REDD-ALERT 3rd Annual Project meeting

28-30 September, 2011

Lam Dong, Vietnam

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Stern Review

"Curbing deforestation is a highly cost-effective way of reducing greenhouse gas emissions and has the potential to offer significant reductions fairly quickly. It also helps preserve biodiversity and protect soil and water quality. Encouraging new forests, and enhancing the potential of soils to store carbon, offer further opportunities to reverse emissions from land use change."

(Stern, 2006)

Reducing Emissions from Deforestation & Degradation (REDD)

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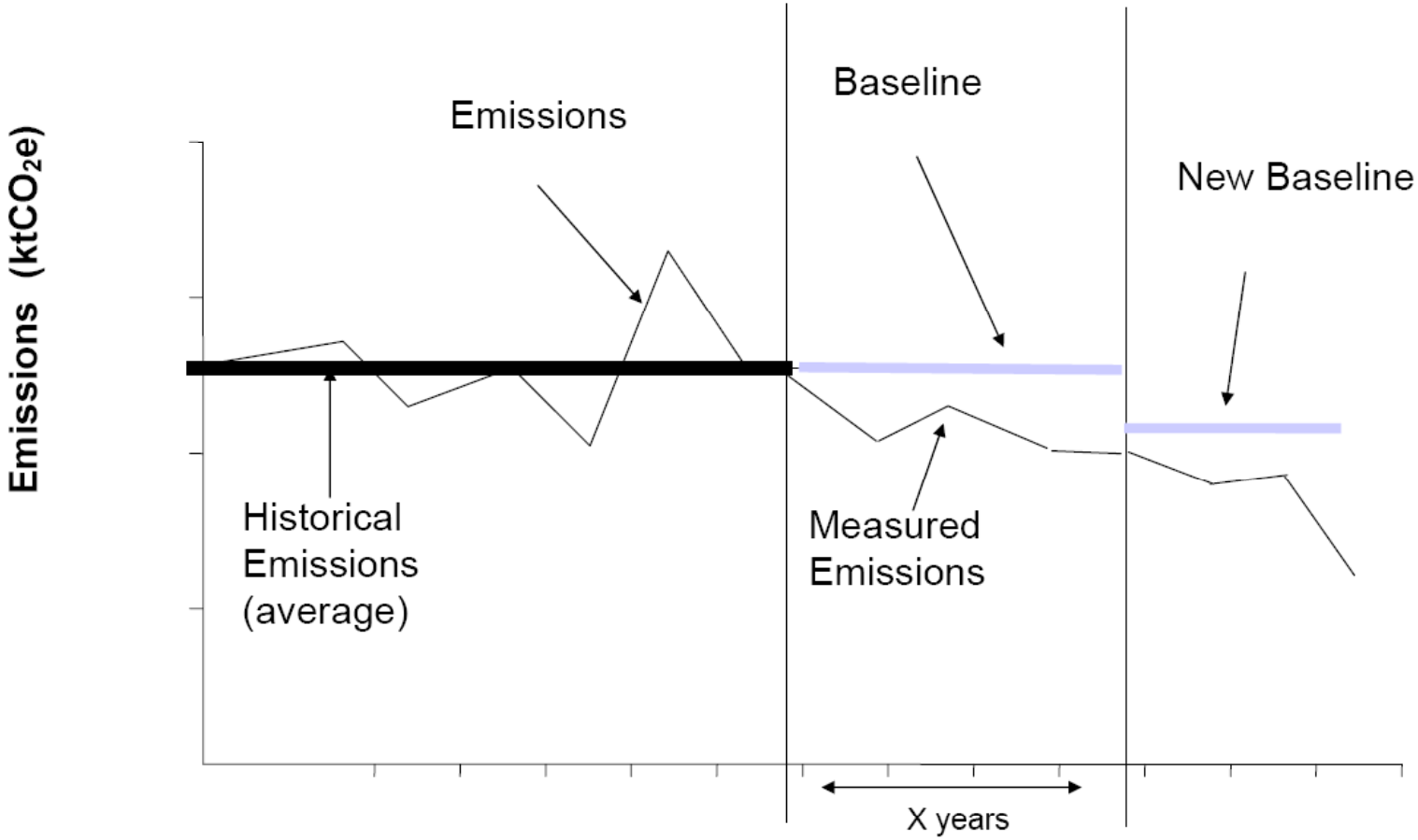
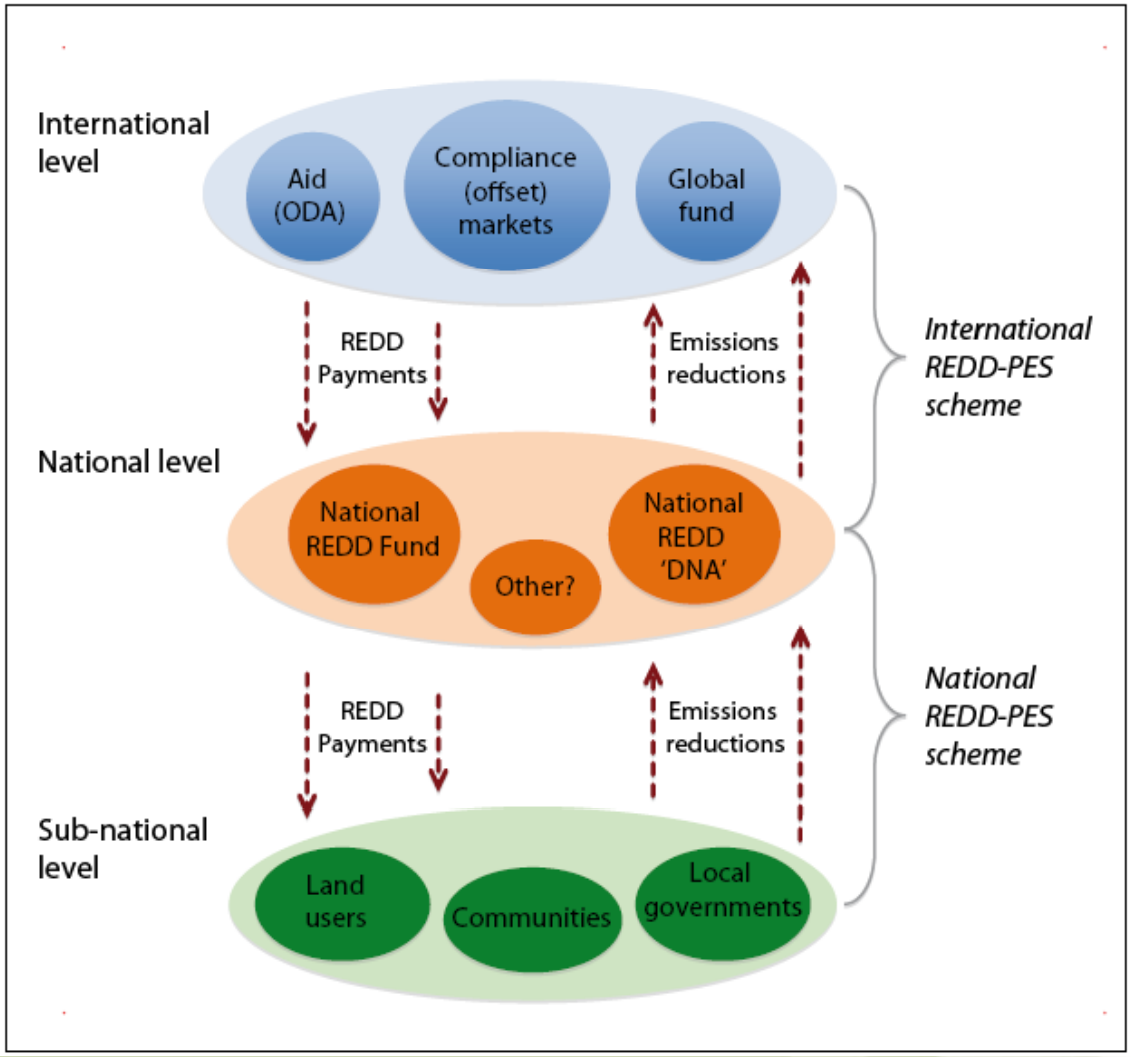
- COP9 (2003, Milan) – proposal for Compensated Reduction
- COP11 (2005, Montreal) – 2-year period of discussion
- COP13 (2007, Bali) – Bali Road Map – work towards data collection, emissions estimation, monitoring, institutions
- COP15 (2009, Copenhagen) – Not much progress, further negotiations deferred
- COP16 (2010, Cancun) – establishment of a Green Climate Fund

