
Breakout Session 1: Using Data and Technology to Demonstrate Greater Impact



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



About this session

IMPACT REPORT 2022



- RSPO has introduced its new Impact Framework, designed to leverage existing (and perhaps underutilised) data available within RSPO standards, systems and procedures in broader, deeper and better ways.
- The Impact Framework consists of an initial **15 Impact Indicators** grouped into **7 Impact Themes**. This list of Impact Indicators was identified through a comprehensive mapping of RSPO's ambitions through our standards, systems and procedures against the **244 UN Sustainable Development Goal (SDG) indicators**.
- The Impact Framework underpins the RSPO Impact Report 2022, which introduces a new approach to narrating and showcasing the achievements and positive impacts associated with RSPO as part our role in driving sustainable development in palm oil.
- Through this, we now have a better understanding on the positive impacts we want to be able to demonstrate on **People, Planet and Prosperity**. We now know we can say, and we also know what we cannot say yet. This data has established a floor, and we want to raise the ceiling by asking this question:

“Now that we know where we are, how can we leverage advances in data and technology, supported by innovations in analysis and research techniques, to demonstrate greater impact?”



Meet the Panellists

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*Co-Chair of RSPO
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*Chief Scientist
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Dr. Karen Lawrence

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Roundtable on Sustainable
Palm Oil (RSPO)*



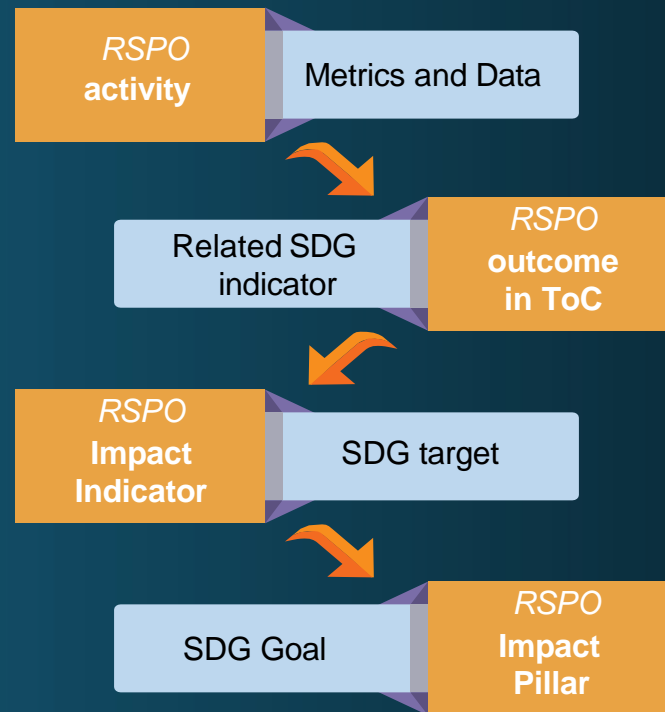
RSPO Impact Framework

RSPO Impact Theme	RSPO Impact Indicator	Impact Pillar		
Respecting Human Rights	Gender Index			
	Labour Index			
	Human Rights Risk			
Including Smallholders	Smallholder Participation			
	Smallholder Certification			
Protecting and Restoring Nature	Safeguarding Nature			
	Environmental Sustainability Index			
	Water Stewardship			
	Remediation			

RSPO Impact Theme	RSPO Impact Indicator	Impact Pillar		
Preventing Fire	Fire Risk			
Limiting Climate Change	Emissions Management			
Advancing Certification	Certification Trends			
Transforming Markets	Certified Supply			
	Certified Consumption			
	Shared Responsibility			

Under the new Impact Framework, we have connected and codified our impacts with the **United Nations Sustainable Development Goals (SDGs)**.

Our initial mapping has identified 66 linkages between RSPO and the 244 SDG indicators, covering 16 of the 17 SDG goals.



