



## **Sustainable palm oil**

**Assuring confidence in responsible palm oil production**

### **Sustainable palm oil**

- to protect the rainforest
- to protect ecosystems
- to ensure better rights for employees, fair payments and safe working conditions
- to improve social standards
- to help feed the world in a sustainable way

**IOI Loders Croklaan**

*Let's create  
together*



## RSPO Roundtable on Sustainable Palm Oil

- Founded in 2004 for promoting the production and use of sustainable palm oil
- Joint effort between plantations, refineries, processors, banks, NGO's and others
- Securing the standards for sustainability
- Certifying palm oil and its supply chain
- Independent bodies to audit the certification process
- RSPO members publish commitments and time bound plans
- RSPO members represent about half of the worldwide production volume in 2011; the RSPO efforts have a large potential
- RSPO aspires to transform the market, aiming to make sustainable palm oil the norm

### IOI Loders Croklaan and sustainability

- 12 production plants and 150.000 hectares producing 900.000 MT of palm oil
- Full RSPO certification by 2013
- Harvest optimization; IOI yields 50% more oil per acre compared to the industry's average
- Supporting social causes, such as Borneo Child Aid Society

### Three supply chain types to obtain sustainable palm oil

Three supply chain models exist from plantation to the end-user in descending level of physical sustainability. A certified plantation by default produces sustainable oil that can be traced back to the plantation, but the supply chain determines how the batch of sustainable oil arrives at the end-user. Once the batch of sustainable material is sold within a lower supply chain model, it can not be upgraded.

#### 1. Segregated

In the Segregated supply chain, the sustainable palm oil is kept separate from conventional palm oil throughout the entire supply chain. It is refined separate from conventional oil and the buyer of the product is guaranteed that the delivered oil originates from RSPO certified plantations. Both RSPO membership and certification are required.

RSPO		The RSPO trademark	
RSPO system	TM	TAG	Statement
IP, SG		CERTIFIED	'Contains certified sustainable palm oil. <a href="http://www.rspo.info">www.rspo.info</a> '
MB		MIXED	'Contributes to the production of certified sustainable palm oil. <a href="http://www.rspo.info">www.rspo.info</a> '
B&C			'Contributes to the production of certified sustainable palm oil. <a href="http://www.rspo.info">www.rspo.info</a> '

= Mandatory in product claims that face consumers

#### 2. Mass Balance

In the Mass Balance supply chain, our refineries source segregated certified oil as input and allow mixing with conventional volumes for efficiency sake. Once mixed during refining, the sustainable oil gets a Mass Balance status. Both membership and certification are required.

#### 3. Book & Claim

The Book and Claim system is supporting the production of sustainable palm oil in the world with certificates, but doesn't guarantee a physical supply of sustainable palm oil in a specific delivery.

More information: [www.greenpalm.org](http://www.greenpalm.org). Registration with Greenpalm is required. One Greenpalm certificate refers to one tonne of sustainably produced palm oil.

IOI Loders Croklaan  
 W: [croklaan.com](http://croklaan.com)  
 E: [fats.lcasia@croklaan.com](mailto:fats.lcasia@croklaan.com)

IOI Loders Croklaan

Let's create  
together