

**Implementation Status & Results**  
**Uruguay**  
**UY Non Communicable Diseases Prevention Project (P050716)**

Operation Name: UY Non Communicable Diseases Prevention Project (P050716)      Project Stage: Implementation      Seq.No: 7      Status: ARCHIVED      Last Modified Date: 15-Feb-2011

Product Line: IBRD/IDA      Country: Uruguay      Approval FY: 2008  
 Region: LATIN AMERICA AND CARIBBEAN      Lending Instrument: Specific Investment Loan  
 Implementing Agency(ies): Ministry of Public Health

**Key Dates**

Board Approval Date	28-Aug-2007	Original Closing Date	31-Dec-2012	Planned Mid Term Review Date	30-Nov-2010	Last Archived ISR Date	30-Jun-2010
Effectiveness Date	09-Jan-2008	Revised Closing Date	31-Dec-2012	Actual Mid Term Review Date	06-Dec-2010		

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

**The operation would seek to support the Government's efforts to further strengthen its health delivery services and the current health policy framework for NCD. In this context, the specific development objectives of the proposed operation would be: (i) To expand accessibility and quality of primary health care services related to selected NCD early detection and medical care; and (ii) To avoid and reduce exposure to selected NCDs risk factors as well as their health effects**

Has the Project Development Objective been changed since Board Approval of the Project?

Yes       No

**Component(s)**

Component Name	Component Cost
Strengthening of the MSP's Capacity to Address the Country's Changing Epidemiological Profile	6.10
Improving Access to Quality Health Care Services for Prevalent NCDs in Public Care Facilities	15.80
Implementation of the Previniendo Pilot Program	3.80
Project Management	2.10

**Overall Ratings**

	Previous Rating	Current Rating
Progress towards achievement of PDO	Moderately Satisfactory	Moderately Satisfactory
Overall Implementation Progress (IP)	Moderately Satisfactory	Moderately Unsatisfactory
Overall Risk Rating		Medium-L

**Implementation Status Overview**

Project implementation is progressing well, with moderately satisfactory advance to its planned objective. Project developed structural actions leading to get an adequate level of

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health promotion and prevention for NCDs. Among other, highlights: (i) steps forward the development of the NIHIS (National Integrated Health Information System); (ii) review of the health sector regulatory framework related to the NCD, as basement for it following update; (iii) start up the Central Health Situation Room and five additional ones at departmental level, making a big progress toward the modernization and decentralization of the epidemiological surveillance system; (iv) regular publishing of electronic surveillance bulletin; (v) successful implementation of e-learning pilot as first step for ASSE e-learning permanent platform as a carrier for NCDs education and training to ASSE health personnel and (vi) activities completed to launch the Second National Behavioral Risk Factor Survey and the First National Health Survey (services use and financing), which will provide critical information for MOH decisions and also be used to monitor project indicators.

(i) Key Results: (a) "Previniendo" Pilot project is now running in the three planned departments, paying for Result Based Financing the beneficiary screening for NCDs to primary health providers; (b) JUNASA, (Junta Nacional de Salud - National Health Board) incorporated a sanitary goal related to NCDs screening for all insured population for the 2011 Annual Performance Agreements to the mandatory health insurance, producing strong impulse to expand accessibility and quality of primary health care services related to selected NCDs early detection and medical care (First PDO); (c) 75.8 % of newborn at risk of disability are having now adequate early disability detection and effective follow up (First PDO); (d) National Health Promotion and Prevention Strategy for NCDs was designed and launched and is now under implementation. It is an important structural action linked to avoid and reduce exposure to selected NCDs risk factors as well as their health effects (Second PDO) (e) FUSI (Uruguay Solidarity & Inclusive Fund) was implemented to finance preventive action for NCDs trough community based project (related to second PDO).

Disbursements needs to improve. After three years of project implementation disbursements reach only 8%. This situation is mainly explained by excessive time required to prepare and execute international bidding, which lead project disbursements.

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**Results**

Project Development Objective Indicators			
Indicator	Baseline	Current	End Target
Indicator Name	Value	Value	Value
Percentage of selected NCDs cases (hypertension; diabetes; and obesity/overweight) diagnosed by primary care teams under follow-up.	Percentage of cases diagnosed and under follow-up by primary care teams for the following NCDs are: a. Hypertension 49.1; b. Diabetes 73; Obesity/overweight: 0	n/a	a. Hypertension: 85; b. Diabetes: 93; Obesity/overweight: 65
Type	Unit of Measure	Date	Date
Custom Indicator	Text	Comment	31-Dec-2012
	Date	The new National Survey of Risk Factors are planned to be developed during 2011.	Comment
	29-Dec-2006		
	Comment		
	Data from National Survey of Risk Factors 2006.		

