

CAO LANH CITY, DONG THAP PROVINCE, VIETNAM

**DEVELOPMENT OF
ENVIRONMENTALLY SUSTAINABLE
CAO LANH CITY**

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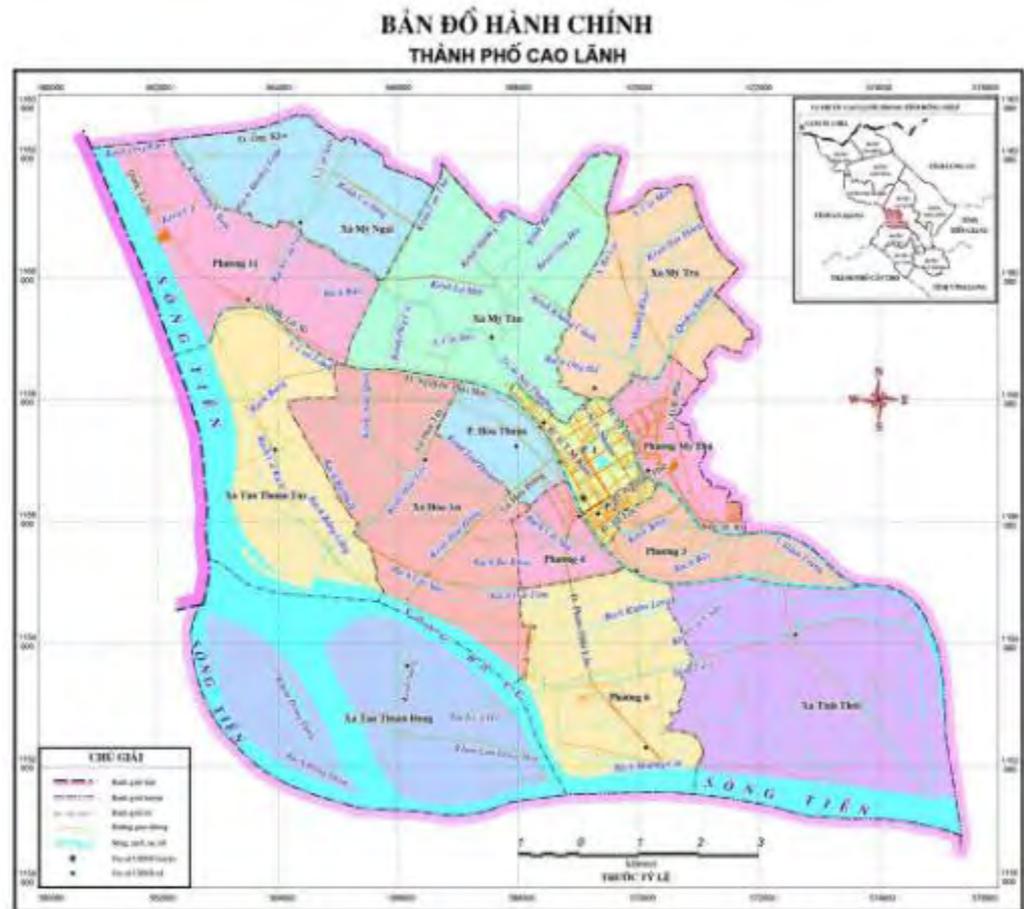
Cao lanh City

- ✓ **Introduction of Cao Lanh City, Dong Thap**
- ✓ **Environment-related projects and activities having been and being implemented**
- ✓ **Outputs gained by Cao Lanh City**
- ✓ **Lessons learned**
- ✓ **Tentative plan for 2nd year**

1. INTRODUCTION OF CAO LANH CITY

Background of Cao Lanh City

- a provincial city of Dong Thap province.
- Covers an area of 107 km², 36 km away from National Highway 1A, 154 km from Ho Chi Minh City and 54 km from Cambodia border to the north.
- Includes 08 wards and 07 communes.
- Population: 163,238.



2. ENVIRONMENT-RELATED PROJECTS AND ACTIVITIES HAVING BEEN AND BEING IMPLEMENTED

**** SOLID WASTE SORTING AT SOURCES AND SANITATION CREDIT AT WARD 2, CAO LANH CITY***

In 2007-2009, with the funding by European Union and local contribution, Cao Lanh City had implemented the Project "Solid Waste Sorting at Sources and Sanitation Credit" has classified waste at source and credit bathroom. As a result, local people's awareness on environmental protection is raised; they know how to classify waste (inorganic, organic): 1,364 per 2,200 households (62%) categorizing the waste in compliance with instructions; 53.96 tons compost produced from the organic waste within 6 months; streets kept clean and handy; daily waste (garbage and human waste) duly treated.

**** PROJECT "CONSTRUCTION OF DRAINAGE SYSTEM IN CAO LANH CITY"***

The Project is funded by Norwegian and local governments. Phase 1 is being prepared for implementation (2012-2015), covering an area of 6.05 ha, to treat waste water for 40,426 people in wards 1, 2 and 3 of Cao Lanh City.

