

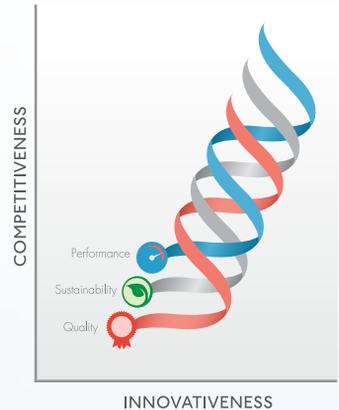
Essential Building Blocks for Sustainable Consumer Products



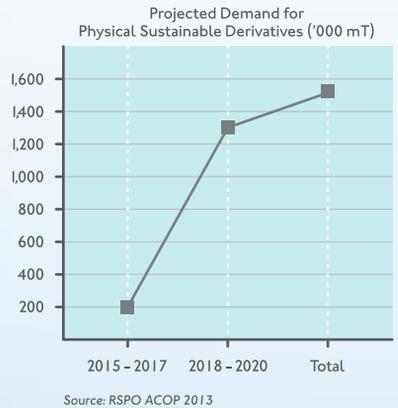
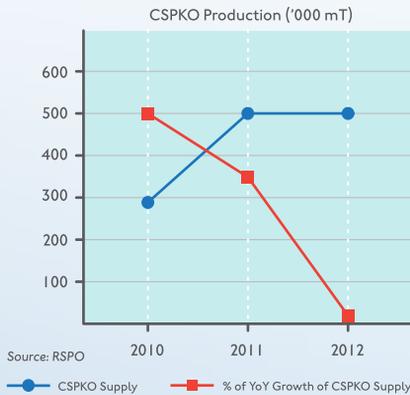
Act Sustainably

Driven by our vision to grow and create value by acting sustainably to achieve planet habitability, people prosperity and financial profitability, we take sustainability seriously in driving our future growth. Everything we engage in is to create value in ensuring the delivery of world class quality, guaranteed performance and achieving a positive balance of planet, people and profit by producing innovative solutions.

Echoing our vision to become the world leader in value added natural-based chemicals, our sustainability approach subscribes to a philosophy to "ACT SUSTAINABLY", where our actions across the board aim to deliver a more sustainable approach for our long term goals and day-to-day behaviours. Act Sustainably is a rallying call to our people and partners to consider the sustainable impact of their decisions and what they can do to contribute to a better world.



RSPO Market Snapshot



The production of CSPKO has plateaued coupled with marked decrease in availability of certified sustainable feedstock. This movement is also evident with a price increase of around six folds on Green Palm certification for CSPKO from 2012 to 2014. However, the projected demand for Mass Balance and Segregated certified oleo derivatives will increase year by year, based on time bound commitments, majority of which will commence in 2015. This leads to questions on stability of supply and economic viability of certified sustainable oleo derivatives.