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Indicator	Baseline	Current	End Target
<p>Indicator Name Percentage of women between 50 and 69 years of age having had a mammogram in any given year.</p> <p>Type                      Unit of Measure Custom Indicator        Text</p>	<p>Value 25% of women between 50 and 69 years of age had a mammogram</p> <p>Date 29-Dec-2006</p> <p>Comment The baseline value was corrected in 2007 to 22.67%, adjusting the percentage of women 50 - 69, ASSE beneficiaries, whose mammograms were reported to the Cancer Prevention Committee. (HLCC -ASSE).</p>	<p>Value 20.27 %</p> <p>Date 30-Dec-2009</p> <p>Comment Value for calendar year 2010 is being processed.</p>	<p>Value 45% of women between 50 and 69 years of age have had a mammogram in any given year.</p> <p>Date 31-Dec-2012</p> <p>Comment</p>
<p>Indicator Name Percentage of the estimated number of newborns with disabilities under follow-up by Early Detection Treatment Units.</p> <p>Type                      Unit of Measure Custom Indicator        Text</p>	<p>Value 0 %</p> <p>Date 29-Dec-2006</p> <p>Comment</p>	<p>Value 75.6%</p> <p>Date 30-Dec-2009</p> <p>Comment There are nine new Early Detection and Treatment Units working.</p>	<p>Value 60%</p> <p>Date 31-Dec-2012</p> <p>Comment</p>
<p>Indicator Name Percentage of population being screened for NCDs risk-factors in participating departments.</p> <p>Type                      Unit of Measure Custom Indicator        Text</p>	<p>Value 0%</p> <p>Date 29-Dec-2006</p> <p>Comment</p>	<p>Value</p> <p>Date 30-Dec-2009</p> <p>Comment PREVINIENDO Pilot Program began implementing in February 2010 in Treinta y Tres, in July 2010 in Tacuarembó and in September 2010 at Rio Negro. Data for 2010 is under process.</p>	<p>Value 65%</p> <p>Date 31-Dec-2012</p> <p>Comment</p>

**Intermediate Results Indicators**

Indicator	Baseline	Current	End Target
<p>Indicator Name</p> <p>1. Regularly report of consolidated data on number of patients diagnosed with specific NCDs and currently under treatment</p> <p>Type                      Unit of Measure</p> <p>Custom Indicator        Number</p>	<p>Value</p> <p>0.00</p> <p>Date</p> <p>29-Dec-2006</p> <p>Comment</p>	<p>Value</p> <p>3.00</p> <p>Date</p> <p>29-Dec-2010</p> <p>Comment</p> <p>In 2010 it began recording in 3 departments (preventing pilot). computer system for loading the information is in development.</p>	<p>Value</p> <p>9.00</p> <p>Date</p> <p>31-Dec-2012</p> <p>Comment</p>
<p>Indicator</p> <p>Indicator Name</p> <p>Primary health facilities uses regularly the diagnosis s and monitoring system</p> <p>Type                      Unit of Measure</p> <p>Custom Indicator        Number</p>	<p>Value</p> <p>11.00</p> <p>Date</p> <p>29-Dec-2006</p> <p>Comment</p> <p>Diagnosis s and monitoring system is called "SGS"</p>	<p>Value</p> <p>14.00</p> <p>Date</p> <p>31-Dec-2010</p> <p>Comment</p> <p>SGS implantation is waiting the IT equipment under procurement.</p>	<p>Value</p> <p>205.00</p> <p>Date</p> <p>31-Dec-2012</p> <p>Comment</p>
<p>Indicator</p> <p>Indicator Name</p> <p>Main health sector databases virtually integrated into the National Health Information System</p> <p>Type                      Unit of Measure</p> <p>Custom Indicator        Text</p>	<p>Value</p> <p>0</p> <p>Date</p> <p>29-Dec-2006</p> <p>Comment</p> <p>Data base are not integrated</p>	<p>Value</p> <p>Three (3) database ( BPS, RUCAF, ASSE beneficiary) beneficiary databases are virtually integrated into the National Health Information System. Is pending integration of FNR database.</p> <p>Date</p> <p>31-Dec-2010</p> <p>Comment</p>	<p>Value</p> <p>Four (4) : BPS, RUCAF, ASSE beneficiary and FNR beneficiary databases are virtually integrated into the National Health InformationSystem.</p> <p>Date</p> <p>31-Dec-2012</p> <p>Comment</p>

