

## The Study on Improvement of Water Environment in Vientiane City, Lao People's Democratic Republic

\*Ides Inc. participated in this Project as an associate member of the main contractor.

### **Project Outline**

**Client :** JICA

**Period :** January 2009 – July 2011

**Objective :** To formulate a master plan of water environmental management to improve the hygienic condition of Vientiane City which has been deteriorated by domestic wastewater discharge based on the understanding of the existing condition of water environment in the Study Area, including conservation of the natural purification functions in the Mak Hiao river basin where the wastewater flows in; and to transfer knowledge and technologies in the formulation of the plan to the Lao counterparts through implementation of the Study.

### **Main Activities**

**Assigned fields :** Ecological Conservation, Environmental and Social Consideration

#### **Summary of activities :**

- To survey aquatic organisms in canals, rivers and marsh (fish, benthic invertebrates and plants),
- To analyze and evaluate the water pollution through a perspective of the ecological condition,
- To develop biological indicator for water quality,
- To propose a target of the water quality improvement, and
- To implement IEE (Initial Environmental Examination) for the water quality improvement plan.

