope bought Unimills, Unilever's oil refinery in Rotterdam in The Netherlands.¹²³ Unimills is the second largest diversified oil and fats blend manufacturer in Europe¹²⁴ – an industry that uses large quantities of palm oil. A recent announcement by Sime Darby confirmed that Unilever is a major customer of the Golden Hope (now Sime Darby) Unimills refinery in Rotterdam.¹²⁵

In 2008, Unilever named the Sime Darby Group, including Golden Hope and Kumpulan Guthrie, as one of its principle suppliers.¹²⁶

Golden Hope is known to trade palm oil sourced from the Musim Mas Group in Indonesia.¹²⁷



'We are the first plantation company in Malaysia to receive the Global 500 Award by the United Nations Environment Programme (UNEP) for our "Zero Burning" practices.'
Golden Hope (now part of Sime Darby)



MUSIM MAS

MUSIM MAS IS A MAJOR PLAYER IN THE PALM OIL SECTOR AND IS A MEMBER OF THE RSPO

In 2006, Musim Mas had 126,000ha of landholdings in Indonesia,¹²⁸ over half of these in Central Kalimantan.¹²⁹

In 2007, the Group produced around 300,000 tonnes of crude palm oil, accounting for 2% of Indonesia's production.¹³⁰

The company seeks RSPO certification for all of its operations. This includes certification of the Central Kalimantan concession PT Globalindo Alam Perkasa in September 2009. As of December 2007, 2,531ha of this concession (15%) was reported planted.¹³¹ Greenpeace has evidence that in December 2007, a baby orang-utan was captured in this concession area, indicating that it has high conservation values (HCV). The concession is located on peat,¹³² in some areas over 4 metres deep, and had fire hotspots in 2006 and 2007,¹³³ implying recent clearance.



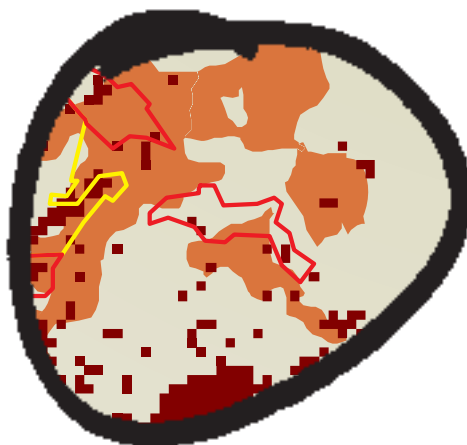
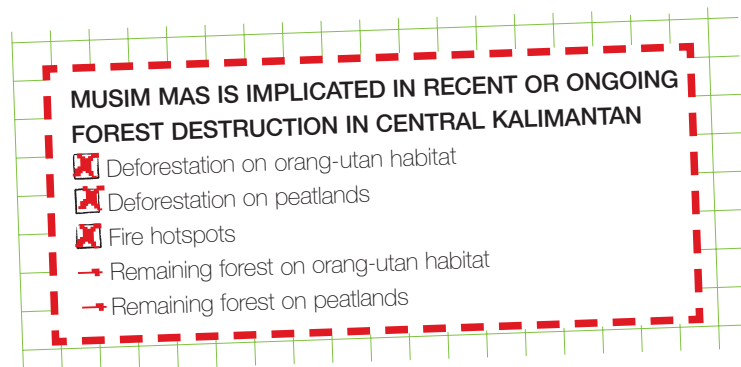
Oil palm concession PT Globalindo Alam Perkasa controlled by Unilever supplier Musim Mas. The Google Earth image shows significant forest cover within the concession boundaries. The first detail map shows 2004 orang-utan habitat and deforestation 2000–2007. The second map shows peatland areas and 2006–2007 fire hotspots. This suggests active deforestation in the concession.

UNILEVER'S LINKS TO MUSIM MAS

Unilever supplier Golden Hope is known to source palm oil from the Musim Mas Group in Indonesia.¹³⁴

Unilever trader Cargill is known to source palm oil from the Musim Mas Group in Indonesia.¹³⁵