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Indicator	Baseline	Current	End Target
Indicator Name <b>Information reporting of the health surveillance system requirements are comply by the health public units</b>	Value <b>10.00</b> Date <b>29-Dec-2006</b>	Value <b>69.20</b> Date <b>31-Dec-2010</b>	Value <b>85.00</b> Date <b>31-Dec-2012</b>
Type                      Unit of Measure <b>Custom Indicator          Percentage</b>	Comment <b>Notifiable diseases, (timely weekly) with hepatitis as tracer.</b>	Comment <b>Notifiable diseases, (weekly) with hepatitis as tracer.</b>	Comment
Indicator Indicator Name <b>Data definitions and coding standards for pathologies issued.</b>	Value <b>24.00</b> Date <b>29-Dec-2006</b>	Value <b>24.00</b> Date <b>30-Dec-2010</b>	Value <b>34.00</b> Date <b>31-Dec-2012</b>
Type                      Unit of Measure <b>Custom Indicator          Number</b>	Comment	Comment <b>Reviewed 24 existing guidelines. 6 new diseases were identified. Their guides will be developed in October 2012.</b>	Comment
Indicator Indicator Name <b>Public Health Bulletins and Surveillance Bulletins published according to norms in any given year.</b>	Value <b>0.00</b> Date <b>29-Dec-2006</b>	Value <b>5.00</b> Date <b>31-Dec-2010</b>	Value <b>2.00</b> Date <b>31-Dec-2012</b>
Type                      Unit of Measure <b>Custom Indicator          Number</b>	Comment	Comment	Comment
Indicator Indicator Name <b>Additional DIGESA staff trained in #Data for Decision-Making.#</b>	Value <b>5.00</b> Date <b>29-Dec-2006</b>	Value <b>6.00</b> Date <b>31-Dec-2010</b>	Value <b>20.00</b> Date <b>31-Dec-2012</b>
Type                      Unit of Measure <b>Custom Indicator          Number</b>	Comment	Comment	Comment

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Indicator		Baseline	Current	End Target
Indicator Name DIGESA key personnel trained in SEVES.		Value 0.00	Value 18.00	Value 50.00
		Date 29-Dec-2006	Date 31-Dec-2010	Date 31-Dec-2012
Type	Unit of Measure	Comment	Comment	Comment
Custom Indicator	Number	SEVES: Surveillance System		
Indicator		Baseline	Current	End Target
Indicator Name 10 key staff trained in laboratory safety.		Value 0.00	Value	Value 10.00
		Date 29-Dec-2006	Date 31-Dec-2010	Date 31-Dec-2012
Type	Unit of Measure	Comment	Comment	Comment
Custom Indicator	Number	TOTAL - Expenses coded 16505 974 expenses - ischemic heart disease - 5.9% Expenses 652 - Hypertension Disease - 3.95% 43 expenses - Diabetes - 0.26%	Activity planned, in process to be carried out.	
Indicator		Baseline	Current	End Target
Indicator Name DIGESA additional key staff members trained in outbreak investigation.		Value 10.00	Value 28.00	Value 30.00
		Date 29-Dec-2006	Date 31-Dec-2010	Date 31-Dec-2012
Type	Unit of Measure	Comment	Comment	Comment
Custom Indicator	Number			
Indicator		Baseline	Current	End Target
Indicator Name Communicable disease outbreaks reported by surveillance system are managed at local level according to norms.		Value 10.00	Value 83.00	Value 90.00
		Date 29-Dec-2006	Date 31-Dec-2010	Date 31-Dec-2012
Type	Unit of Measure	Comment	Comment	Comment
Custom Indicator	Percentage		24 of 29 outbreaks	

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Indicator	Baseline	Current	End Target
Indicator Name <b>Municipalities carry out #healthy spaces# campaigns</b>	Value <b>0.00</b>	Value <b>100.00</b>	Value <b>50.00</b>
Date <b>29-Dec-2006</b>	Date <b>31-Dec-2010</b>	Date <b>31-Dec-2012</b>	
Type Custom Indicator	Unit of Measure Percentage	Comment	Comment
Indicator Name <b>Health promotion subprojects related to NCDs are implemented in participating healthy spaces and are evaluated.</b>	Value <b>0.00</b>	Value <b>25.00</b>	Value <b>95.00</b>
Date <b>29-Dec-2006</b>	Date <b>31-Dec-2010</b>	Date <b>31-Dec-2012</b>	
Type Custom Indicator	Unit of Measure Percentage	Comment	Comment
Indicator Name <b>Students in public schools participating in #healthy school# campaigns.</b>	Value <b>0.00</b>	Value (blank)	Value <b>20.00</b>
Date <b>29-Dec-2006</b>	Date <b>31-Dec-2010</b>	Date <b>31-Dec-2012</b>	
Type Custom Indicator	Unit of Measure Percentage	Comment <b>Data in process</b>	Comment
Indicator Name <b>Disability, Early Detection and Treatment Units are developed.</b>	Value <b>0.00</b>	Value <b>9.00</b>	Value <b>5.00</b>
Date <b>29-Dec-2006</b>	Date <b>31-Dec-2010</b>	Date <b>31-Dec-2012</b>	
Type Custom Indicator	Unit of Measure Number	Comment	Comment

