

# China's Case & Experiences

Low Carbon Energy Development



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# Part I: Successful Project

## Clean Development Mechanism (CDM)

- ❖ A cooperative mechanism established under the *Kyoto Protocol*
- ❖ to promote sustainable development in developing countries
- ❖ to allow developed countries to contribute to the goal of reducing atmospheric concentrations of greenhouse gases.
- ❖ the first commitment period is 200-2012



# Part I: Successful Project

## China-France Clean Development Mechanism Fund

- ❖ China-France CDM Fund is jointly signed by the Ministry of Science and Technology (MOST) and the French Development Agency (AFD)
- ❖ aims to build the CDM project development capacity for China southwest areas under the *Kyoto Protocol*
- ❖ to build the capacity on poverty alleviation by voluntary carbon emission reduction mechanism
- ❖ goals on pushing technology progress and sustainable development
- ❖ initiated on August 2006 with 2 years duration



# Part I: Successful Project

## ❖ “Rural Carbon” CDM Development and Capacity Building in Yunnan Provinces

### • Yunnan Xishuangbanna Bamboo Afforestation Project

Develop bamboo afforestation project under voluntary emission reduction regulation  
Commercialize bamboo afforestation acts as carbon carbon sequestration  
Create a specific voluntary emission reduction methodology

### • Yunnan 24,000 Rural Household Biogas CER Project

Transfer the energy replacement activity into carbon credits  
Building the capacity of carbon project development  
Provide a promotable demonstration project for rural energy-replacement



# The Project Achievement

- ❖ *The first successful rural household biogas carbon emission reduction project in China registered under **Gold Standard**.*
- ❖ *The **first** successful bamboo carbon sequestration **transaction** in Yunnan province*
- ❖ *Successfully established China's own voluntary emission reduction mechanism----**Panda Standard**.*
- ❖ *Successfully developed **Bamboo Afforestation Methodology on Degraded Land**.*



# Capacity Building Training Baseling Survey Household Investigation







# Other Effect

- ❖ Yunnan Province became one of the **first pilot** low-carbon provinces of China in 2010.
- ❖ During the first commitment period (2008-2012), **80%** of China's **registered CDM projects** located in Yunnan province.
- ❖ Different types of **low carbon projects** are developed by our team.





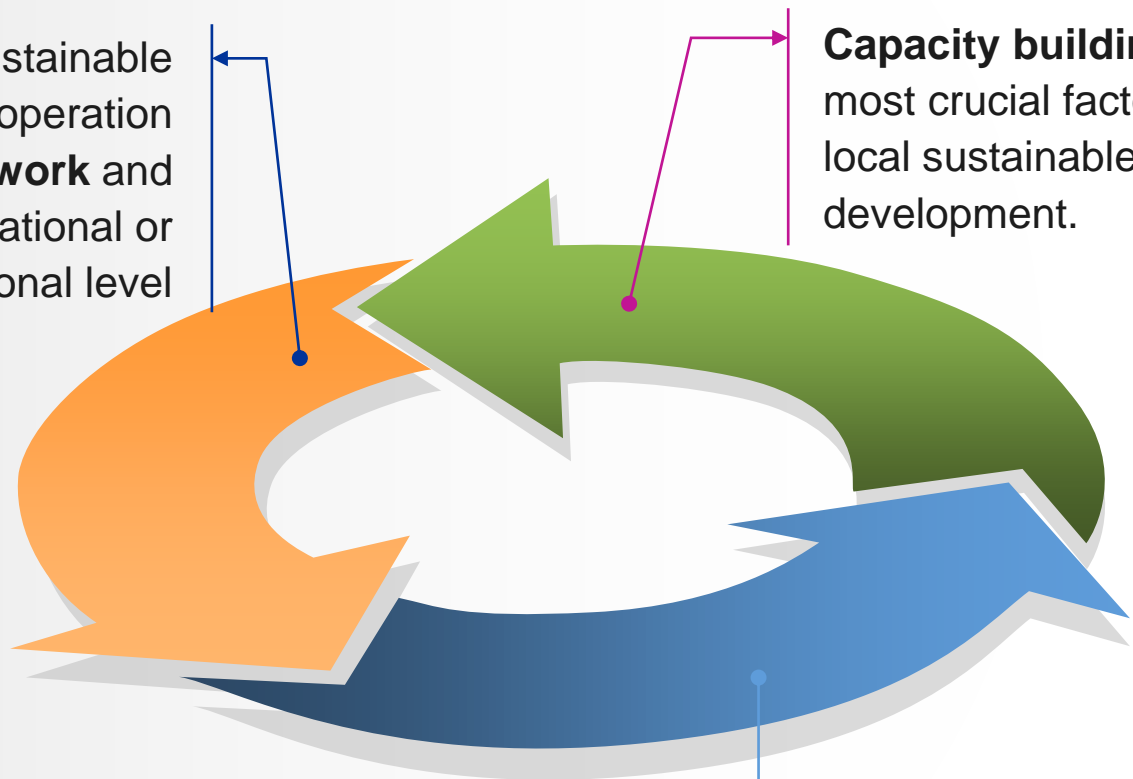


# Key Success Factors

Stable & Sustainable bilateral cooperation **framework** and **mechanism** on national or regional level

**Capacity building** is the most crucial factors for local sustainable development.

**Project-based** cooperation & multi partners involved could create more possibilities.





## Part II: Support Needed

- ❖ Information sharing platform, information service channel for international fund and cooperation project should be **regularly updated.**
- ❖ More **capacity-building projects** under strong cooperation framework
- ❖ Bilateral or regional **exchange activities** on site visit.
- ❖ **Multi-agency involved** pilot projects under national level are crying needed.



# Thank You !

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