In 2008, Unilever named Musim Mas as one of its principle suppliers.¹³⁶

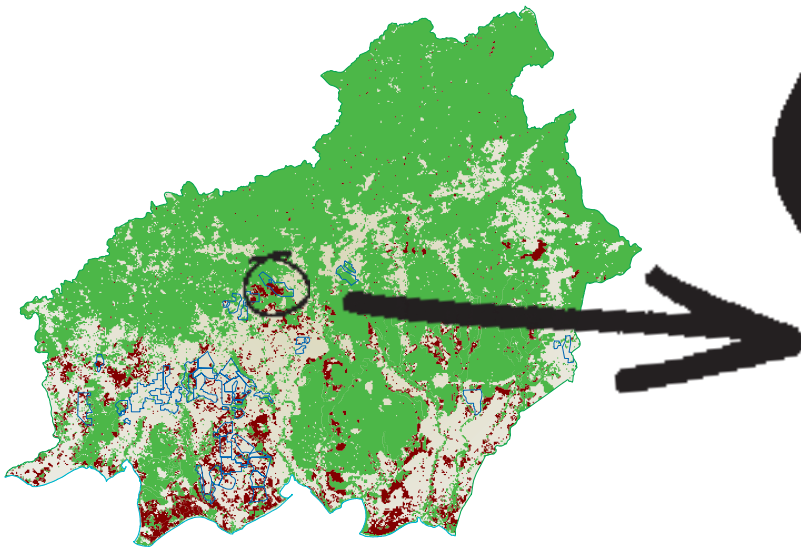




ASIAN AGRI

ASIAN AGRI IS A MAJOR PLAYER IN THE PALM OIL SECTOR AND IS A MEMBER OF THE RSPO

RSPO member Asian Agri¹³⁷ is part of the Raja Garuda Mas Group, which owns the pulp and paper giant APRIL.¹³⁸ Raja Garuda Mas is controlled by Sukanto Tanoto, whom *Forbes* lists as the richest man in Indonesia.¹³⁹ *The Jakarta Post* reports that Asian Agri is currently under investigation for evasion of taxes worth up to Rp1.3 trillion (\$140 billion), with the possibility of criminal charges against its top executives.¹⁴⁰



Asian Agri controls over 160,000ha of planted plantation land in Riau, Jambi and North Sumatra:¹⁴¹ 100,000ha in concessions and 60,000ha in smallholder areas.¹⁴²

In 2007, the Group refined about 1.5Mt of crude palm oil, about 9% of Indonesia's production.¹⁴³

UNILEVER'S LINKS TO ASIAN AGRI

Unilever trader Cargill is known to source palm oil from the Asian Agri Group in Indonesia.¹⁴⁴

In 2008, Unilever named Asian Agri as one of its principle suppliers.¹⁴⁵

Protecting the world's remaining forests is crucial to efforts to stabilise the climate, to preserve global biodiversity and

ASIAN AGRI IS IMPLICATED IN RECENT OR ONGOING FOREST DESTRUCTION IN CENTRAL KALIMANTAN

- Deforestation on orang-utan habitat
- Deforestation on peatlands
- Fire hotspots
- Remaining forest on orang-utan habitat



Oil palm concession PT Karya Dewi Putra in Central Kalimantan controlled by Unilever supplier Asian Agri. The large area map shows that the concession was still forested in 2007. The first detail map shows 2004 orang-utan habitat and deforestation 2000–2007. The second map shows 2006–2007 fire hotspots. This suggests active deforestation in the concession.

'Asian Agri has a very strict no-burn policy. During either initial planting (land clearing) or replanting, Asian Agri utilises mechanical means to clear land.'

Asian Agri website



ASTRA AGRO

ASTRA AGRO IS A MAJOR PLAYER IN THE PALM OIL SECTOR

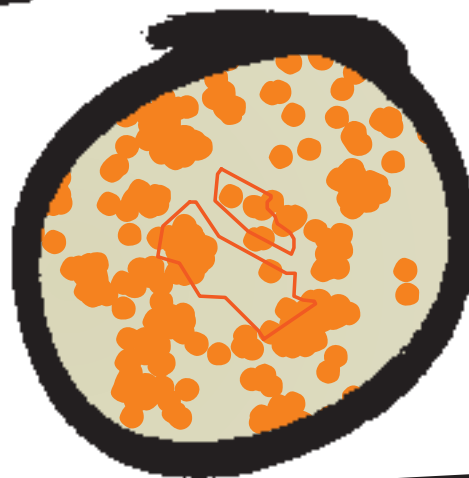
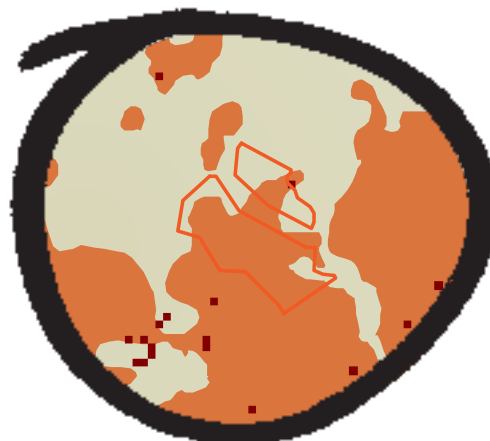
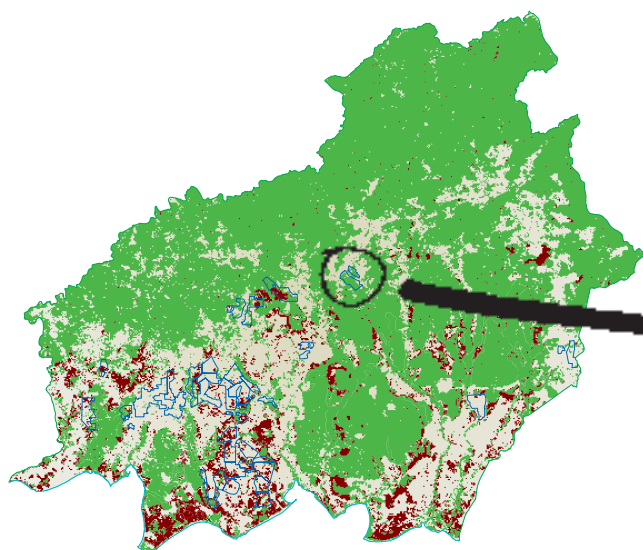
Astra Agro is controlled by Indonesia's car manufacturer PT Astra International.

