

# SUMMARY

## PROJECT 2: SAFE DRINKING WATER AND FOOD SECURITY IN CAMBODIA

### HIGH QUALITY DRINKABLE WATER AND SPIRULINA PRODUCTION UNITS IN CAMBODIA

#### *What is planned?*

- 3 **water purification units** (1000 m<sup>3</sup>/day each) in Cambodia
- 1 **pure mineral water bottling unit** (1000 m<sup>3</sup>/day) in Cambodia
- high quality, state-of-the-art **quality control laboratory** in each bottled water production unit
- 1 **distribution of the mineral water** via the domestic framework of drinking water for the villages of the Pich Nil area
- 1 high quality, state-of-the-art **microbiochemistry laboratory** infrastructure (Cambodia)
- 1 **production unit for spirulina** (Cambodia)
- 1 research and **formation institute on safe water and food security** (Switzerland)
- **References** in Southeast Asia zones
- Partner with several Asian **universities**
- **146 jobs** created the first year
- **Land** is made available by a local partner and can be easily bought
- **Licence for the exploitation of the mineral water** already bought
- Superior **technology**
- Dedicated team of experienced **experts**

#### *What are the objectives?*

- Produce drinking water with superior technology and quality in compliance with WHO recommendations
- locally distribute pure mineral water from the natural Pich Nil source
- Provide state-of-the-art tools for the quality control of the drinking water in link with local authorities
- Domestically distribute water bottles (from ½ liter to 2 liters) at more affordable prices than competition
- Produce spirulina with superior technology
- Provide state-of-the-art tools for a safe, medicine-free, sustainable spirulina production to local farmers and authorities
- Promote the use of spirulina as an alternative source of natural proteins and vitamins, and aquaponics in sea-food farming
- Export spirulina to areas where sources of proteins and vitamins are needed