



# ID CHINA PROGRAMME FOR A SUSTAINABLE DEVELOPMENT

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Since 2002, ID has carried out development and environmental protection in China and especially in Guizhou province.

Based on this experience,  
ID is developing new programmes in new provinces.



**P**overty and environmental deterioration characterise the life of the populations of Guizhou and Yunnan. ID is working in the poorest regions. That often leads ID to work with the ethnic minorities.

ID mobilises local stakeholders on global issues : a fair development in a preserved environment.

Concrete solutions are implemented to face urgent environmental and sanitary problems.

Initiative Development's main objectives in China are :

- Promotion of operational and organizational skills of Chinese NGOs.
- Access to a renewable energy : the biogas.
- Access to water & hygiene in rural areas.



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## SUSTAINABLE DEVELOPMENT ISSUES

By ID's representative in China



SHI Yang has been working for two year with ID : as a Chinese professional graduated in development in a French university, he is a real asset for the ID China Programme.

« China is a country where the wealth is badly distributed. For example, the GDP per inhabitant in Shanghai is twelve times higher than that of Guizhou! Moreover, the average income per year per family in Guizhou is 700 Yuans : 70 €.

So, the presence of ID in China is totally relevant. ID activities in China are focused on biogas tanks building, wells building, water supply networks... Currently, the biogas activity is quickly developing and ID plans to double the number of tanks built next year.

SHI Yang adds that this programme is « a support for the development of a more professional work of the local NGOs ».

## ID CHINA PROGRAMME

### The strategy

► **Biogas... access to a renewable energy** : biogas has an important potential: huge interest of beneficiaries, renewable source of energy... The Chinese authorities promotes and partly subsidizes biogas.

Biogas projects are initiated in Weining and Danzhai (Guizhou Province) and in Yunnan.

► **Improving living conditions through water access projects:**

The programme targets the poor populations located in the poorest rural areas of Guizhou. ID seeks to improve domestic hygiene and to promote water access.

The specific objective is to provide the beneficiaries with sufficient quantities of better quality water near their homes. The aim is to reduce diseases, to limit water transport chores, to develop new economic prospects and, finally to improve the quality of life. This activity is conducted in Weining District (Guizhou).

► **Support to local NGOs** : Chinese NGOs are emerging in China and they aspire to learn professional know-how. ID is training those NGOs in project management, financial management and accountancy through participative methods. The programme gives to the local NGO a high level of responsibility.

► **Innovative financial strategy:**

To launch new projects, ID's strategy is based on foundations' sponsorship and private funds. Moreover, the carbon offsets\* allows ID to carry out new investment in renewable energy.

### Why China?

ID chose to work in China...

- Huge inequalities
- Very low poverty line
- Focus on areas where NGOs are not concentrated



### Key Dates

**2000 and 2001 :**

Two exploring missions.

Identification of some areas of great poverty in Guizhou province.

**May to November 2002 :**

Feasibility study.

Development of local partnerships. Strengthening of the strategy and on the content of the short term programme.

Water access programme launched in Weining (Guizhou).

**2005 :**

First experience of biogas projects in Weining. Mobilization of new financial resources.

**2007 :**

Launching of new biogas activities in Danzhai.

**End of 2008 :**

Preparation of biogas activities in Yunnan.

**2009 :**

Creation of a corporate body in China.

### \*CARBON OFFSETS: a innovative funding of sustainable development projects

Carbon offsets consist in assessing greenhouse gas emissions due to an activity (i.e. plane transportation...) emitted by a firm or an individual. Then, the firm pays the equivalent of the gas emitted (i.e. 15€ per ton of CO<sub>2</sub> emitted). Henceforth, the funds are invested to finance CO<sub>2</sub> savings projects. Thus, the quantity of CO<sub>2</sub> initially emitted is « compensated » or offset by the reduction of at least the same quantity of CO<sub>2</sub>.

## BIOGAS : A CLEAN AND RENEWABLE ENERGY



A biogas tank in construction

Biogas is a technique aimed at producing methane and at protecting environment.

