

## LC-LA 05/07: Ecuador - Coast

### 1. Project Summary

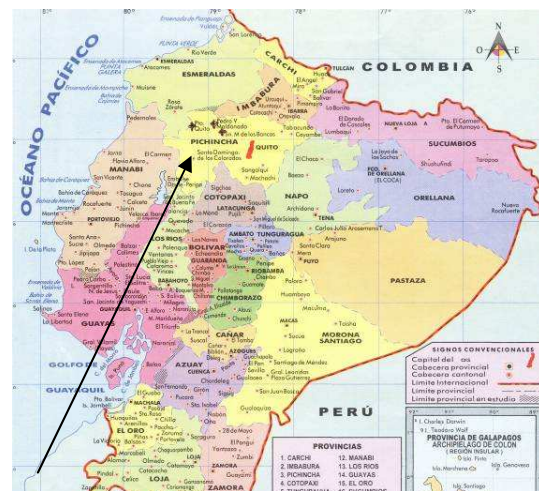
Country	Ecuador
Region	Pichincha
Altitude	400-1200 m.a.s.l
Climate	Hot and humid
Typical water source	Dug wells and rivulets
Partner institution	Ministry of Health
Number of beneficiary Families	8.000
Project costs to Lions (CHF)	40.000
Counterpart local partners (CHF)	91.000
Cost per family (CHF)	5

### 2. Introduction

Ecuador - like many other developing countries - is plagued by preventable diseases like diarrhea, dysentery, parasitosis, etc., all of which are caused by consumption of untreated water and inadequate hygiene practices. In 2006 alone, some 190,000 cases of diarrhea were reported in the coastal region of Ecuador; the real number may be much higher as many cases are not reported to the health posts. Diarrhea is among the top three killers of children under five in the country, and it affects especially poor people who have no access to drinking water of good quality.

### 3. Project zone

The project will be implemented in the lower part of the Province of Pichincha (Cantons of Santo Domingo, Los Bancos, Pedro Vicente Maldonado, Puerto Quito, and La Concordia). Main activities in the zone are agriculture and cattle farming. The development indicators in this area are all very low; for example, average monthly income is about 80 USD and coverage of basic services is at



Map of Ecuador. The arrow is pointing to the project zone in the lowlands.

only 10%. Diarrhea is the second most important mortality factor in the zone (after respiratory diseases). Most people drink water from open wells or from rivers and rivulets. It is common practice to treat the water directly from these sources after transportation to the home, without any type of treatment.

#### 4. Project partners

The project will be implemented by the Ministry of Health of the District of Pichincha, in cooperation with the Municipal Health Services. The SODIS Foundation has been implementing projects with the Ministry of Health of Ecuador since 2001. Experience showed that especially in the warmer climatic zones, the need for water consumption is very high and no other method convinced consumers as much as SODIS – sunshine is abundant and many users point out to the fact that SODIS does not change the taste of the water.

The Ministry of Health also will include the Municipal Health Services in their promotion activities, as well as the schools, local governments, NGOs, grass-root organizations and opinion leaders. According to the laws of Ecuador, the Ministry of Health is responsible for supervising the quality of the drinking water in the rural area – therefore, the task of promoting household water treatment is very adequate for this institution.



Community of Puerto Quito. The project will be implemented in rural areas as well as in the periphery of the Municipal capitals.

#### 5. Implementation strategy

For the proposed project, the Ministry of Health of Pichincha will implement a promotion campaign of safe water (SODIS, boiling, chlorination) and hygiene. Through a chain of training workshops, professional staff of the Ministry will be trained, who then in turn will train and support the local health promoters (volunteers living in the target communities). The project shall demonstrate how a prevention campaign employing modern communication tools (mass communication combined with interpersonal communication) can impact the health status of a specific population by lowering diarrhea rates. This will improve the health status of the beneficiary population, reduce their medical bills, and reduce treatment costs of the Ministry of Health.

## 6. Budget summary (all numbers in CHF)

Item	Total expenses	Financed by Lions Clubs	Financed by SODIS Foundation	Financed by local partner	In-kind Contribution of local population
Salaries	45.000		5.000	40.000	
Educational Materials	15.000	15.000			
Workshops	15.000	10.000	1.000		4.000
Local transport	20.000	8.000		12.000	
Water testing	2.000		2.000		
Communication	7.000	3.000	1.000	3.000	
Training*	4.000	2.000		2.000	
Monitoring and reporting*	6.000	1.000	1.000	4.000	
Technical backstopping*	7.000	1.000	2.000	4.000	
Household visits	10.000				10.000
<b>TOTAL</b>	<b>131.000</b>	<b>40.000</b>	<b>12.000</b>	<b>65.000</b>	<b>14.000</b>

\* Activities carried out by the SODIS Foundation

Table: Project cost. Of the total project costs (CHF 131,000), **CHF 34,000\* will be financed by the Lions Clubs**; the remaining amount will be covered (in cash or kind) by the SODIS Foundation, by the Ministry of Health of Pichincha and by the local population. Numbers of local contributions are based on rough estimates. Of the project costs financed by the Lions Clubs (CHF 40,000), the SODIS Foundation is charging CHF 4,000 for project identification and preparation, for training, monitoring, backstopping, and reporting to the Lions Clubs.

*\*Tabelle muss angepasst werden.*