



Peatland Rewetting and Conservation (PRC) under the VCS

**Workshop On Options For Carbon Financing
To Support Peatland Management
Pekanbaru, Riau Province, Indonesia
4 October 2010**

Overview

1) The VCS Agriculture, Forestry and Other Land Use (AFOLU) Program

- ✓ Projects and methodologies

2) Peatland Rewetting and Conservation (PRC)

- ✓ PRC Project types
 - ✓ Status
- ✓ PRC Methodologies



1) VCS AFOLU:

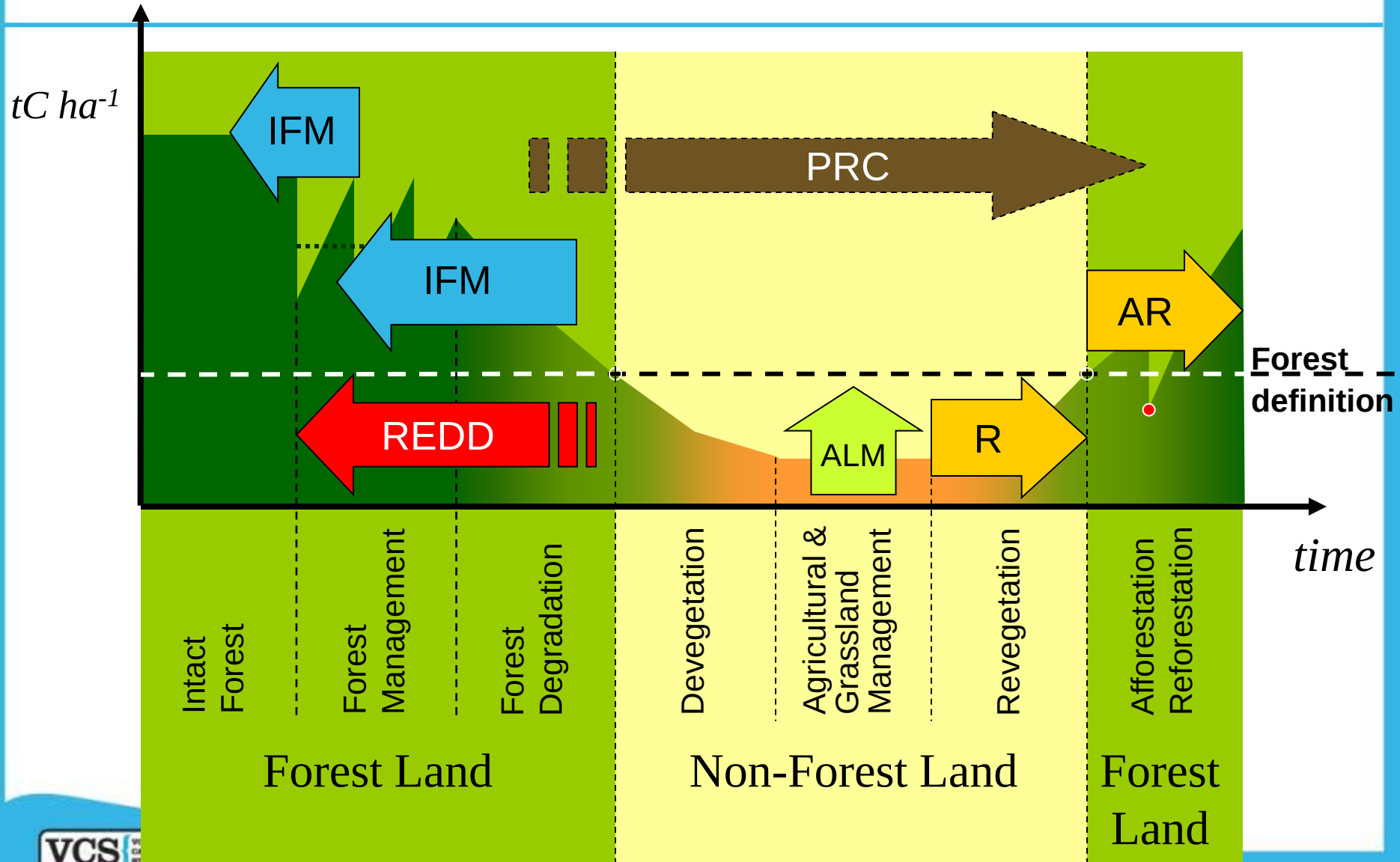
REDD Projects and Methodologies

- VCS is being applied to the majority of REDD projects under development, globally, including the following:
 - ✓ **Brazil:**
 - ✓ **Amazonas:** Juma Reserve (Amazonas state + FAS) – 600,000 ha
 - ✓ **Acre:** Interested in using VCS+CCBS for their REDD projects
 - ✓ **Amapa:** Amapa State Forest Blocks (State govt + CI) - 1,200,000 ha
 - ✓ **Mato Grosso:** Northwest region REDD (ICV + TNC)
 - ✓ **Para:** Calha Norte Project (State Govt + CI + IMAZON) – 7,400,000 ha
 - ✓ **Para:** Forest Carbon Pilot Project Sao Felix do Xingu (TNC + SEMA-PA)
 - ✓ **Rondonia:** Cinta Larga (Viridor) – 2,700,000 ha
 - ✓ **Indonesia:**
 - ✓ **Aceh:** Ulu Masen, Aceh (Carbon Conservation) - 750,000 ha
 - ✓ **Aceh:** Leuser (Global EcoRescue) – 2,000,000 ha
 - ✓ **Papua:** Jayapura REDD Pilot Project (FFI/ Macquarie Bank) – 400,000 ha
 - ✓ **Papua:** Mimika, Mambaramo and Merauke (New Forests) – 250,000 ha
 - ✓ **West Kalimantan:** Kapuas Hulu (Fauna and Flora Intl) – 160,000 ha
 - ✓ **Central Kalimantan:** Katingan (Clinton Climate Initiative) – 200,000 ha
 - ✓ **Central Kalimantan:** Lamandau (Clinton Climate Initiative) – 25,000 ha
 - ✓ **East Kalimantan:** Malinau (Dist Govt + Global EcoRescue)
 - ✓ **Other locations:** Many more...

REDD & IFM Methodologies in Approval Pipeline

Methodology Name	Developer	Sectoral Scope	Status