Proposed REDD approach



from Moutinho (2007)

REDD mechanisms



Angelsen & Wertz-Kanounnikoff, 2008

Challenges

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- Additionality – making sure that it wouldn't occur anyway
- Leakage – avoiding displacing emissions elsewhere
- Permanence – keeping the C locked up
- Monitoring – degradation vs. deforestation
- 'Hot air' – surplus of cheap C credits flooding the market
- Baseline determination
- Quantification of uncertainties
- Sovereignty

REDD-ALERT

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EU-FP7 Project
REDD-ALERT

Reducing Emissions from Deforestation and Degradation through Alternative Landuses in Rainforests of the Tropics

- Macaulay Land Use Research Institute, United Kingdom
- Université Catholique de Louvain, Belgium
- Vrije Universiteit Amsterdam, Netherlands
- Georg August University of Göttingen, Germany
- World Agroforestry Centre, Kenya
- Centre for International Forestry Research, Indonesia
- International Institute of Tropical Agriculture, Nigeria
- Centro Internacional de Agricultura Tropical, Columbia
- Indonesian Soils Research Institute, Indonesia
- Research Centre for Forest Ecology and Environment, Vietnam
- Institut de Recherche Agricole pour le Développement, Cameroon
- Instituto Nacional de Investigacion y Extension Agraria, Peru

Linking global agreements to local action

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<u>Overall goal</u>: To contribute to the development and evaluation of mechanisms and the institutions needed at multiple levels for influencing stakeholder behaviour to slow tropical deforestation rates and hence reduce GHG emissions