Mapping RSPO Impacts to SDGs



RSPO Impacts and Priority SDGs

RSPO Impacts: Respecting Human Rights



- Progress on inclusivity, equal access and empowerment for women
- Progress on respecting workers' rights and labour conditions
- Status and risk level of human rights issues within RSPO certification

Example extract from Impact Report 2022

		Certified Palm Oil Mills		Oil Palm Estates	
Grievance	Mills / Estates with a system to record internal grievances	Indonesia		88.2%	91.4%
		Malaysia		90.8%	100.0%
		Latin America	90.73%	93.3%	95.1%
		Africa		100.0%	100.0%
		ROW		100.0%	100.0%
Empowerment	Female workers in management roles as a percentage of total management roles / administrative roles	Indonesia		6.4%	17.2%
		Malaysia		20.2%	30.5%
		Latin America	12.1%	12.3%	24.2%
		Africa		10.7%	26.3%
		ROW		5.3%	24.1%

Highlights of Respecting Human Rights

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Respecting Human Rights

An estimated **500,000 workers in estates and mills globally are represented under RSPO certification** through the Principles and Criteria (P&C) standard.

Labour Index

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Respecting Human Rights

Over **90% of certified estates and mills have introduced formal internal grievance systems.**

Labour Index

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Respecting Human Rights

Within certified estates and mills, **female workers receive training in equal proportion to male workers .**

Gender Index

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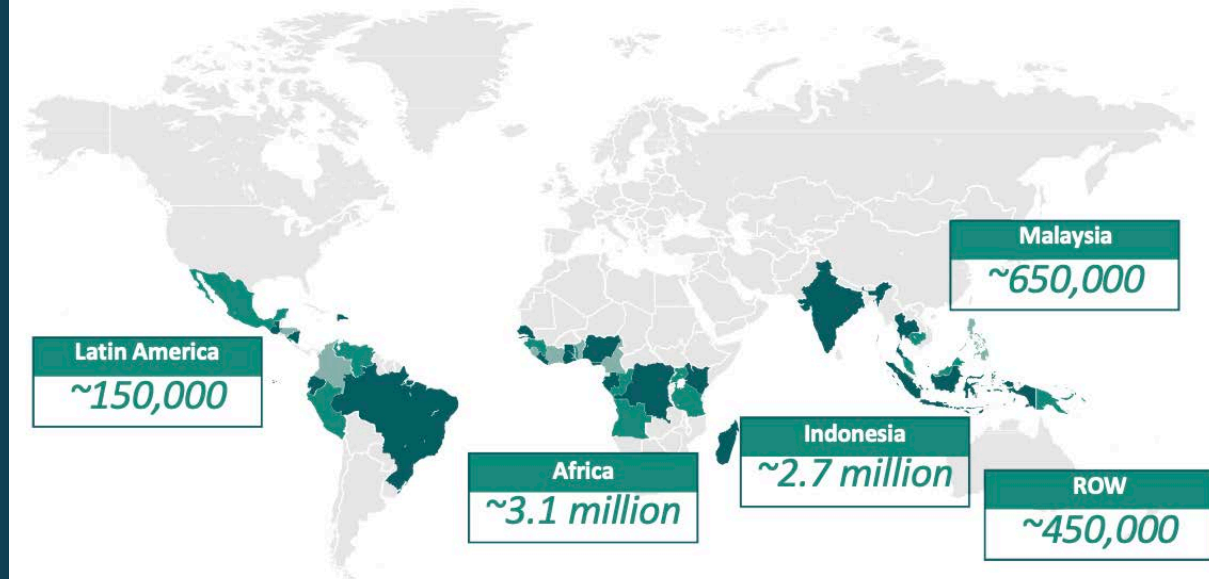
RSP0 Impacts: Including Smallholders

- Encouraging and assisting palm oil smallholder farmers towards sustainability
- Progress on the reach and extent of smallholder farmers within RSP0 certification



Example extract from Impact Report 2022

RSP0 estimates that there are at least 7 million smallholders associated with palm oil worldwide



Estimated number of smallholder farmers involved in oil palm by region

Highlights of Including Smallholders

Including Smallholders

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US\$4.03 million under the RSPO Smallholder Support Fund (RSSF) has supported 38,597 farmers across 12 countries since 2013, resulting in 71% of current certified independent smallholders.

Smallholder Participation

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Including Smallholders

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Certified scheme and independent smallholders operate an area the size of 416,791 ha, more than the oil palm production area in Ghana.

