### Sustainable palm oil Challenges and solutions

Prepared by Peter Heng 2nd conference on responsible palm oil organised by The Forest Trust 8 Nov 2011, Paris





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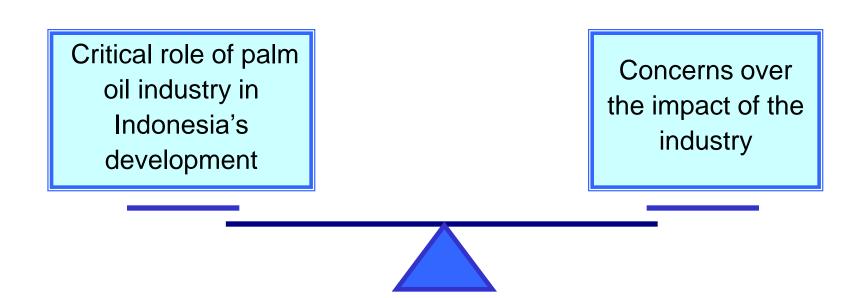
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## Strategic importance of palm oil to Indonesia



### Focus on working with multi-stakeholders to find solutions to sustainable palm oil production.

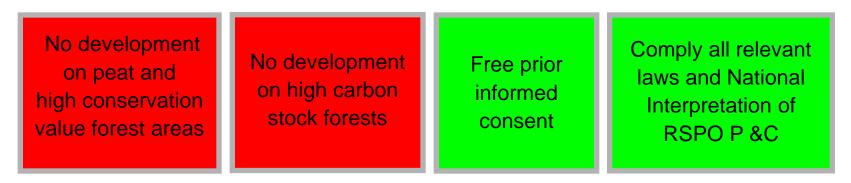




### **GAR Forest Conservation Policy**

• GAR's FCP in collaboration with The Forest Trust (TFT) to ensure that GAR has a no deforestation footprint. Various stakeholders including Greenpeace have provided inputs.

#### FCP focuses on



• Applicable to all the plantations that GAR owns, manages or invests in regardless of the stake.

• Ultimately, the conserved High Carbon Stock (HCS) area can revert to its natural ecological function as a forest.





### Putting policy into action

• GAR carried out fieldwork in collaboration with TFT and other stakeholders.

• A provisional definition of exceeding 35 tC/ha is used as HCS forest definition. This definition may change.

• GAR will share the results of the fieldwork when finalised.

• GAR commits to leading the investigation and to promoting the adoption of this new HCS concept across the palm oil industry.

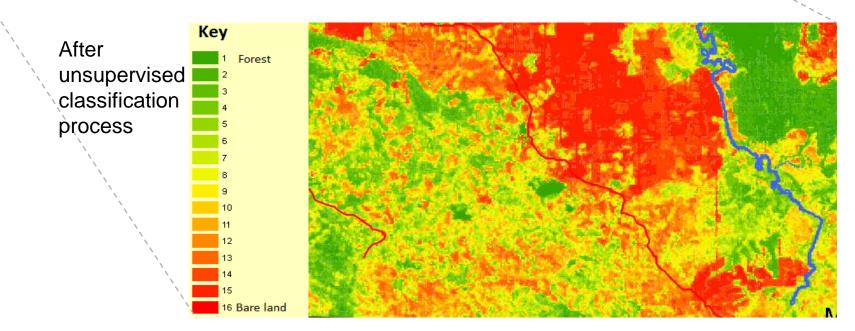




#### FCP fieldwork: stratification



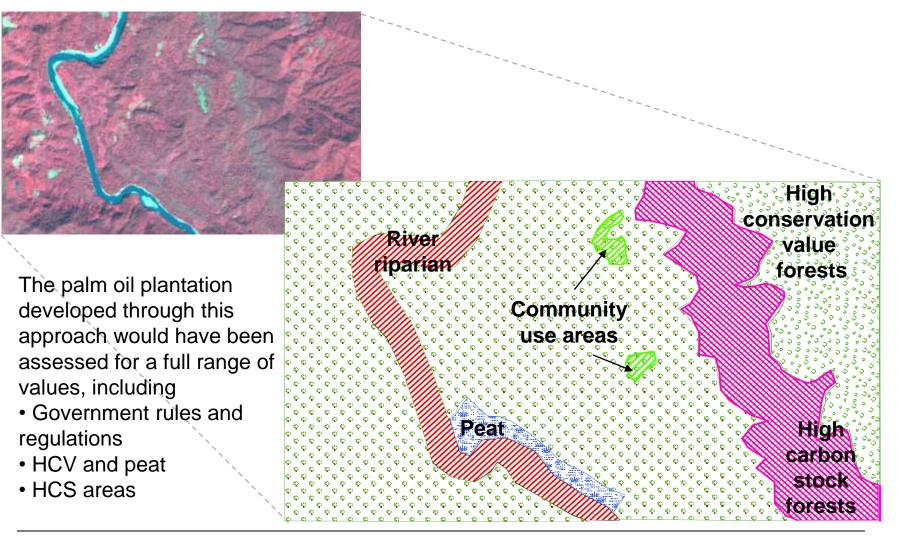
PT KPC satellite image







## FCP fieldwork: multi-stakeholder participation



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#### Update on FCP fieldwork

In total, 418 plots were measured in four concessions in Central and West Kalimantan.