Bridging the Gap

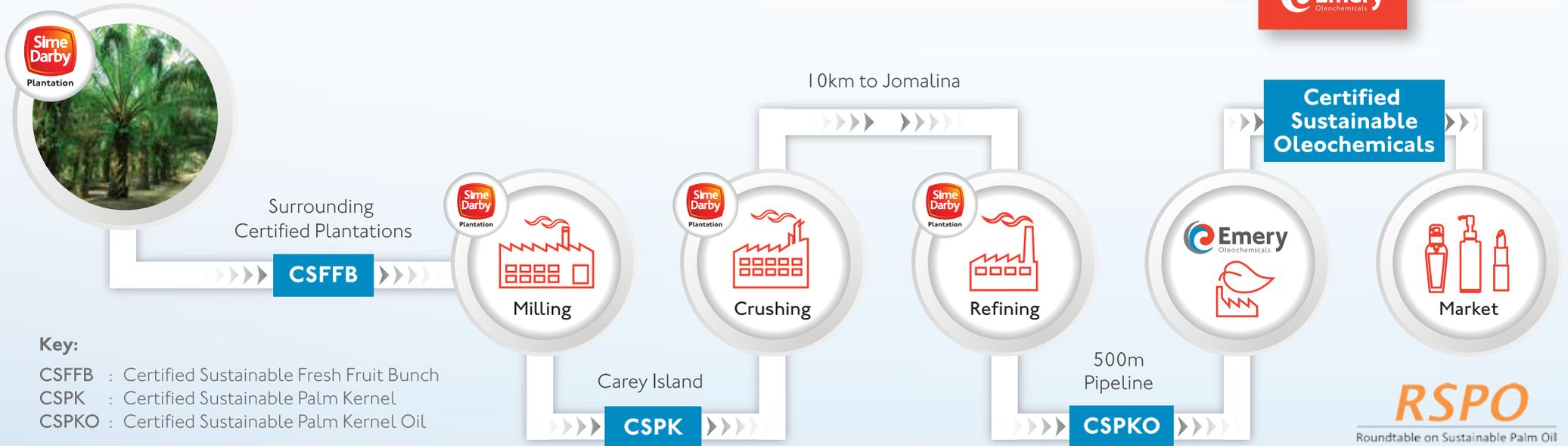
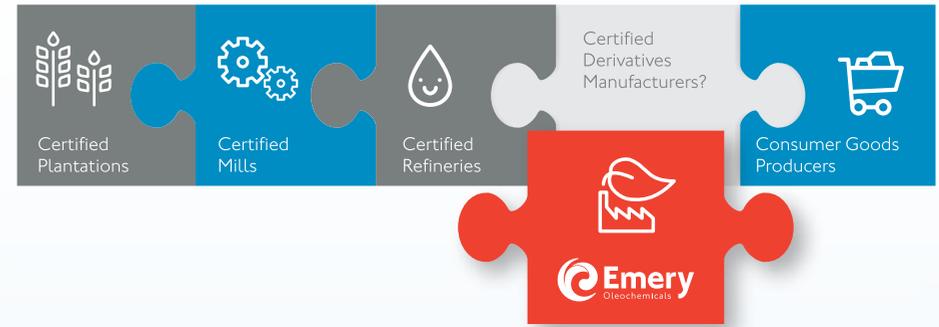
Despite the complexity in answering such questions, Emery Oleochemicals strives in being the critical bridge in connecting product manufacturers to consumers by enabling supply of sustainable oleochemical ingredients in product development and production via our RSPO Supply Chain System Certified for Mass Balance and Segregated derivatives. With both our Asia Pacific and European manufacturing sites RSPO supply chain system certified and our access to sustainable feedstocks, we are well positioned to be an enabler in the uptake of more sustainable oleo derivatives and reshape our industry as a whole.

Leading the Way

In 2013 we conducted a pioneering pilot project to supply RSPO Segregated derivatives to a global FMCG player. Armed with the success of this pilot, we are now gearing to ramp up our capacity to produce and offer commercial quantities of RSPO Segregated oleo derivatives to continuously enhance the production of sustainable and responsible palm-based end consumer products. Since joining the RSPO, we have been actively participating in various discussions and forums. We are representatives of the Asean Oleomanufacturing Group in the RSPO Supply Chain Certified Review Task Force with the aim to input industry views in the development and uptake of RSPO certified oleochemical and derivatives.

Emery Oleochemicals RSPO Supply Chain

Emery Oleochemicals' integrated relationship with Sime Darby Plantation (the world's largest RSPO certified producer) permits us access to a stable supply of sustainable feedstock. The proximity of our "feedstock to product" ecosystem allows for efficient, sustainable production and enhanced product traceability. Our collective global footprint warrants us to deliver to any market the sustainable oleo based building blocks of consumer products. Join us in transforming the oleochemical industry into a sustainable future enabler.