During 2007, the Group increased its landholdings by 70% to nearly 400,000ha.¹⁴⁶ Of this, some 235,000ha is planted¹⁴⁷ (90,000ha in Kalimantan, 107,000ha in Sumatra and 38,000ha in Sulawesi).¹⁴⁸ Some 40% remains to be planted.

In 2007, the Group produced 921,000 tonnes of crude palm oil, accounting for 5.5% of Indonesia's production.¹⁴⁹

UNILEVER'S LINKS TO ASTRA AGRO

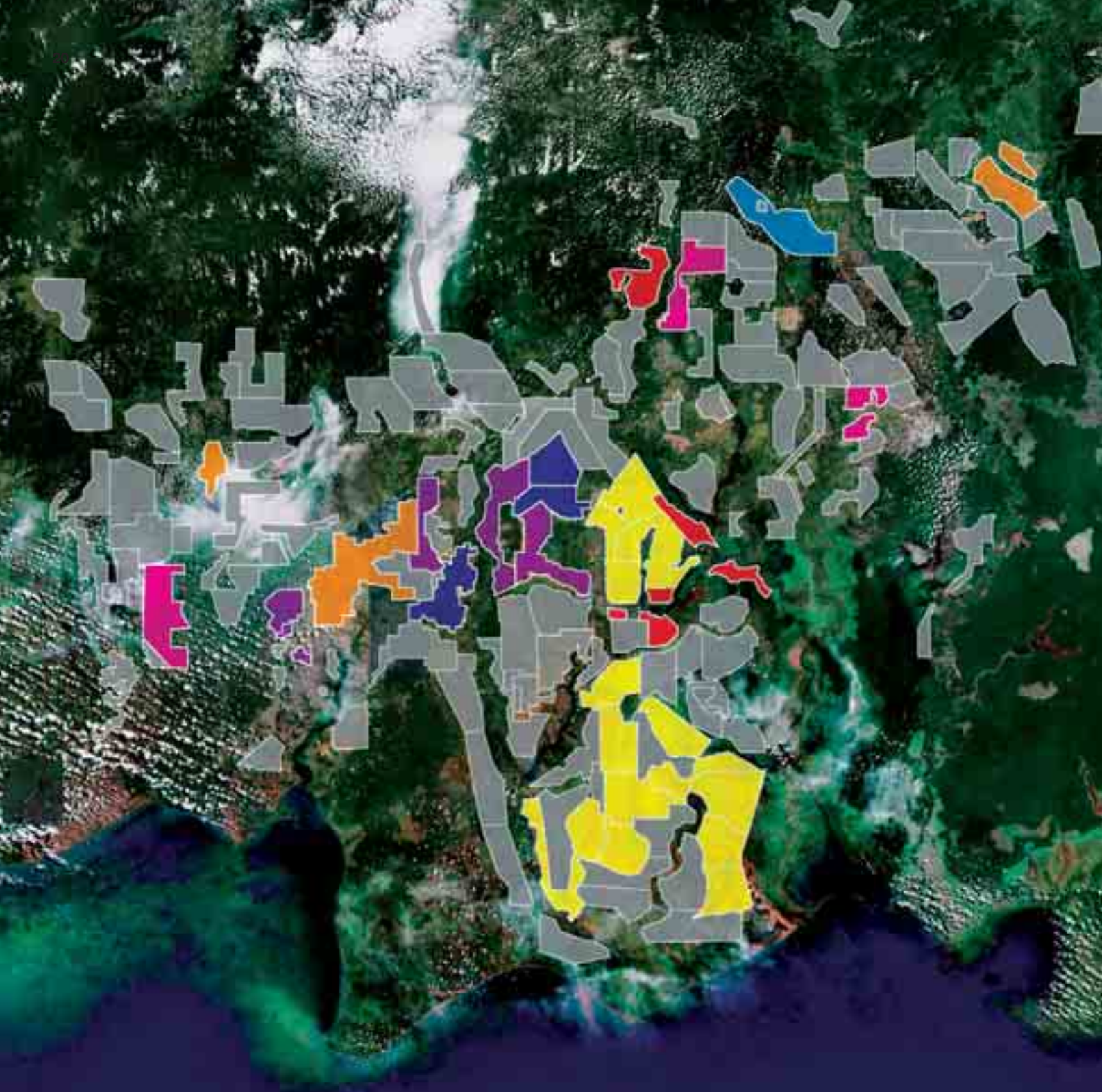
Unilever trader Cargill is known to source palm oil from the Astra Agro Group in Indonesia.



