

Provinces of Yunnan and Guizhou, another face of China

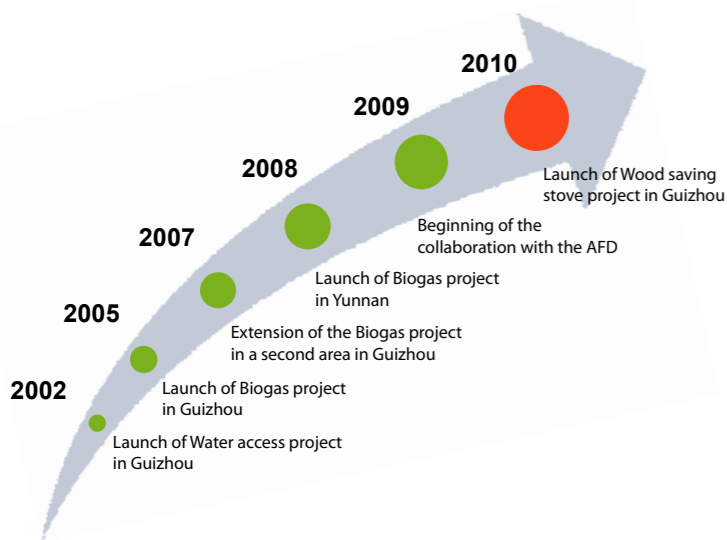


Poverty and the deterioration of the environment affect rural populations' lives in the provinces of Guizhou and Yunnan.

ID China brings concrete solutions in order to improve poor populations living conditions and address urgent environmental and sanitary problems that affect them.

Within a collaboration and exchange process, local people are mobilised for fair development in a preserved environment.

More than 8 years of experience in China



"Before ID's help to build a biogas tank, we depended on our oldest son who every month would bring us an important quantity of coal and on our youngest son who would pick up wood in the mountain. When we were using coal in the house, I was coughing a lot and most of all, I was worried by my grand-daughter's health ... Since then, life is easier!"

Mrs Wu, 70 years old, 4 sons and 1 grand-daughter

3 good reasons to invest with ID

- ❑ **Local impact for populations and global benefits for the environment:** populations' living conditions are improving while fighting deforestation, pollution, global warming.
- ❑ **Targets' relevance:** disadvantaged populations, living in isolated areas, within a damaged environment.
- ❑ **Acknowledged experience and skills:** water and sanitation, renewable energies, carbon finance, training.

法国发起发展组织



ID in China

Where improved living conditions meet environmental protection

Initiative Développement (ID) is a French non-governmental organization created in 1994 and Headquartered in Poitiers.

For more than 15 years, ID has been helping disadvantaged populations in developing countries aiming at motivating the emergence and strengthening of local actors working in the development field.

ID operates in Haiti, Benin, Comoros, Togo, Chad, Congo-Brazzaville and in China.

ID's missions throughout the world

Satisfaction of basic needs through the access to education, health, drinking water, sanitation, energy, employment.

The emergence and coaching of Southern partners: provoke the creation of professional NGOs, support local territorial collectivities and warranty skill transfers.

Innovative mind: bring new adapted solutions (renewable energies, take in charge HIV for children) in a changing context and in situations of political crisis or natural disasters.

ID's goals in China

- ⇒ Allow access to energies improving living conditions and producing less greenhouse gases.
- ⇒ Allow access to water in rural isolated areas.
- ⇒ Increase awareness of families and school children, with adapted trainings, to sanitary and environmental stakes in the regions where we undertake actions.
- ⇒ Work with local and international partners in order to spread our experiences and share our skills.

Our partners in China

Forest Departments in the provinces of Yunnan and Guizhou, CDM Centers (Clean Development Mechanisms) of Kunming and Chengdu, Yunnan Academy of Agricultural Sciences, ACCA21 (Chinese administrative Center for Agenda 21), Yunnan Green Environment Development Foundation, Yunnan Bamboo and Rattan Association

Initiative Développement

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International partners of ID China Projects:



Lord Michelham
of Hellingly
Foundation



GoodPlanet





When water brings hygiene, health and economical oportunities

Since 2002, within the frame of the Water project, ID has built several water networks, rainwater catching tanks, and various wells.

