

Sustainable Forest Management in Taiwan

Eaviroumental Quality

 an E-NGO's Perspective Ms. Li-Wei Huang, Environmental Quality Protection Foundation 6 December 2012 at COP18 Side Event



Sustainable Forest Management in Taiwan

Ecosystem Services

Natural Reserves

- Recreation
- Water Conservation
- Soil Conservation

Utilisation • Timber • Timber byproduct



Taiwan is Vulnera

- 73% of the areas and population in Taiwan are exposed to at least 3 natural hazards (Dilley et al., 2005).
- Vulnerable to typhoons, floods, and mudslides.
- After the typhoon Morakot in 2009, the total collapsed areas in Taiwan increased by more than 486,00 ha.



Natural vs. Man-Made Afforestation

- Nature will do the work.
- Priorities are given to vulnerable areas and where there are communities.
- Forest should be managed with the combination of the above methods.







Is Forest-Oriented Livelihood Possible? Existing Forest Area Emerging Forest Area New Plantation and Existing Management and Nursery Recreation (limited job Employm (short term, limited job creation, non profession) ent creation) Ranging, Thinning, and Forest Industry? New other Byproducts Employm (Forest Industry is ent underdeveloped)







The Road of Recovery after Disasters

- Difficulties for Private Sector Afforestation. We Need New Strategy for Afforestation.
- The work of recovery just began. Environmental and humanitarian organizations are seeking for a sustainable solution.
- Just like the Civilian Conservation Corps (CCC).





Outcome		
Location	Area (ha)	Progress
Qishan (No. 7 Forest Compartment), Kaohsiung City	11.7	Planting completed; The 2 nd year of forest tending
Laonong River (No. 56 Forest Compartment), Kaohsiung City	32.3	Seedling spread completed
Guanshan 1/2, (No. 20 Forest Compartment), Taitung County	55.1	
Alishan (No. 9 Forest Compartment), Chiayi County	25.1	In progress
Dapu (No. 38 Forest Compartment), Chiayi County	15.0	Sumplement of the second
Yujing (No. 70 Forest Compartment), Tainan City	20.0	
Total	159.2	EDPI
		Toranov



An Innovative Cooperation between **Government and Civil Societies** Discussion New Model • Can sustainable forestry support Clarify the **()** communities' livelihoods ? afforestation goals, seeking benefit maximization of the • How do the local communities engage in afforestation projects? public goods • Is forest industry certainly bad **Tree planting** Values & Function of Forest experiential education 計算器 Tree Calculator munity participation vD participatio Activity WULL THE Develop Useful Quantitative Tools in Tree, CO₂, Water and Environmental Hormones Thanks for Listening!! GHG Calcul **GHG** Calculator Get access to the slides at SEORS 環境品質文教基金

Environmental hormones

er Calculator

www.envi.org.tw www.eqpf.org



Areas

- Article 1 Council of Agriculture agree to :
 - (1) The Red Cross can hire disaster area's residents and professional groups to reforest in the national forestland.
 - (2) In the preceding paragraph, the Council of Agriculture has provided a total area of 200 hectares of forestland. The Council of Agriculture will provided the land after assessing the geological stability within 3 years.
- Article 2 Two parties agree to 3
 - (1) Two parties will focus on the reforestation , and the actual reforestation starts in 2010 and end in 2015.
 - (2) Set up a overarching goal, but sign afforestation contracts case by case.



Afforestation Contract

- Stating the subject, responsibility and obligation of afforestation
- Article 11,
- Article 11, If an afforestation contract was being terminated or failed to make any renewal, Party B would return the afforestation land to Party A. The land should be return with the current facilities that have been approved. Party B cannot require any compensation. If, because of law alternation, Party B earned any rights on the afforestation land, this condition would not be limited by the previous stipulation. stipulation.