Smallholder Certification

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Including Smallholders

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Sierra Leone’s Ngoyai Gbaayegie Group becomes the first Independent Smallholder (ISH) Group in Africa to achieve certification, also the first certified group outside Southeast Asia.

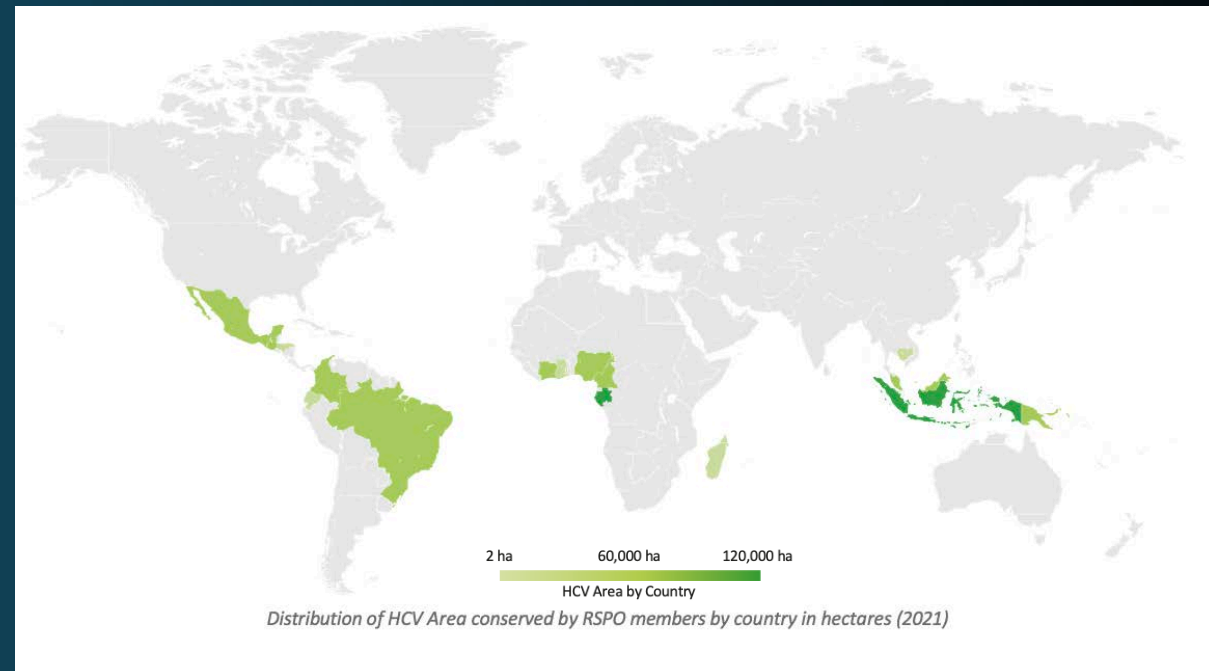
Smallholder Certification

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RSPO Impacts: Protecting and Restoring Nature

- Progress on halting deforestation and preserving biodiversity
- Progress on promoting environmentally sustainable practices
- Promoting responsible usage of water and protecting freshwater ecosystems
- Upholding responsibility in respect to historical deforestation

Example extract from Impact Report 2022



“ Protecting and Restoring Nature

An area of 301,020 ha, almost 30 times the size of Paris, has been conserved and protected through RSPO certification.

Safeguarding Nature ”

“ Protecting and Restoring Nature

Since 2015, 238 RaCP Compensation Plans have been implemented, remediating for an area equivalent to the size of Singapore.

Remediation ”

“ Protecting and Restoring Nature

Certified palm oil mills have an average water footprint of 0.005 m³/kg, lower than other vegetable oils such as soybean and rapeseed.

