1. BRIEF OF SINOHYDRO

2. EXPERIENCES IN ASEAN

3. SUGGESTIONS
BRIEF OF SINOHYDRO
# General Description

## General
- As a contractor or sub-contractor: 58 Years
- As a Project Designer: 58 Years
- As an Operator: 10 Years
- As a retailer / manufacturer of Aviation Equipment: 17 Years
- As a developer: 17 Years

## Experience Period
- ASEAN: 20 Years
  - Thailand, Laos, Cambodia, Burma, Malaysia, Singapore,
  - Viet Nam, Indonesia, Philippines, Brunei

## Other Countries
- Asia: Nepal, Pakistan, Bangledeshi, India, Iran;
- Africa: Zimbabwe, Ethiopia, Algeria, Sudan, Angola;
- Mideast: Qatar, etc.

- Other Countries: 20 Years
Kamchay Hydroelectric BOT Project in Cambodia

**Basic Data**
- Capacity: 192MW;
- Total investment amount: 280,540,000USD;
- Construction period: 4 years;
- Commercial Operation Period: 40 years;

**Progress**
- IA, LA, PPA was signed;
- Financial Closed;
- Construction is ongoing.
Nam Ngum 5 Hydroelectric BOT Project in Lao

Basic Data

- Location: Nam Ting River
- Capacity: 120MW;
- Total investment amount: 200MUSD;
- Construction period: 4 years;
- Maintenance & Operation Period: 25 years;

Progress

- CA, SA, PPA & LA were signed;
- Financing negotiation & site preparation;
Nam Ou Hydropower BOT Project in Lao

- **Basic Data**
  - Location: Nam Ou River
  - Capacity: 1000~1300MW;

- **Progress**
  - Project Development Agreement (PDA) was signed on Oct. 15th, 2007;
  - Memorandum of Understanding (MOU) of Power Purchase Agreement was signed with EGA of Thailand
Pak Lay Hydroelectric Power BOT Project

- **Basic Data**
  - Location: Mekong River
  - Capacity: 1320MW;

- **Progress**
  - Memorandum of Understanding (MOU) was signed with LAO PDR on Jun. 11th, 2007;
  - Feasibility Study on the Way
Hutgyi Hydropower BOT Project in Myanmar

- **Basic Data**
  - Location: Thanlwin River;
  - Capacity: $8 \times 170$ MW;
  - Dam Type: RCC Gravity Dam with Height 117.6m

- **Progress**
  - Memorandum of Understanding (MOU) Signed;
  - Feasibility Study Finished;
Ta Sang Hydropower BOT Project in Myanmar

- **Basic Data**
  - Location: Thanlwin River;
  - Capacity: $10 \times 711$ MW;
  - Dam Type: RCC Gravity Dam with Height 228m

- **Progress**
  - Memorandum of Understanding (MOU) Signed;
Highlighted Issues
3 Highlighted Issues

- a) Sharing mechanism on the data and information available simultaneously among parties concerned; especially the regional hydrology, geology data.
- b) Integrated planning for the development of hydropower resources in Mekong Area; such as the development planning on the border-crossing rivers.
- c) Integrated coordination among all parties concerned in the same river basin.
3 Highlighted Issues

- d) Inter-government Coordination for cross-border power purchase to resolve legal disputes, etc. in CA&PPA

- e) International institutions (such as MIGA) involvement to bring the added value of such cooperation, such as good for transparency implementation, confidence for project financing institutions, public monitoring.
3 Highlighted Issues

- f) Broader sustainability perspective in the interest of governments, developers, power purchasers:

- g) Environmental and social safeguards always a challenge to developers, need power purchasers and the governments involvement in liaison
Thank You