



# REDD+ and tropical forests



S. Johnson

INTERNATIONAL TROPICAL TIMBER ORGANIZATION

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## ITTO Mandate

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***To promote sustainable development through trade, conservation and best-practice management of tropical forests***



**Means of achievement = sustainable forest management (SFM)**



# What does SFM provide?



- Long-term supply of timber products
- Long-term supply of non-timber products
- Long-term supply of forest services (biodiversity, soil and water, socio-economic, etc.)
- Climate change mitigation benefits
- Climate change adaptation benefits



## Issues for tropical countries



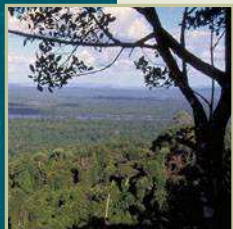
- What do SFM activities (eg establishment of PFE, RIL, pre-/post-harvest inventories, worker training, improving governance and controls) contribute to climate change mitigation/adaptation?
- Need to involve/engage with private sector since 90% of tropical forest outside protected areas



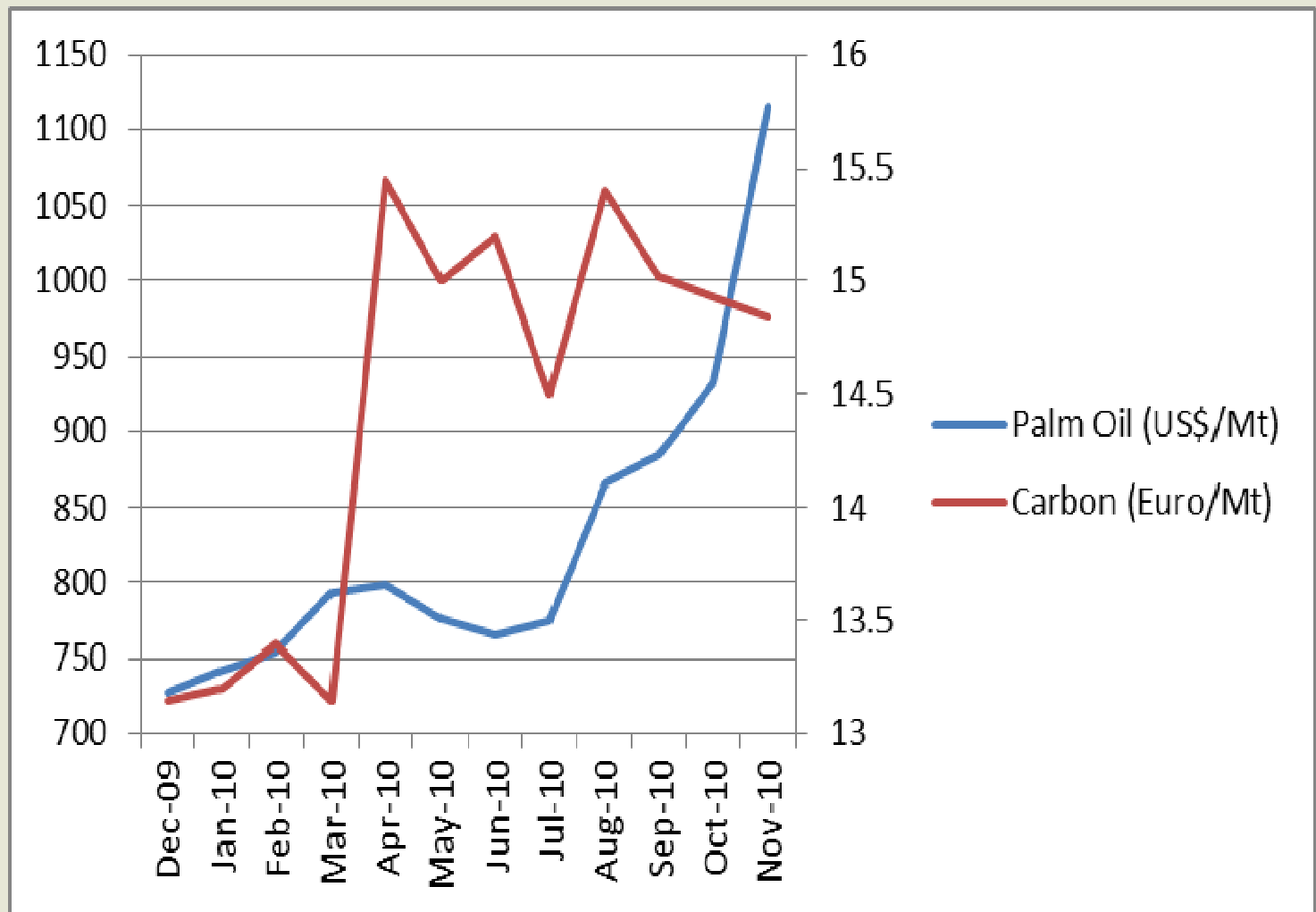
## Issues for tropical countries (cont).