Project objectives

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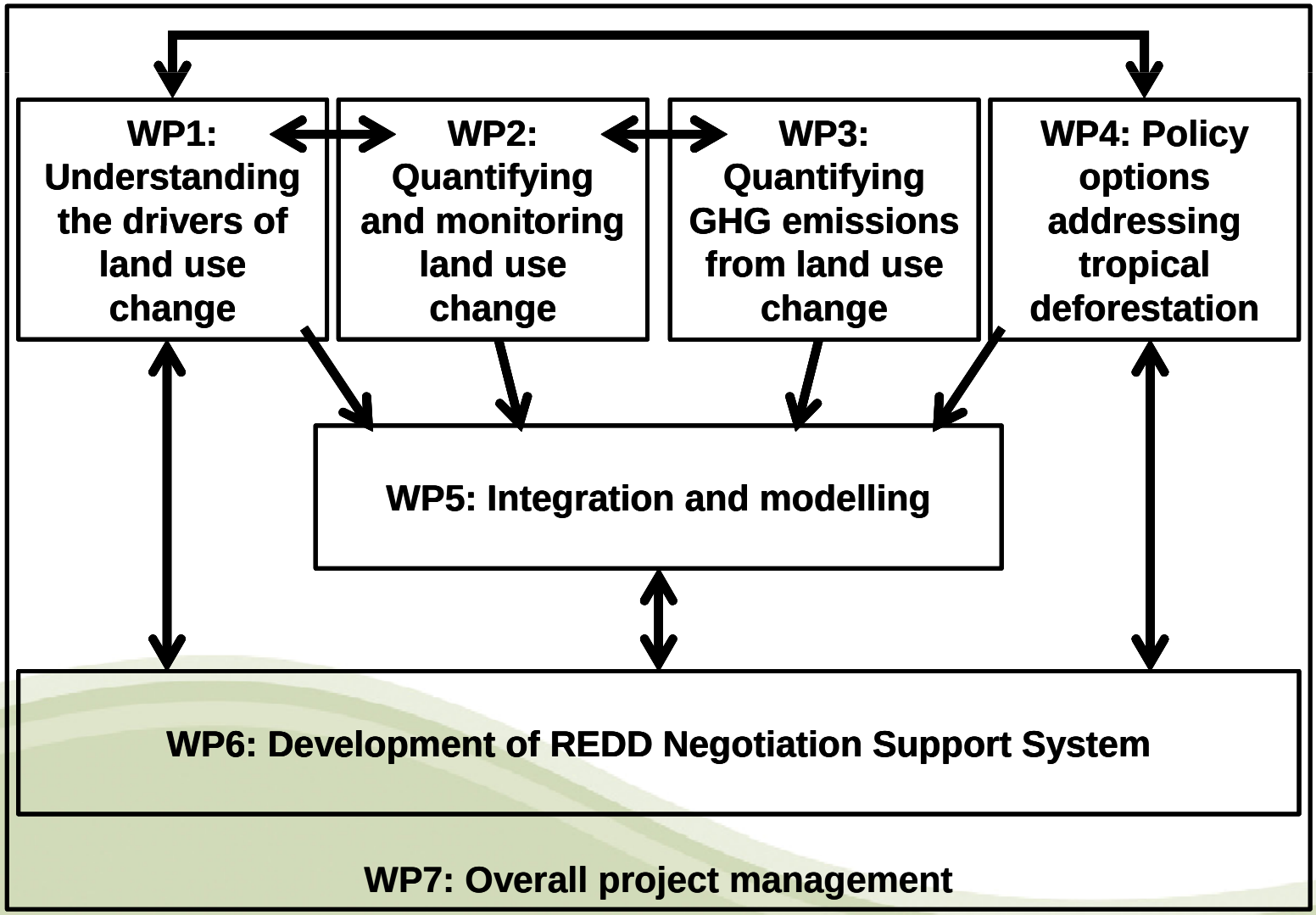
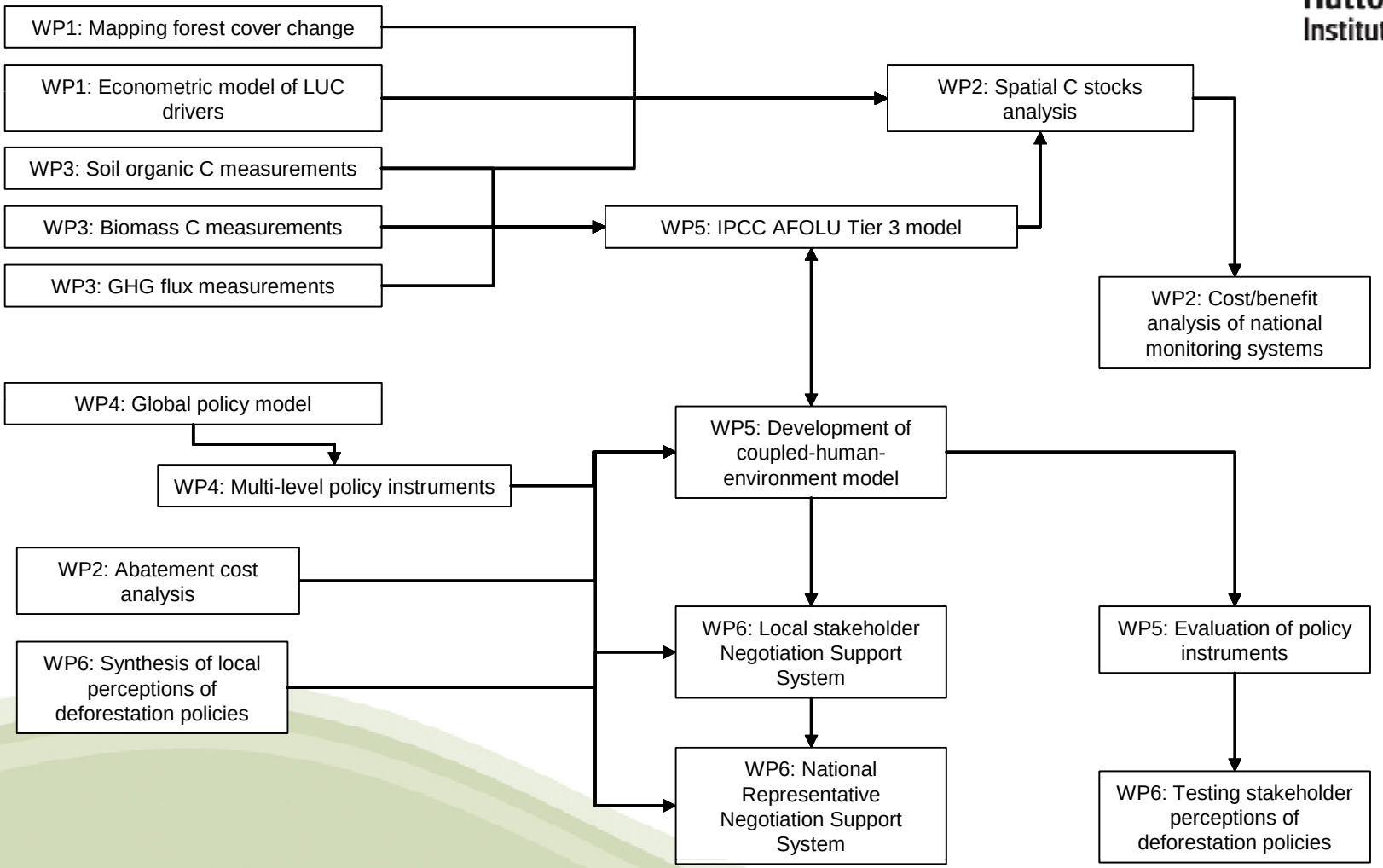
- Documenting the diversity in **social, cultural, economic and ecological drivers of forest transition** and conservation, and the consequences, in the contexts of selected case study areas in Indonesia, Vietnam, Cameroon, and Peru as representative of different stages of forest transition in Southeast Asia, Africa and South America.
- Quantifying **rates of forest conversion and change in forest carbon stocks** using improved methods.
- Improving accounting (methods, default values) of the **consequences of land use change for GHG emissions** in tropical forest margins including peatlands.
- **Identifying and assessing viable policy options** addressing the drivers of deforestation and their consistency with policy approaches on avoided deforestation currently being discussed in UNFCCC and other relevant international processes.
- Analysing scenarios in selected case study areas of the **local impacts of potential international climate change policies** on GHG emission reductions, land use and livelihoods.
- **Developing new negotiation support tools** and using these with stakeholders at international, national and local scales to explore a basket of options for incorporating REDD into post-2012 climate agreements.