Methodology for Estimating Reductions of GHG Emissions from Frontier Deforestation	Amazonas Sustainable Foundation	AFOLU (REDD)	Second Validation
REDD Methodology Modules	Avoided Deforestation Partners	AFOLU (REDD)	Second Validation
Baseline and Monitoring Methodology for Project Activities that Reduce Emissions from Deforestation on Degrading Land	Terra Global Capital, LLC	AFOLU (REDD)	Second Validation
Methodology for Estimating Reductions of GHG Emissions from Mosaic Deforestation	World Bank, BioCarbon Fund	AFOLU (REDD)	First Validation
Improved Forest Management- Logged to Protected Forest Methodology	GreenCollar Climate Solutions	AFOLU (IFM)	Second Validation
Improved Forest Management through Avoidance of Re-logging and Rehabilitation of Logged-Over Forest	Face the Future	AFOLU (IFM)	Second Validation
Estimation of GHG Emissions Reductions from Planned Degradation (IFM)	Carbon Planet Limited	AFOLU (IFM)	Second Validation
Improved Forest Management – Logged to protected forests on fee simple forested properties	3GreenTree and ERA Inc	AFOLU (IFM)	First Validation
Additional 4 ALM methodologies and 1 ARR, for more information see http://v-c-s.org/public_comment.html	Multiple	AFOLU	-

2) Peatland Rewetting and Conservation (PRC)



PRC Project Types

- Eligible Activities
 - ✓ Rewetting of drained peatland (RDP):
 - ✓ Applicable in areas which have a water level which is lower than the natural average annual water level due to accelerated water loss or decreased water supply resulting from human activities
 - ✓ Project activities include those to increase water levels, producing emissions reductions by reducing peat oxidation from drainage and fires
 - ✓ Projects must rewet the area sufficiently to reduce the rate of peat oxidation and subsidence
 - ✓ Projects must account for any increase in CH₄ or other GHGs due to rewetting

