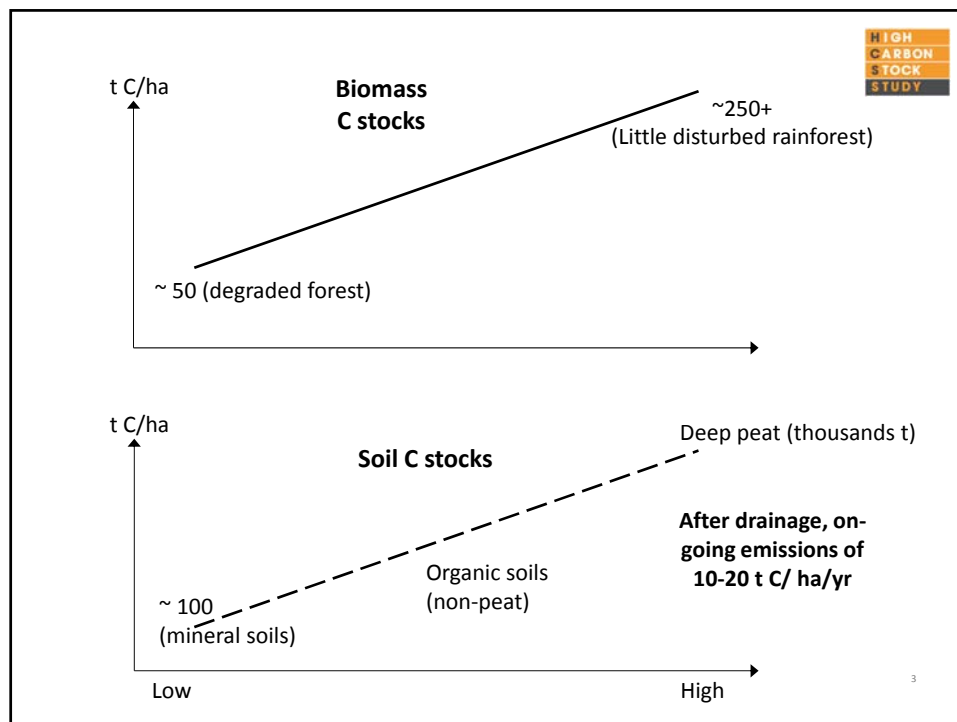


The HCS study will provide:



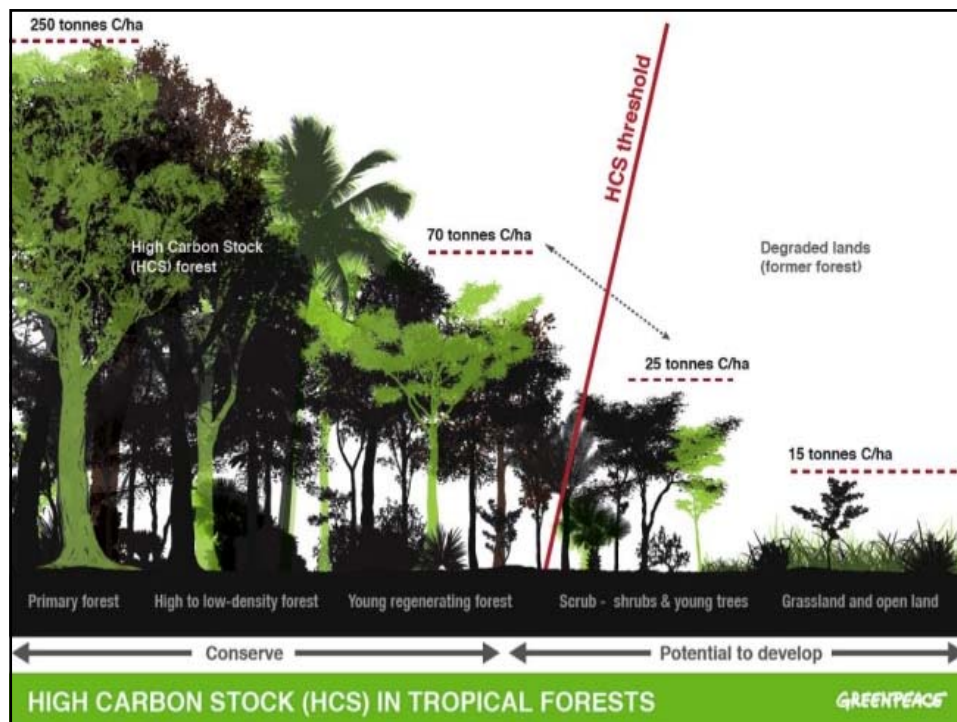
- A definition of HCS forests that is based on **potential GHG emissions** from biomass and soils; as well as a **practical method** for identifying and delineating HCS forests on the ground.
- **Suggested threshold values** for GHG emissions from HCS forests, that take account of the regional socio-economic context in SE Asian and African countries where new oil palm developments are planned.
- **Guidance** on how to accommodate the rights and livelihoods of local communities and indigenous peoples when implementing a future HCS approach to land use planning.