2. ENVIRONMENT-RELATED PROJECTS AND ACTIVITIES HAVING BEEN AND BEING IMPLEMENTED (con.)

* PROJECT “UPGRADING CAO LANH CITY”

The Project is financed by WB and local governments, duration: 2012-2018. Implementation scope of the project consists of 7 wards and 2 communes of Cao Lanh City with four main components. In particular, component 1 is to upgrade the infrastructure by level 3 - the Project provides support to improve infrastructure and multi-disciplinary services in low-income areas that are currently facing many difficulties regarding infrastructure and basic services. This support includes water supply, drainage, expansion of alleys, sidewalks, roads, power cable, and environmental sanitation services. Furthermore, improvement of public sanitation, health and education facilities are also considered on the basis of community desire

2. ENVIRONMENT-RELATED PROJECTS AND ACTIVITIES HAVING BEEN AND BEING IMPLEMENTED (con.)

*** DAP DA LANDFILL PROJECT**

Dap Da Landfill Project in My tho Commune, Cao Lanh District aims at treating garbage from Cao Lanh City, Cao Lanh District and Thap Muoi District of Dong Thap Province. The site is 15 km away from Cao Lanh City, covering an area of 25.04 ha, with capacity of 300,000 tons. Phase 1 (2007-2012) is for investment in building capacity of 150,000 tons.

The quantity of collected waste- from daily life activities, production, street cleaning- transported to Dap Da Landfill at end of 2011 is 105 tons/day.

*** WATER SUPPLY PROJECT**

Currently, Cao Lanh City has a water supply system with 13 deep wells, 01 surface water treatment plant, 05 rural water supply stations; capacity 22,850 m³/day, serving more than 28,000 households.

In 2012, it is expected to increase capacity of the water supply system to 10,000 m³/day to meet clean water demand of local people in Cao Lanh City.

3. OUTPUTS

Results of the first year of ESC Project

- ✓ *Survey of current environmental status at Sites with 2,202 households interviewed for the basis of making plans.*
- ✓ *Training for 20 schools on ESC in applying such education and propaganda at schools. 42 teachers attended the training.*
- ✓ *Training for communes, wards, members of self-governing groups within the areas about ESC, knowledge and skills to organize promotional activities, education and community mobilization. There were 170 attendants as leaders of People's Committees, Fatherland Front Committees of the City, wards and communes, cadres in charge of environmental protection from communes and wards, heads of sub-wards and hamlets, and members of self-governing environmental protection units.*

Training workshop on ESC in caolanh



General Public Awareness Campaign on ESC



3. OUTPUTS (cont.)

✓ *20 schools have organized education and propaganda activities at school to raise pupils' awareness have them practice environmental protection at school and at home.*

✓ *The activities include:*

- *Talk shows about environment;*
- *Singing about environment;*
- *Drawing lots to learn about environment, protection of trees and water sources, economical use of water and electric power, no littering on the street, nor rivers and canals, nor public places ...*
- *Cleaning classes, gathering and put litter in garbage cans;*
- *Planting and care of trees;*
- *Environmental painting ...*

✓ *9,871 pupils participated.*

Public awareness Campaign on Environmental Protection in School



Public awareness Campaign on Environmental Protection in School



Public awareness Campaign on Environmental Protection in School



3. OUTPUTS (con.)

- ✓ *05 self-governing environmental protection units were established. Members of self-governing environmental protection units are pioneers in environmental protection at the locality.*
- ✓ *Self-governing environmental protection units organized the following activities:*
- ✓ *Mobilizing 150 households to register for waste collection;*
- ✓ *Mobilizing 30 households to get committed to Environment Protection Law in their animal husbandry, production and business;*
- ✓ *Organizing 15 meetings and 15 times of street cleaning as form of propagation;*
- ✓ *Mobilizing households to protect the trees planted along the following streets: Ly Thuong Kiet, Nguyen Hue, and Ton Duc Thang; and those Van Mieu Park.*

Established Self-governing Environmental Protection Units



Established Self-governing Environmental Protection Units



3. OUTPUTS (cont.)

Project activities were documented with photos and video for news release over City Radio and Dong Thap Radio-Television.

News was released 10 times via Cao Lonh City Radio Broadcast. Several short news reports were broadcasted over Dong Thap Radio-Television.

The broadcasted news reports are about the following Project activities: meetings; training on ESC propagation for 20 schools; ESC propagation; meetings about operational plans of 5 self-governing environmental protection units; workshops of knowledge training, skills of communication, education, and community mobilization for environmental protection; activities of self-governing units; and Preliminary Summing-up Conference on 1st year of Project implementation.

4. LESSONS LEARNED

After implementation, expected objectives have been achieved, and Cao Lanh City learned the following lessons:

- There should be consensus, determination in leadership; active participation of members of social unions, associations, and local groups, together with the interest and response of people.*
- Regular meetings and reports should be maintained to follow the progress and solve arising problems during implementation.*
- There should be training and guidance on implementation of new models as well as financial settlement in accordance with current law.*
- Certain time and perseverance are required in public communication.*

5. TENTATIVE PLAN FOR 2nd YEAR

Expected Activities:

- Ongoing activities of 10 self-governing environmental protection units.
- Promotional activities at 15 schools.
- Community propagation activities and propagation news over mass media.

Expected outputs:

- 15 schools organized planting trees and carried out promotional activities.
- 90% households have registered for waste collection, and 80% public roads have been kept clean (at the sites with the established self-governing environmental protection units).
- 02 open-air performances at night were organized.
- News was released 10 times via mass media.

THANK YOU VERY MUCH!