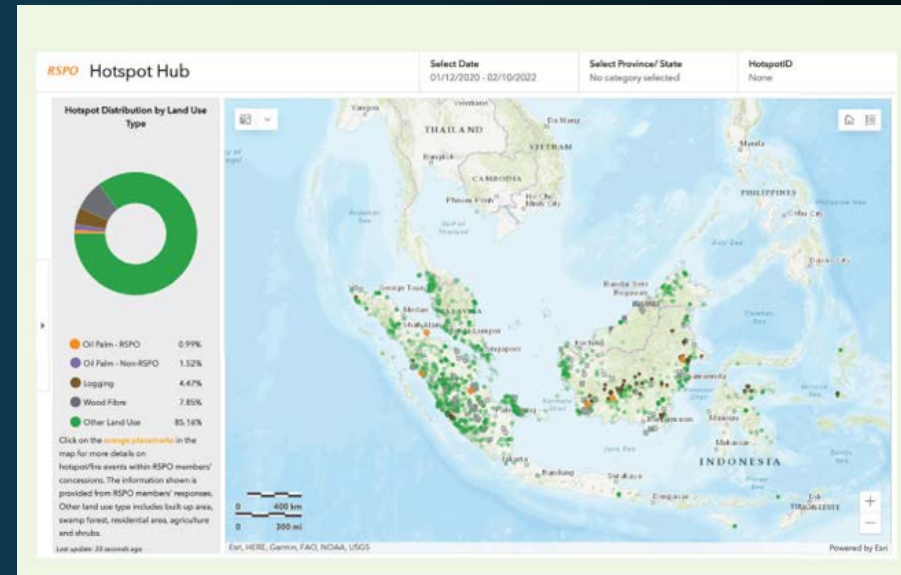
Water Stewardship ”

Rspo Impacts: Preventing Fire

- Progress on mitigating and minimising fire risks within Rspo certification



Example extract from Impact Report 2022



The Rspo Hotspot Hub is designed provide information on verified hotspots and potential fires within Rspo certified and non-certified concessions, and highlights the actions carried out by members to remedy the situation.

Highlights of Preventing Fire

Preventing Fire

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If there is a fire hotspot detected in Indonesia or Malaysia, there is a less than **1.5% probability** that it is within an RSPO certified concession.

Fire Risk”

2021		
Total hotspots	85,471	
Hotspots (RSPO certified concession)	1,216	1.4%
Hotspots (RSPO member concession, uncertified)	10,107	11.8%
Peat Hotspots (RSPO certified concession on peat)	98	0.1%
Peat Hotspots (RSPO member concession, uncertified, on peat)	3579	4.2%

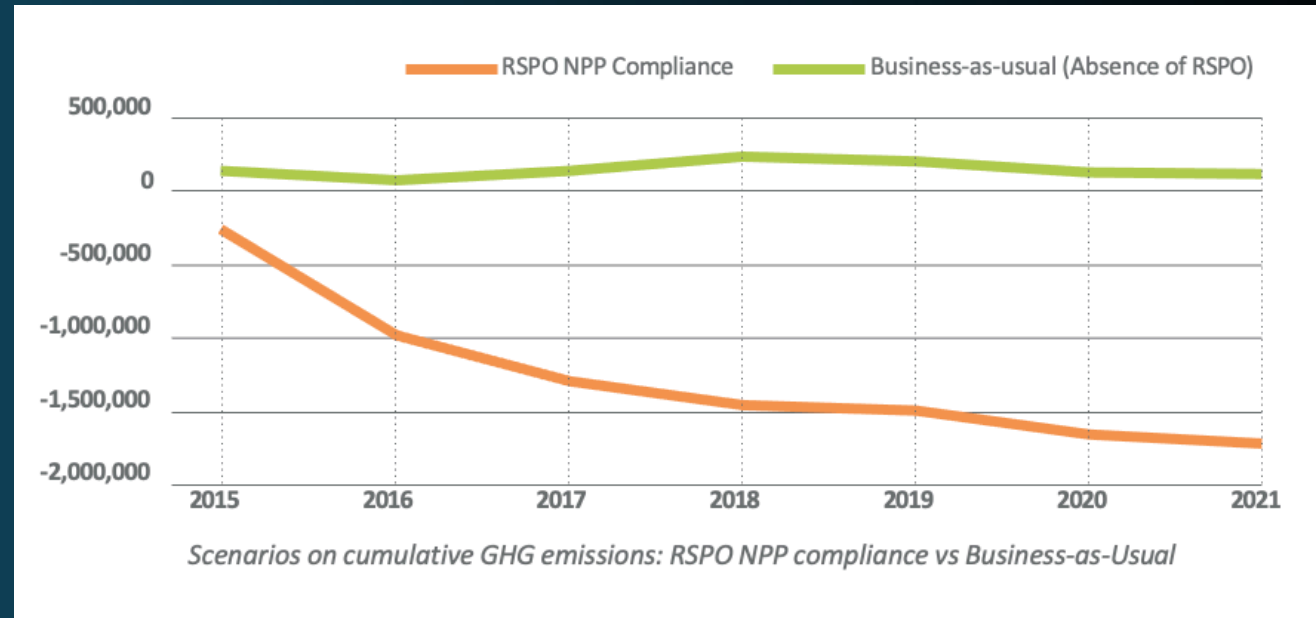
Fire Hotspots in RSPO member concessions (2021)