PRC Project Types

- ✓ Conservation of Undrained Peatland (CUP):
 - ✓ Includes activities that reduce net GHG emissions by avoiding or reducing drainage in undrained or partially drained peatlands and are designed to stop or reduce planned or unplanned drainage in the project area and areas that are hydrologically connected to it
 - ✓ Avoiding planned peatland drainage- where areas are legally documented to be drained or converted
 - ✓ Avoiding unplanned peatland drainage- where drainage may be illegal

PRC Project Types

- ✓ PRC activities (RDP, CUP) in combination with other AFOLU project activities:
 - ✓ ARR and ALM may be combined with RDP
 - ✓ ARR activities with harvesting that would require drainage, i.e for draining in order to harvest, are not eligible
 - ✓ ALM may include erosion control on sloping peatlands or paludiculture
 - ✓ IFM and REDD may be combined with CUP
 - ✓ Such activities avoid emissions by avoiding deforestation and degradation in addition to avoiding drainage

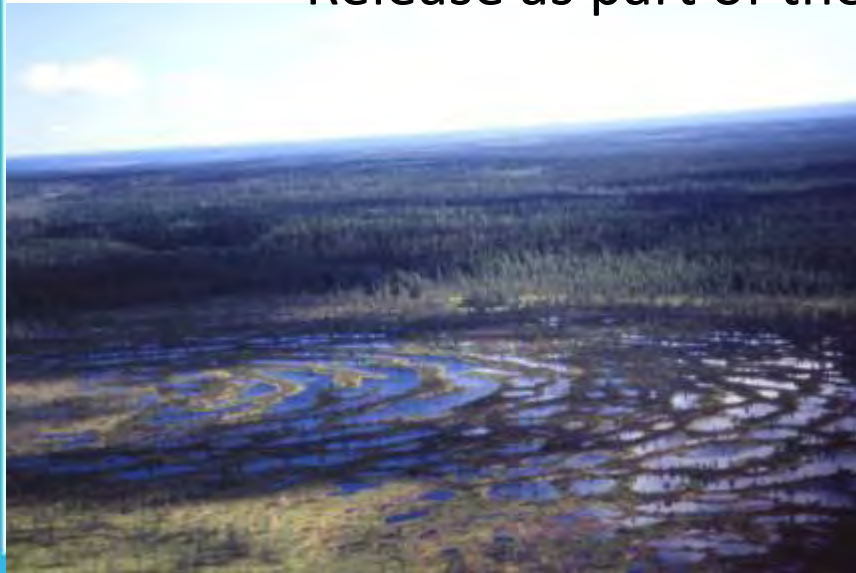
Permanence

- ✓ Permanence:

- ✓ No emissions reductions may be claimed for longer than the time it would have taken for peat to be completely lost under baseline conditions, requiring projects to conservatively model peat depletion times in the baseline and project scenarios
- ✓ Projects must address risks due to hydrological connectivity with non-project areas, via either a buffer zone or agreements with surrounding landowners regarding water management

Peat Re-wetting and Conservation (PRC)

- PRC status under VCS
 - Draft requirements have undergone peer review, public comment and revision
 - Approval by VCS AFOLU Steering Committee and Board (~Dec 2010)
 - Release as part of the VCS Program 2011 (early 2011)



PRC Methodologies

- Approved REDD + PRC (CUP) Methodology
 - ✓ VM0004 Methodology for Conservation Projects that Avoid Planned Land Use Conversion in Peat Swamp Forests, v1.0
 - ✓ Applicable to preventing planned land use change on undrained tropical peat swamp forests in southeast Asia
 - ✓ The baseline methodology outlines methods to estimate the avoided net greenhouse gas emissions resulting from project activities implemented to stop planned land use conversion in tropical peat forests.
 - ✓ VM0004 is the first Peat methodology approved, globally

Thank you

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