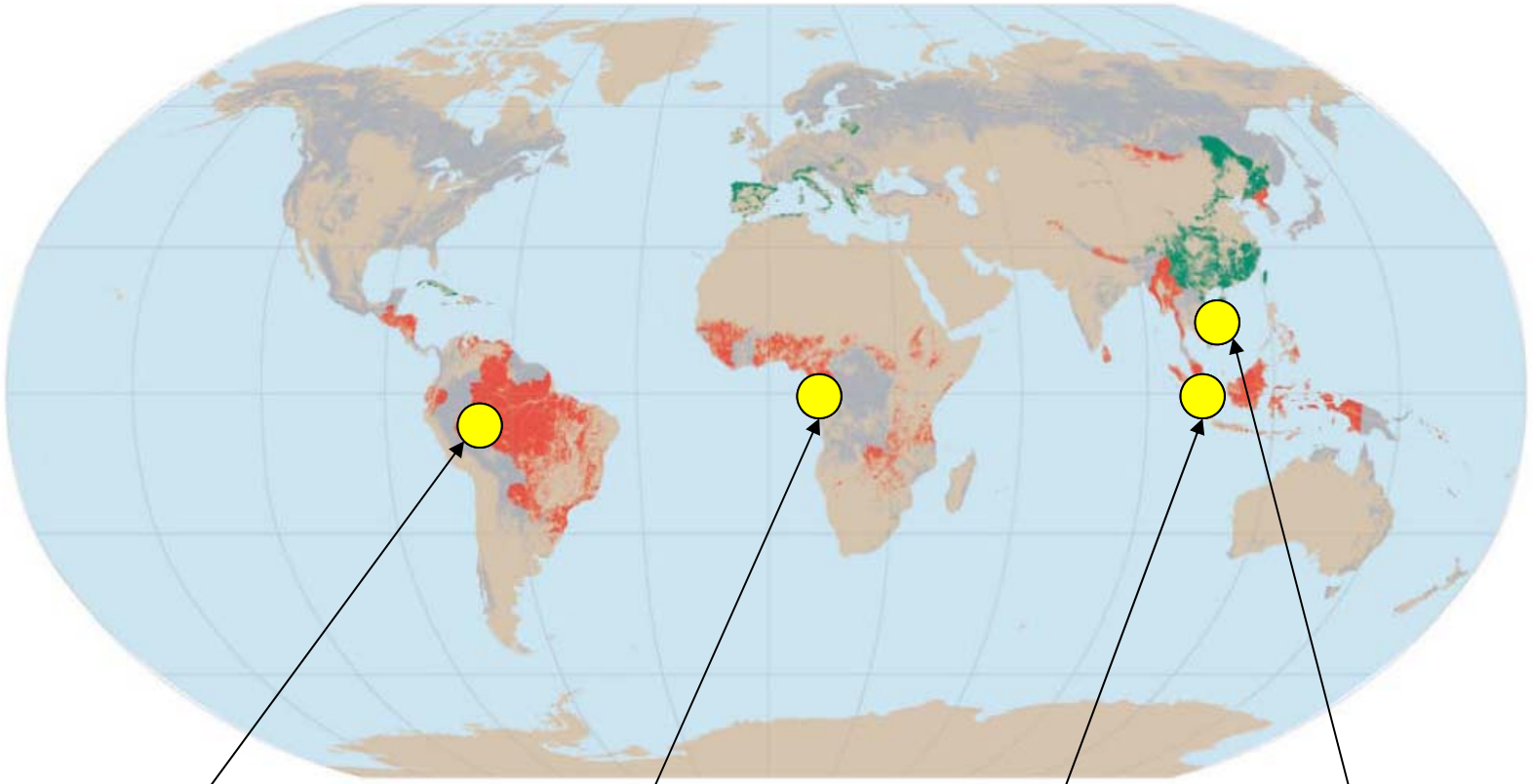
Project components



Pert diagram



Site locations



Ucayali, Peru *Southern Cameroon* *Indonesia* *Vietnam*

Previous meetings

- Indonesia, May 2009: Kickoff meeting, planning of work, field trip through Sumatra
- Washington, Sept 2009: Work-package Coordinators' meeting
- Amsterdam, April 2010: Work-package Coordinators' meeting
- Peru, Oct 2010: 2nd Annual Project Meeting, linking field work to work-package deliverables
- Amsterdam, April 2011: Work-package Coordinators' meeting, followed by modelling workshop
- Vietnam, Sept 2011: 3rd Annual Project Meeting, Linking the work together, planning outputs.

Annual Project Meeting

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- Starting to try and draw things together:
- Theme 1: What is happening at the national/local scale?
- Theme 2: REDD+ options to address the drivers
- Theme 3: Impacts of REDD+ options
- Theme 4: Improved estimates and modelling of C stocks and GHG fluxes from land use change:
  - Mineral soils
  - Organic soils