Output and Activity	Annual activity program by month (2014)											
	1	2	3	4	5	6	7	8	9	1 0	1 1	1 2
Output 1: Community nursery established in	each	n pilo	ot sit	te								
Activity 1.1 Running of the project coordination group												
Activity 1.3 Meeting of the Steering Committee												
Activity 1.7 Study of seed phenology and list of species with information about attributes												
Activity 1.11 Research in the nursery												
Output 2: Models of forest restoration plots e	estab	lishe	ed in	ead	h pi	lot s	ite					
Activity 2.2 Survey of community envision												
Activity 2.6 Monitoring and maintenance of the forest restoration and research areas												
Activity 2.7 Forest restoration												



#### 5. Lessons learned

- It take years before economic benefits of forest restoration can be revealed and this can discourage local communities to participate with the project without short term economic benefits.
  - => introducing agroforestry system
  - => planting of plants/treed producing NTFPS
  - => improving livelihood through diversification of income
- Forest rehabilitation is not just about the forests but also about people depending on the forests for livelihood and income generation. A holistic approach has to be adopted when planning for forest rehabilitation.















### Project Goal and Objectives

- I. Develop forest cover mapping techniques to monitor forest cover type changes in the region, using both optical and radar remote sensing techniques.
- II. Develop a framework for forest above ground biomass (AGB) estimation using ground measurements, spaceborne LIDAR sampling data and imaged remote sensing data.
- III. Produce forest cover maps of 2005, and 2010 at 30-50 m. spatial resolution and forest cover maps annually from 2005 to 2010 at 500 m. spatial resolution .
- IV. Produce a forest above ground biomass map for 2005 at 500 m. spatial resolution.





Economy	Status								
	Forest cover map in 2005 and 2010	Field measurement for biomass	Field measurement for classification	report	Remark				
Cambodia	Completed level 1	Submitted							
China-Guangxi	Submitted	Submitted	Submitted		Checked an feedback b IFRIT				
China-Yunnan	Submitted	Submitted	Submitted		Checked an feedback b IFRIT				
Lao PDR	Submitted	Submitted	Submitted		Checked an feedback b IFRIT				
Malaysia	Need to submit the forest cover map in raster format	Submitted	Submitted	Submitted the completion report					
Myanmar	Submitted 2010 classification map, 2005 is under process				Checked an feedback b IFRIT				
Thailand	Refining forest cover map	Completed and preparing to submit	Completed and preparing to submit	Writing					
Vietnam	Need to submit the forest cover map in raster format	Submitted	Submitted						

Main Activities				
Date	Venue	Workshop		
September 13-15, 2011	Beijing, China	Inception workshop		
June 5-8, 2012	Vientiane, Lao PDR	Progress & Training Workshop		
Nov. 30 – Dec. 2, 2012	Bangkok, Thailand	Mid-term Progress & Evaluation Workshop		
May 8-10, 2013	Kunming China	3 <sup>rd</sup> Progress Workshop		
November 4-6, 2013	HoChiMinh, Viet Nam	4th Progress Workshop		
June 17-20, 2014	Beijing, China	Completion Workshop		



Progress & Training Workshop in Vientiane, Laos June 5<sup>th</sup>– 8<sup>th</sup> 2012





## 3<sup>rd</sup> Progress Workshop in Kunming, Yunnan Province of China May 8-10, 2013





# Remote sensing data collection and distribution

#### · Build remote sensing database of

- Fine resolution RS data for test sites of 2010 circa:
- RapidEye, SPOT
- Mid-resolution RS data of 2005 and 2010 for whole region:
  - Landsat, CBERS, HJ
- Coarse resolution RS data for the whole region:
  - MODIS, MERIS, FY
- Spaceborne Lidar data for whole region:
  - ICESat GLAS

# All of these data have been distributed to corresponding partners in this project.













Level I	Level II	Level III	Level VI*
a land is		1Evergreen Needleleaf Forest	1Nature
1Forest	1Needleleaf forest		2Plantation
		2Deciduous Needleleaf Forest	1Nature
			2Plantation
	2Broadleaf forest	1Evergreen Broadleaf Forest	1Nature
			2Plantation
		2Deciduous Broadleaf Forest	1Nature
			2Rubber
		and the second second second second	3Dipterocarp
			40ther plantation
	3Mixed forest		
	4Bamboo		
	5Wetland forest	1Mangrove Forest	
		2Peat Swamp Forest	
		3Fresh Water Swamp Forest	Berther and the state
	6Gallery Forest		
and the second	1Shrub land		
2Non-Forest	2Savannahs		
	3Grassland		
	4Crop land		Part Carlos
	5Urban and Built-Up		
	6Water		
3Cloud/snow	10ther unclassified		Section and the section of the secti
4No data			
Notes	Open to add other typ	es	





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