Period	Concession	Plots measured
Feb - Jun	PT KPC	254
	PT PIP	48
Jul - Oct	PT PGM	11
	PT BAT	105





#### Holistic approach: complementary policies

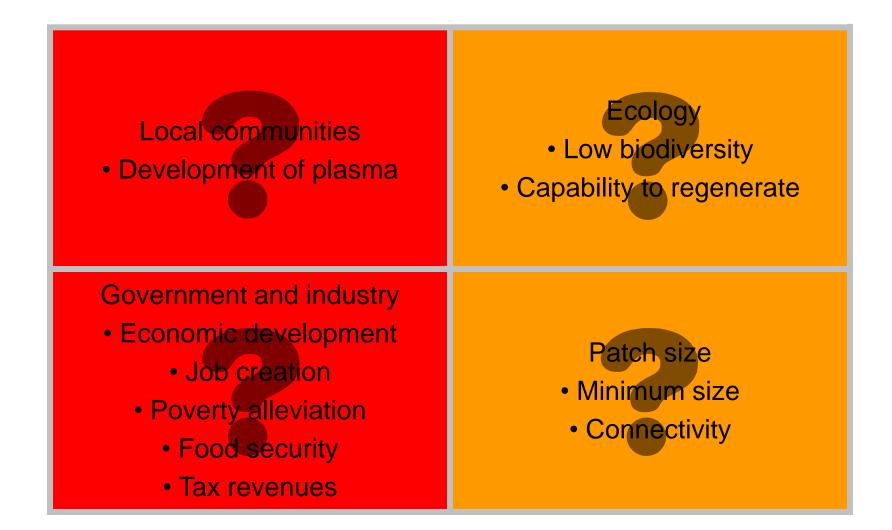
- Holistic approach: the Social & Community Engagement Policy (SCEP) and Yield Improvement Policy.
- Guide and shape GAR's decisions in engaging communities.
- Engaged multi-stakeholder approach to develop policies.
- The SCEP process includes consultations with the Government of Indonesia and local stakeholders like Yayasan Dian Desa which were facilitated by Indonesian NGO, LINKS.
- Implementation of policies to be announced.







#### Challenges





## Solutions through multi-stakeholder collaboration

Local communities • Multi-stakeholder collaboration to find solutions to convince local communities on value of conservation	Ecology • Multi-stakeholder collaboration to find solutions to manage and conserve HCS areas
Government and industry • Support to establish and implement land swap process • Support of key industry players	Patch size • Commission studies of patch size and connectivity





#### Traceable supply chain

TFT press release (17 May 2010)

#### Non-Profit TFT to Follow Palm Oil Back to Source for Nestlé; Swiss Giant Commits to Excluding Suppliers that Destroy Forests

'The Forest Trust (TFT) announced today that Swiss consumer goods company Nestlé has agreed to a plan that will rid its products of palm oil purchased from suppliers whose activities are destroying vulnerable tropical forests in the developing world.'





# End to end segregation: from estate to vessel

Storage

tank in

mill



Palm oil mill

• Fresh fruit bunches (FFB) from selected estates only • FFB are segregated from point of receipt

 Dedicated processing time to ensure segregation  Tanks are marked for dedicated storage

 Dedicated crude palm oil (CPO) transportation trucks • Dedicated handling equipment, including oil reception station, oil pump and CPO bulking tanks

Bulking

tank

Shipping vessel

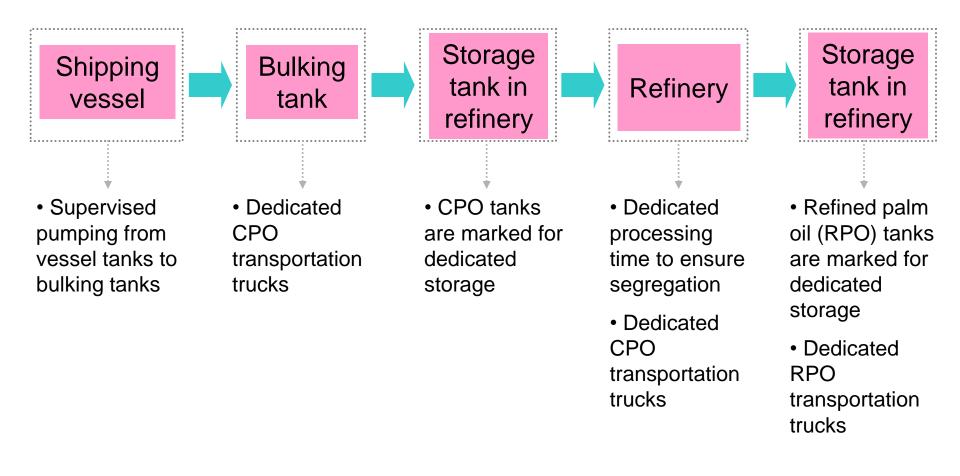
 Dedicated tanks in shipping vessel

 Supervised pumping from bulking tanks to vessel tanks





# End to end segregation: from vessel to refinery







#### Thank you