ASTRA AGRO IS IMPLICATED IN RECENT OR ONGOING FOREST DESTRUCTION IN CENTRAL KALIMANTAN

- Deforestation on orang-utan habitat
- Deforestation on peatlands
- Fire hotspots
- Remaining forest on orang-utan habitat

Oil palm concessions PT Agro Lestari Sentosa in Central Kalimantan controlled by Unilever supplier Astra Agro. The large area map shows that the concessions were still forested in 2007. The first detail map shows 2004 orang-utan habitat and deforestation 2000–2007. The second map shows 2006–2007 fire hotspots. This suggests recent deforestation in the concession.



CONCESSIONS CONTROLLED BY UNILEVER
 SUPPLIERS IN THE AREA OF LAKE SEMBULUH
 IN CENTRAL KALIMANTAN

■ Sinar Mas	■ Musim Mas
■ IOI	■ Asian Agri
■ ADM-Kuok-Wilmar	■ Astra Agro
■ Sime Darby	

CLIMATE AND BIODIVERSITY IMPACTS OF *Unilever* PALM OIL SUPPLIERS IN CENTRAL KALIMANTAN¹⁵⁰

OIL PALM GROUPS	Sinar Mas	IOI	Wilmar	Sime Darby	Musim Mas	Asian Agri	Astra Agro
Share of Crude Palm Oil (CPO) production in Indonesia (2007)	10%	1.1%	3.2%	4.7%	2.0%	9.0%	5.5%
Oil Palm Concessions in Central Kalimantan							
Total number of oil palm concessions	6	3	15	4	6	1	7
Total area (ha)	68,845	48,779	255,714	49,086	38,925	26,437	111,810
Peatland Areas							
Number of concessions on peatland	3	1	12	1	4	0	1
Actual area on peat (ha)	8,067	2,981	57,591	1,626	10,039	0	23,269
Total peatland carbon store / CO ₂ equivalent (CO ₂ e)	12.1Mt (44.5Mt CO ₂ e)	3.6Mt (13.2Mt CO ₂ e)	35.7Mt (131.4Mt CO ₂ e)	0.73Mt (2.7Mt CO ₂ e)	11.7Mt (42.9Mt CO ₂ e)	0	58.4Mt (214Mt CO ₂ e)
Number of concessions on deep peat >2m	2	1	2	0	0	0	1
Area (ha)	6,597	1,685	6,693	0	2,283	0	23,269
Number of concessions with deforestation on peatland (2000 to July 2007)	1	1	9	0	4	0	1
Number of concessions with remaining forest on peatland in July 2007	2	1	7	0	3	0	0
Orang-utan Habitat							
Number of concessions on 2004 orang-utan habitat	5	2	15	2	6	1	4
Number of concessions with deforestation on orang-utan habitat (2000 to July 2007)	1	1	9	0	4	0	1
Number of concessions with significant remaining forest on orang-utan habitat in July 2007	3	2	8	0	5	1	3
Forest Fires Hotspots (2006-2007)							
Number of concessions 2006	260 fire hotspots on 5 concessions	201 fire hotspots on 5 concessions	1117 fire hotspots on 4 concessions	70 fire hotspots on 3 concessions	135 fire hotspots on 3 concessions	266 fire hotspots on 1 concession	442 fire hotspots on 7 concessions
Number of concessions 2007	62 fire hotspots on 3 concessions	33 fire hotspots on 4 concessions	13 fire hotspots on 7 concessions	3 fire hotspots on 2 concessions	53 fire hotspots on 3 concessions	12 fire hotspots on 1 concession	264 fire hotspots on 7 concessions