2



The continuum of soil C stocks, and the nature of their disturbance affects future GHG emissions

- Mineral soils – less vulnerable
- Organic soils, including peat - vulnerable



GHG emissions resulting from conversion to oil palm should be compared with those without development (as the baseline)

Baseline net GHG emissions could be:

- Zero (e.g. long established farm land)
- Negative (e.g. a C sink in re-growth forest)
- Positive (e.g. degrading peat soil)

Sustainability Criteria for forests

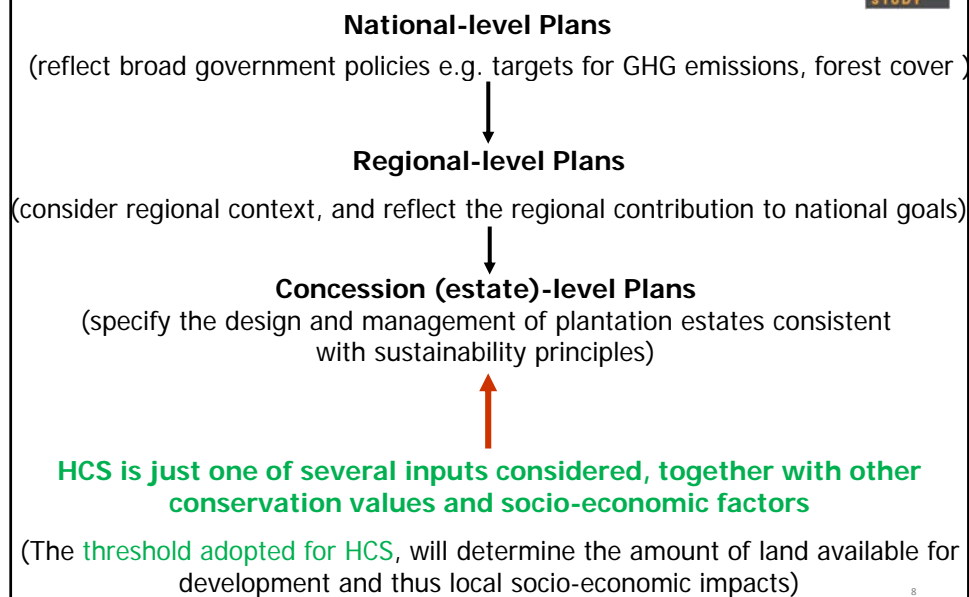
HIGH
CARBON
STOCK
STUDY

- Conservation of biodiversity (genetic, species, ecosystems)
- Maintenance of productive capacity
- Maintenance of ecosystem health and vitality
- Protection of soil and water resources
- Maintenance of forest contribution to global carbon cycles
- Maintenance of socio-economic benefits
- Legal, institutional and economic frameworks to support sustainable management

7

How HCS fits into land use planning

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STUDY



8

Summary - HCS is only one input into land-use and management planning

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- HCS **should focus** on the potential C emissions resulting from land conversion and management. HCS can be considered as another conservation value
- Together with HCV, HCS is a key input to FPIC
- FPIC is a key negotiation process where local social and economic considerations are considered
- Many stake-holder inputs (including government policies) need to be considered in land use planning

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