**RSPO Impacts:
Limiting Climate Change**



- Progress on climate change goals through emissions avoidance and mitigation through RSPO procedures and within RSPO certification

Example extract from Impact Report 2022



Highlights of Limiting Climate Change

Limiting Climate Change

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Cumulative GHG emissions avoided since 2015 equivalent to 395,289 cars driven annually, more than the entire motor vehicle fleet of Macau and Brunei combined.

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Emissions Management - Avoidance ””

Limiting Climate Change

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Indicative data, supported by research, shows that CSPO is associated **with a lower rate of greenhouse gas (GHG) emissions** compared to conventional palm oil.

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Emissions Management - Mitigation ””

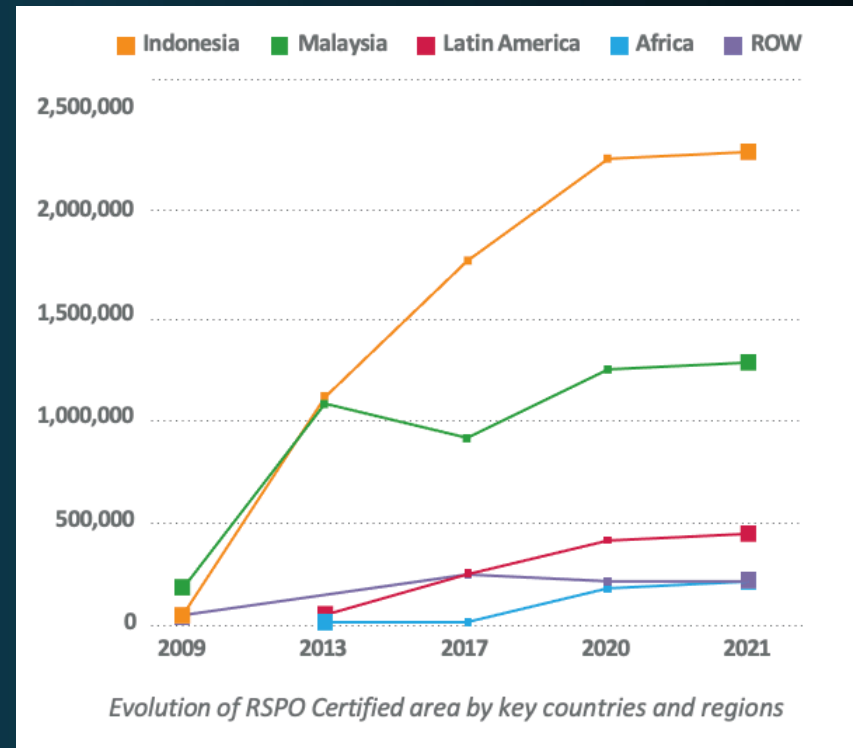
Impact Theme & Indicators

RSPO Impacts: Advancing Certification

- Progress on the reach, extent and traceability of RSPO certification in the global palm oil market



Example extract from Impact Report 2022



Highlights of Advancing Certification

Advancing Certification

Since RSPO certification began, **global certified area has increased from 125,000 ha over 3 countries in 2008, to 4.5 million ha over 21 countries.**

Certification Trends

Advancing Certification

Average CSPO yields from RSPO certified estates and mills is 4.5 MT/ha, compared to average yields of 3.2 MT/ha for overall palm oil.