Key:

- CSFFB : Certified Sustainable Fresh Fruit Bunch
- CSPK : Certified Sustainable Palm Kernel
- CSPKO : Certified Sustainable Palm Kernel Oil

RSPO Product Portfolio

Mass Balance Ready

Ag Agro Green	Bl Bio-Lubricants	Hp Home & Personal Wellness
Gp Green Polymer Additives	Ep Eco-Friendly Polyols	Ob OleoBasics

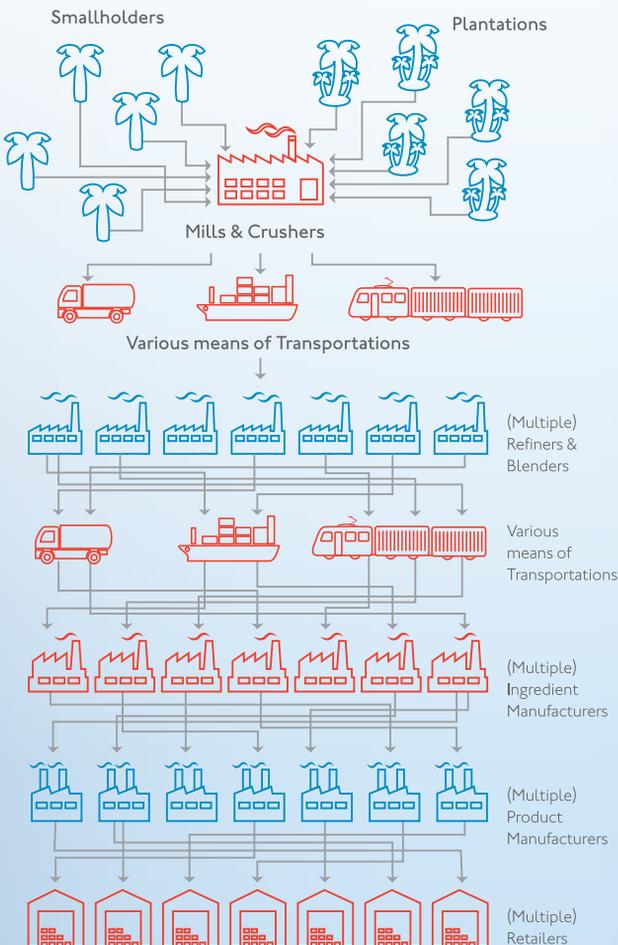
Segregated

Ready	Pipeline		
EMERCOL	EMEREX	EMERLUX	EMERSENSE

Downstream Palm Oil/ Oleochemical

Complexities of the Supply Chain

- Multi operators / stakeholders
- Many link with potential for mixing
- Multi-layered processes with diverging production step
- Multi-layered options of Mixing Raw Materials for products



RSPO

Roundtable on Sustainable Palm Oil

FAQ :

What is RSPO?

The Roundtable on Sustainable Palm Oil (RSPO) is a global, multi-stakeholder initiative on sustainable palm oil. Members and participants come from many different backgrounds from the many countries that produce or use palm oil.

What are the challenges of the RSPO supply chain?

Complexity, lack of transparency and commercial availability are common features of palm oil supply chains. Oil from different sources are at risk of being mixed at every stage of the supply chain (mills and crushers, transportation, refiners and blenders, manufacturers etc); often making it difficult to trace a particular volume of oil purchased back to plantations of origin. Also present are the multi layered processes with diverging production steps; and multi layered options for mixing raw materials for products. All these variants contribute to the production and rise in complexity. Our SG certified supply chains aim to demystify the complexities involved and provide a transparent and traceable process in ensuring all palm oil inputs are obtained sustainably.

Which RSPO certification has Emery Oleochemicals obtained?

We have obtained RSPO Supply Chain System certification for segregation (SG) and mass balance (MB) for our Asia Pacific and European sites.

Which Emery Oleochemicals products are available in RSPO certified grades?

All our products are available in Mass Balance grade. Currently, our Emercol™ product is available in Segregated grade. The availability of other Segregated certified products are targeted in the near future.



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