

Plenary Session 3: Future Proofing the RSPO – The State of Palm Oil in 2050



**SCALING UP THE SUSTAINABLE PALM OIL
VALUE CHAIN THROUGH COLLECTIVE ACTION**



What the future holds - Headlines from 2050

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India Daily

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LONDON 01- Aug - 2050 Edition: 012345

India self reliant

Harimau Malaya wins world cup football

In an upset of the world football stage, the Malaysian national football team, nicknamed "Harimau Malaya" managed to beat Spain in the final of the 2050 World Cup football with 3-1. It is the first time an Asian team wins the prestigious FIFA World Cup



On Monday August 1, agriculture in India de rate of 85% India is n the import of fopreig

The Daily

Monday, August 1, 2050

Museum for fossile cars

On Monday August 1st, the first museum for cars running on fossil fuels was opened in Amsterdam, the Netherlands. The museum aims at educating children

LIVE KUALA LUMPUR



PALM NEWS

PO PRODUCTION BREAKS 100 MILLION MT BARRIER

1 AUG 2050 ACCORDING TO THE LATEST REPORT OF PALM OIL WATCH THE GLOBAL PRODU

LIVE NEW YORK



CNN

10 BILLIONTH EARTHLING SOON TO BE BORNE

2050 BABYNAMING CONTEST: WIN 10.000 USD

What the future holds – Our world in 2050

<u>Global Population</u>	<u>Region</u>	<u>Pop (mil)</u>	<u>Change (vs 2022)</u>
9.7 billion people	Europe and North America	1,125	+5
	Sub-Saharan Africa	2,094	+942
	<i>Nigeria</i>	375	+159
	<i>Dem. Rep. of Congo</i>	215	+118
	Northern Africa and Western Asia	771	+222
	Central and Southern Asia	2,575	+500
	<i>India</i>	1,668	+256
	Eastern and Southeastern Asia	2,317	-25
	<i>China</i>	1,317	-109
	Latin America and the Caribbean	749	+91
Oceania	58	+13	

Global Trends

- Climate change continues to have devastating effects, particularly in coastal regions; disruption in weather patterns (e.g. monsoons) has affected agricultural patterns, with food security risks especially in South Asia and Sub-Saharan Africa that is now home to nearly half the world's population
- Global efforts to contain further extreme effects of climate change have switched from carbon neutral/zero to carbon negative i.e. net negative emission levels
- Electrification of the vehicle fleet is now dominant; near universal in Europe and North America, rapidly growing in Asia. Fuel-powered vehicles are now relics. This has all but removed biofuels demand for palm. Power generation is a concern, although renewables now account for 50% of the energy mix
- Strict environmental, social and climate legislation entrenched in Europe, NA, Latam and much of Asia
- Sustainable financing and trade is now mainstream and mandatory

What the future holds – Palm Oil in 2050

<u>Palm Oil Area</u>	<u>Region</u>	<u>Global distribution</u>	<u>Change in global distribution (vs 2022)</u>
28 million hectares	Indonesia	35%	-11%
	Malaysia	14%	-7%
	Latin America	5%	1%
	Africa	30%	14%
	ROW	15%	5%
<u>Palm Oil Production</u>	<u>Region</u>	<u>Market share</u>	<u>Change in market share (vs 2022)</u>
102 million MT	Indonesia	49%	-10%
	Malaysia	16%	-8%
	Latin America	8%	2%
	Africa	14%	9%
	ROW	13%	7%
<u>Production Trends</u>	<ul style="list-style-type: none"> - Declining area in ID and MY, conversion to housing; focus on automation and yields to improve productivity - India and Nigeria have achieved a level of self-sufficiency - New frontier areas for development have emerged, including Dem. Rep. of Congo, Myanmar, Bangladesh, East Africa 		

<u>Palm Oil Consumption</u>	<u>Region</u>	<u>Market share</u>	<u>Change in market share (vs 2022)</u>
101 million MT	Europe	4%	-6%
	North America	1%	-1%
	Malaysia	4%	0%
	Indonesia	21%	-5%
	China	6%	0%
	India	14%	3%
	Latin America	7%	1%
	Africa	22%	10%
	ROW	21%	-1%
	<u>Consumption Trends</u>	<ul style="list-style-type: none"> - Europe and North America consumption has declined, entirely driven by food and oleochemicals - Sustainability in animal feed now a priority - Consumption in sub-Saharan Africa and South Asia has increased dramatically, driven by population growth - Trade structures have upended; India exports to Pakistan and Iran, West Africa near self-sufficiency 	