Certification Trends

Advancing Certification

RSPO Trademark licences have increased to 1,676 covering over 100 countries and territories, with increasing growth seen in China, Japan and Southeast Asia.

Certification Trends

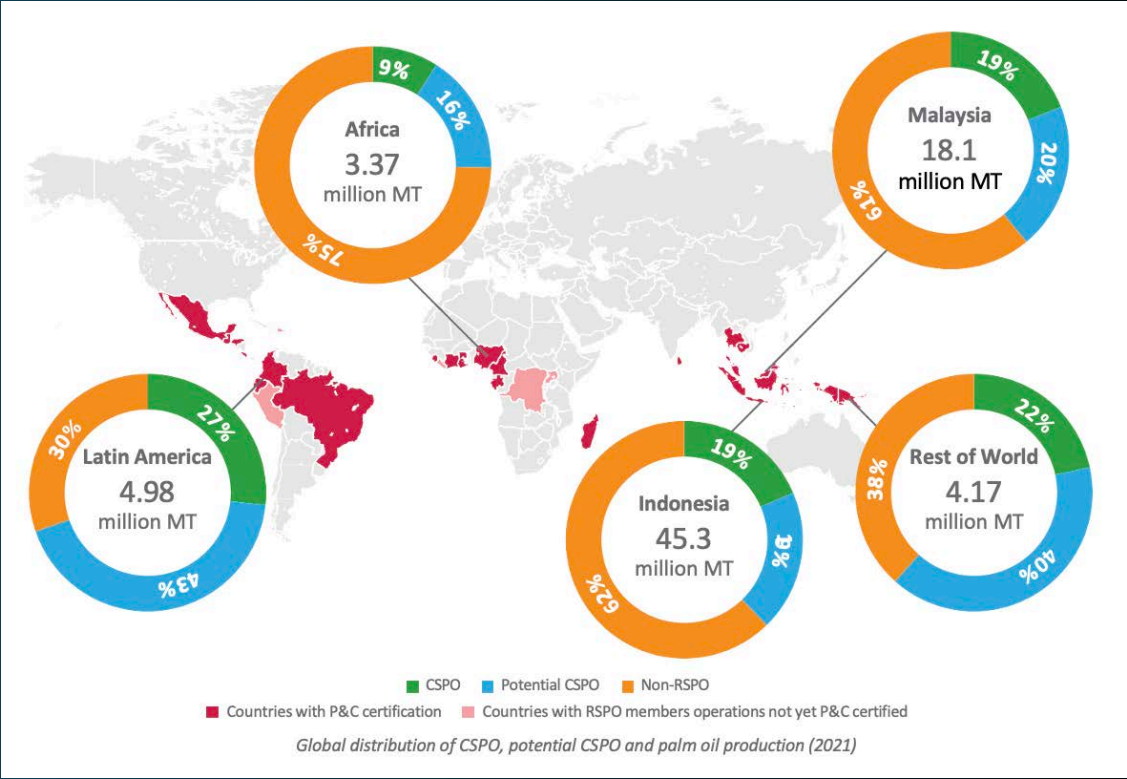
Impact Theme & Indicators

**RSPO Impacts:
Market Transformation**



- Progress on shifting global production of palm oil towards sustainability
- Progress on shifting global consumption of palm oil towards sustainability
- Ensuring certified consumption matches certified production, and all RSPO members follow in the spirit of RSPO principles and criteria

Example extract from Impact Report 2022



Highlights of Transforming Markets

Transforming Markets

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Production of Certified Sustainable Palm Oil (CSPO) increased by nearly 900,000 metric tonnes (MT), a year-on-year-growth of 6.3%.

Certified Supply

Transforming Markets

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Downstream consumption of CSPO through consumer and retail products increased by over 914,000 MT, a year-on-year growth of 12.0%.

Certified Consumption

Transforming Markets

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Uptake of CSPO and certified palm oil products exceeds 80% in Europe and North America, with encouraging growth also in Latin America, China and Malaysia.

Certified Consumption

Questions & Answers

Thank You!

