

wastewater to meet the standards as required by law, as well as minimizing the contamination of chemicals prior to emission to the public drain.

For the purpose of safety, the Company has introduced the remote lighting control system for installation on the Expressways to ensure more safety for motorists in case of bad weather, such as, heavy fog and while the automatic lighting system has not yet activated, the lighting system can be controlled remotely from the Second Stage Expressway Control Center as necessary.

In 2009, the Company has continued to provide training for staff, as well as executives, on knowledge and techniques for environmental management in accordance with the ISO 14001:2004 Environmental Management System, as well as arranging for various activities to raise an awareness of environmental protection in our organization and participating in social contributions with the communities nearby.

4 Research and Development

Bangkok Expressway Public Company Limited, as a private company providing the Expressway services, has given priority to the continued study, survey and improvement of expressway routes, under the concept that traveling by the Expressways is part of motorists' daily life. It is thus necessary to improve and develop its services and study the project developments, in support of the Company's investment decision to satisfy the needs of all customer groups, in order to facilitate and accommodate motorists' traveling needs to the utmost satisfaction and benefits.

With such intention in mind, the Company has allocated resources and budget for our research and development team, comprising specialists in the fields of traffic engineering, marketing and finance, to conduct study on new projects, both in respect of return on investment and potential impact, by having a special unit responsible to conduct project feasibility study, follow up on movement of traffic volume, as well as conducting assessment of its investment status in various projects, so as to increase the efficiency of its services and generate more revenue to the Company, such as, construction of new expressway, construction of additional on- and off-ramps, and improvement of on- and off-ramps, etc. Moreover, the Company also engaged external specialists to conduct various studies, such as, traffic and construction for each respective project, in order to ensure that the study would be more appropriate and correct and minimize investment risk.

At present, projects which the Company is conducting the feasibility study are:

1. Si Rat - Outer Bangkok Ring Road Expressway Project; and
2. Srinagarindra - Bang Na - Samut Prakan Expressway Project.

5 Property Used in Business Operations

5.1 Right to Operate Completed Expressway Sectors as at 31 December 2009

Class of Assets	Net Book Value (Million Baht)
Si Rat Expressway, Sectors A, B and C	19,063.99
Si Rat Expressway, Sector D	6,251.99
Udon Rattaya Expressway	10,027.06
Total	35,343.04

Given that the Expressway Agreements of the two Projects are on a BTO (Build, Transfer and Operate) basis, the title to all Expressways, including various permanent constructions in relation to or used in connection with the Expressway Systems, shall be vested in the Expressway Authority of Thailand immediately upon completion of construction and opening for service. The Company is entitled to utilize such property with the duty to keep such property maintained throughout the term of the Agreements. The Second Stage Expressway Agreement (Si Rat Expressway) has a term of 30 years from 1 March 1990 and may be renewed for two times of 10 years each, subject to the conditions to be agreed upon between the Company and the