Number of beneficiaries: 20 000

The objective is to facilitate access to clean water.



Why a "Water Access project"?

In the entire country, in rural areas, hundreds of millions of farmers do not have access to water close to their homes.

A significant improvement of living conditions

- ⇒ Access to water in the villages allowing time savings
- ⇒ Improvement of hygiene: water quality and sanitation
- ⇒ Collective water management for a fair distribution: water networks management committees
- ⇒ Water-latrines equipment and training in schools

In 2009, this project won a National Energy Globe Award for China



Biogas, a clean, renewable and cost-effective energy

Biogas project plans on building 3600 domestic biodigestors in the provinces of Yunnan and Guizhou by 2013.

Number of beneficiaries : 18 000

The objective is to allow access to a renewable energy.



What is biogas ?

The biogas technique consists in producing methane from organic waste. Biogas is used as a substitute for coal and wood.

Social, economic and environmental contributions

- ⇒ Clean energy, easy to use when cooking or to get light
- ⇒ Time saving thanks to less wood collection and money saving thanks to less coal purchasing
- ⇒ Decrease of greenhouse gas emissions and fight against deforestation thanks to the diminution of wood and coal consumption
- ⇒ Production of a free natural fertilizer (once the manure methanised)
- ⇒ Improvement of hygiene and sanitation

Each tank prevents the emision of 3,5 tones of CO₂ in the atmosphere per year



Wood-saving stoves: social and environmental benefits

In 2010, 1 000 disadvantaged families from the province of Guizhou were equipped with wood-saving stoves. 1 000 other families will be equipped in the province of Yunnan by 2013.

Number of beneficiaries : 10 000

The objective is to improve energy efficiency of stoves.

What is a wood-saving stove?

A central metal core is built inside of a furnace which boosts energy efficiency and considerably reduces wood consumption.



Life facilitated thanks to wood savings when cooking

- ⇒ Reduction of wood consumption allowing to fight against deforestation : at least 50% reduction of the wood consumption
- ⇒ Time saving when collecting wood
- ⇒ Improvement of air quality inside houses: reduction of toxic smoke thanks to a better combustion and to the construction of chimneys

Each wood-saving stove prevents the emission of 2 tonnes of CO₂ in the atmosphere per year

Carbon finance in the service of development

Carbon finance consists in paying for greenhouse gas "emission reductions" (ERs). According to this mechanism, one tonne of carbon produced can be offset by one tonne of carbon "saved". The product of "emissions reduction" sale allows to finance projects allowing more "emission reductions" in developing countries.

ID's Biogas and Wood-saving stove projects allow to reduce beneficiaries' wood and coal consumption. Therefore, they reduce carbon and other greenhouse gas emissions. Then, these "emission reductions" are sold on the voluntary market of carbon finance.

Thanks to the revenues of the sale of "emission reductions", ID China can warranty a quality and long-lasting follow up for all the projects and can reinvest into new environmental or community projects.

The Gold Standard, a proof of quality:

The Gold Standard is the certification body for emissions reductions exchanged on the voluntary market. Founded by NGOs, this seal of approval requires a real social and economical added value that guarantees sustainable development. The quality of "emission reductions" of our projects is regularly and thoroughly verified according to its norms.

ID, service provider in the fields of carbon finance and renewable energies

AFD: ID brings a technical support for the components of biogas and for carbon promotion in the "Rural Carbon" project implemented by the French Development Agency (AFD) in Yunnan.

FFEM/AFD: ID brings its knowledge to the AFD project financed by the French Global Environment Facility (FFEM) for the reinforcement of CDM (Clean Development Mechanisms) Centers capabilities in the provinces of Sichuan and Yunnan.