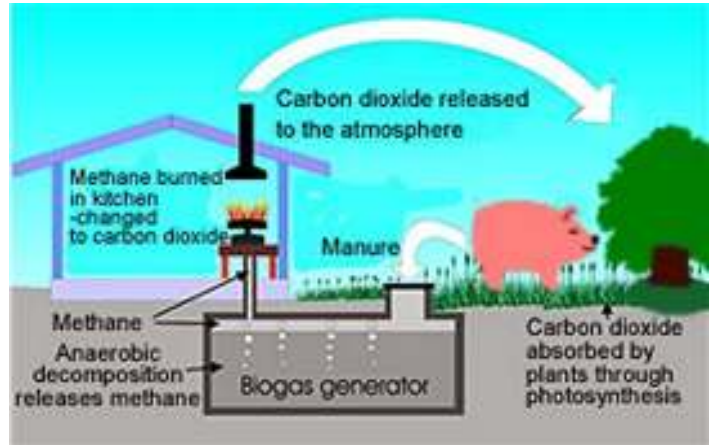
Methanisation consists in producing a gas from organic wastes. The different ingredients (animal and human wastes, food effluents and sewage mud) need to be digested in an anaerobic digester (micro-organisms are living on without oxygen).

The digester is filed with animal and human wastes and, through the methanisation, produces biogas. This biogas is used for cooking and lighting (stove and gas lamp).

Biogas is a clean and renewable energy and this process contributes to sustainable development.

Cattle yard and latrines can be built on top of the digester. The approximate cost of an 8 cube meter digester amounts 350 Euros and six or seven days are required to build the reservoir.

This has several interesting effects : energy optimization, sanitation improvement, environment protection and time and money savings (less wood collection chores and up to 800 Yuans savings : 80 € per family per year).



## 2008-2009 PROSPECTS

### YUNNAN PROJECT

Yunnan province is in the south-west of China. 33% of its population is composed of ethnic minorities : Miao, Dong and Hui... (in total there are 26 ethnies living in Yunnan).

Yunnan HDI ranks 29th out of 30 provinces. 7 millions people with very low income (550 to 700 Yuans : 50 to 70 €).

Those years, the environment has been deteriorated (deforestation). The surface of the forest has decreased by 24% in the 80's.

The programme in Yunnan would be to set up renewable energy in villages, in particular biogas tanks.

### LEGAL FRAMEWORK

ID's project in Yunnan is to set up an official office and to have a recognition with the local authorities. This will be usefull to work more efficiently and durably.

## ORGANISATION CHART

Head of China programme  
Coordination and supervision (Christophe Barron)

Assistant of Head of China programme  
In charge of the follow-up of partnerships (SHI Yang)

### SUPPORT TEAM

Financial Management

Biogas technician

Engineering Support

Data Base Management

ID Guizhou Team

GIHD (Guizhou Institute for Highlands Development)

GHL (Green Homeland)

ID Yunnan Team

Other local NGOs in Yunnan

ID China team supports different projects : ID projects and local NGOs' projects. The projects concern the financial management, technical management and engineering training. ID's projects have the vocation to to be transfered to the local NGOs once they have the necessary know-how.

## THE CHINA PROGRAMME - KEY FIGURES 2002 - 2009

**2002-2005**  
*First steps in  
China*

**2006-2008**  
*A quick  
development*

**2009**  
*Prospects*

		2002-2005 <i>First steps in China</i>	2006-2008 <i>A quick development</i>	2009 <i>Prospects</i>
<b>Water Access Projects</b>	Water supply networks	30 km	10 km	10 km
	Well area building	9	19	11
	Rain catching tanks (families and schools)	51	79	50
	Training (hygiene and technical management)	8	11	5
<b>Renewable Energy Projects</b>	Biogas Weining	100	500	200
	Biogas Danzhai		600	600
	Biogas Yunnan	Unit: Tanks		200

### China programme partners :

#### **Chinese NGOs :**

GIHD—Guizhou Institute for Highlands Development  
GHL—Pays Natal Vert / Green Homeland

#### **Official partners :**

Local governments  
Caohai Natural Reserve

#### **Technical Offices :**

Water Conservation Office in Weining and Guiyang  
Rural Energy Resources and Environment Protection Office  
of Agriculture Bureaus (Province and District)

#### **Other partners :**

GZICCEP — Guizhou Province International Cooperation  
Center of Environment Protection Bureau  
PRA—Guizhou Participatory Rural Appraisal Network  
NPO— Information and Consultation Centre for NPOs



### **The present financial backers of ID's China Programme**

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