- Political will and governance structures often a barrier to SFM
- Willingness to pay for SFM has also been low, both domestically and internationally
- REDD+ will hopefully change that if funds generated can compete with alternative land uses



## The competition



Sources: IMF and Point Carbon



## The competition (cont.)



- IPCC default value for tropical wet forest = 200 tC/ha → about 3000 euro per hectare maximum gross carbon benefit; periodicity?
- Oil palm yields 4-8 t/ha/year (improved strains can produce much more); assuming 6 t/ha → over \$6000/ha/year
- Oil palm (and other agro-crops) also making case for carbon benefits
- Conclusion: if we want to maintain natural tropical forests, we need revenues from all non-destructive uses including sustainable timber → engagement with private sector essential

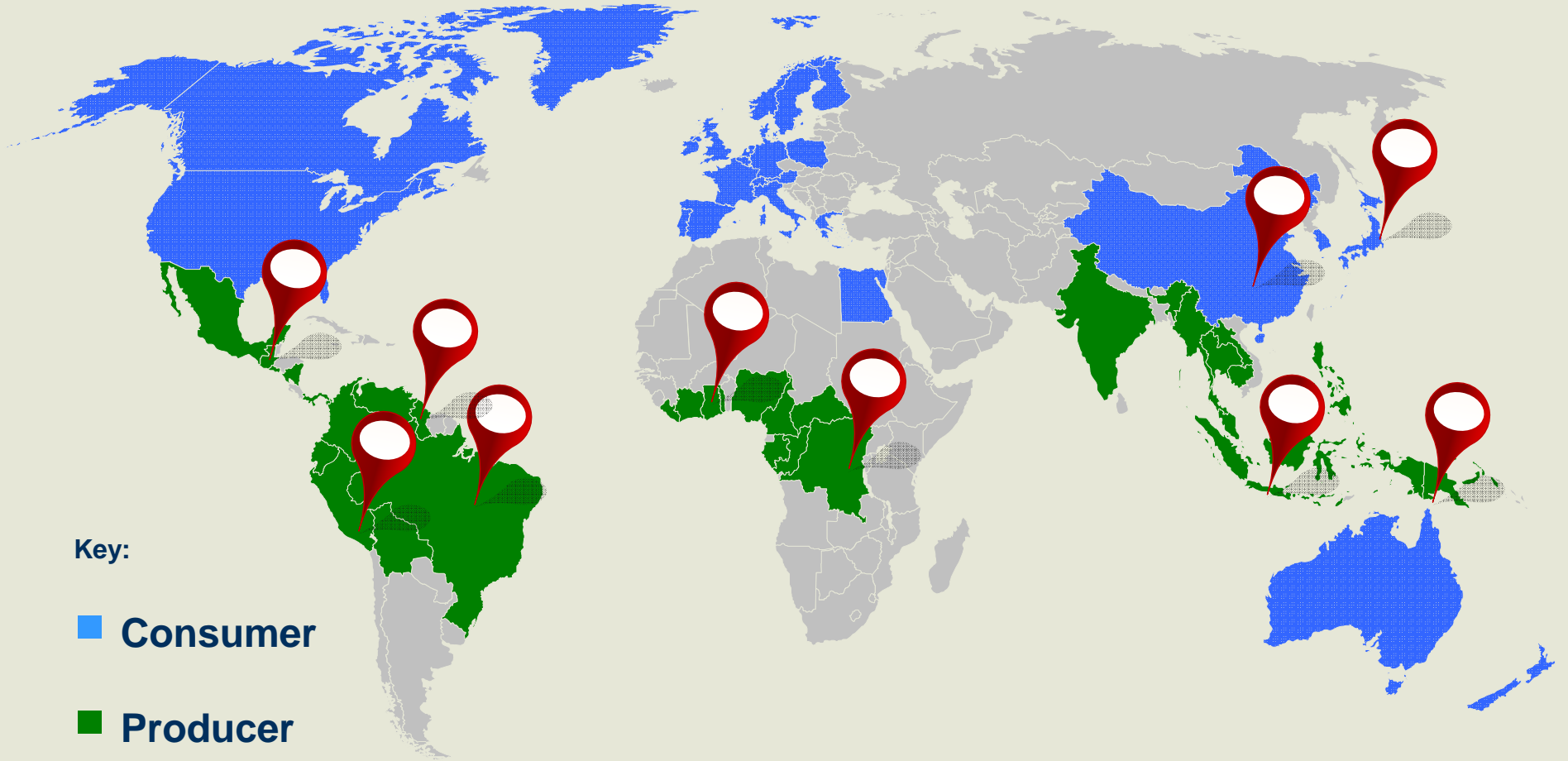


## ITTO's initiatives

- Already working with private sector (7&i; Marubeni; others to come)
- Establishing baselines and data from extensive ITTO project portfolio on contribution of accepted SFM practises to reducing GHG emissions
- Plans to study carbon sequestration by finished tropical wood products (some tropical wood products can last hundreds of years)
- REDDES – Reducing Deforestation and Forest Degradation and Enhancing Environmental Services in Tropical Forests



# REDDES projects underway



# REDDES project details



▪ Monitoring Pan-Amazonian forest (Brazil)	\$1,050,320
▪ Social processes for SFM (Guatemala)	\$72,500
▪ Resources assessment & monitoring (Guyana)	\$432,176
▪ Communities and PES (Peru)	\$351,663
▪ Carbon stock inventory (Dem Rep Congo)	\$474,660
▪ Collaborative management for REDD (Ghana)	\$719,833
▪ PES in degraded/secondary forests (China)	\$145,800
▪ SFM to enhance carbon stocks (Indonesia)	\$441,447
▪ REDD in south Sumatra peatland (Indonesia)	\$149,493
▪ Voluntary carbon marketing scheme (ITTO)	\$97,180



**Total allocation to date: USD 4 million**

# REDDES Budget

- Total Budget (3 years): USD 18,000,000
- Total Pledges: USD 8,600,000
- Total Required: USD 9,400,000





[www.itto.int](http://www.itto.int)