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Indicator	Baseline	Current	End Target
<p>Indicator Name Personnel in health promotion unit are trained.</p> <p>Type                      Unit of Measure Custom Indicator      Number</p>	<p>Value 0.00</p> <p>Date 29-Dec-2006</p> <p>Comment</p>	<p>Value 50.00</p> <p>Date 31-Dec-2010</p> <p>Comment</p>	<p>Value 100.00</p> <p>Date 31-Dec-2012</p> <p>Comment</p>
<p>Indicator Name Annual Tobacco media campaign is developed in any given year.</p> <p>Type                      Unit of Measure Custom Indicator      Number</p>	<p>Value 0.00</p> <p>Date 29-Dec-2006</p> <p>Comment</p>	<p>Value 3.00</p> <p>Date 31-Dec-2010</p> <p>Comment</p>	<p>Value 5.00</p> <p>Date 31-Dec-2012</p> <p>Comment</p>
<p>Indicator Name A National Promotion Advocacy group is conformed.</p> <p>Type                      Unit of Measure Custom Indicator      Text</p>	<p>Value The National Promotion Advocacy group does not exist.</p> <p>Date 29-Dec-2006</p> <p>Comment</p>	<p>Value National Health promotion and Prevention for NCDs was launched. It include the conformation of the National Promotion Advocacy group</p> <p>Date 31-Dec-2010</p> <p>Comment It is a good result as process indicator</p>	<p>Value A National Promotion Advocacy group is conformed.</p> <p>Date 31-Dec-2012</p> <p>Comment</p>
<p>Indicator Name Regulatory framework affecting essential NCDs and risk factors is review to assess their effectiveness.</p> <p>Type                      Unit of Measure Custom Indicator      Text</p>	<p>Value n/a</p> <p>Date 29-Dec-2006</p> <p>Comment</p>	<p>Value Framework under review.</p> <p>Date 31-Dec-2010</p> <p>Comment It is a good result as process indicator</p>	<p>Value Regulatory framework affecting essential NCDs and risk factors reviewed.</p> <p>Date 31-Dec-2012</p> <p>Comment</p>

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Indicator	Baseline	Current	End Target
<p>Indicator Name</p> <p>Primary health care establishments are certified and quality accredited on NCDs medical care ambulatory procedures.</p> <p>Type                      Unit of Measure</p> <p>Custom Indicator      Number</p>	<p>Value</p> <p>0.00</p> <p>Date</p> <p>29-Dec-2006</p> <p>Comment</p> <p>There was note legal framework neither accreditation guidelines</p>	<p>Value</p> <p>9.00</p> <p>Date</p> <p>31-Dec-2010</p> <p>Comment</p> <p>Legal framework for accreditation process and Guidelines for accreditation at primary care level were developed.</p>	<p>Value</p> <p>200.00</p> <p>Date</p> <p>31-Dec-2012</p> <p>Comment</p>
<p>Indicator</p> <p>Indicator Name</p> <p>1. Percentage of reduction in hospital admissions for treatments more appropriately provided at lower levels:a. Hypertension crisisb. Stroke c.Ketoacidosis diabetic</p> <p>Type                      Unit of Measure</p> <p>Custom Indicator      Text</p>	<p>Value</p> <p>Ischemic heart disease - 5.9% Hypertension Disease - 3.95% Diabetes - 0.26%</p> <p>Date</p> <p>29-Dec-2007</p> <p>Comment</p> <p>Preliminary value, will be reviewed.</p>	<p>Value</p> <p>Date</p> <p>31-Dec-2010</p> <p>Comment</p> <p>2010 data under process</p>	<p>Value</p> <p>a.Hypertension crisis 30% b.Stroke 30% c.Ketoacidosis diabetic 50%</p> <p>Date</p> <p>31-Dec-2012</p> <p>Comment</p>
<p>Indicator</p> <p>Indicator Name</p> <p>2. Percentage of reduction in the number of advanced-stage cases for specific NCDs assisted under the FNR relative to all cases in the same NCDs category: a. Cardiovascular disease by hypertension and</p> <p>Type                      Unit of Measure</p> <p>Custom Indicator      Text</p>	<p>Value</p> <p>Angioplasty 72.4 % (as consequence of hypertension) Dialysis 74.3 % (having hypertension as risk factor)</p> <p>Date</p> <p>29-Dec-2006</p> <p>Comment</p>	<p>Value</p> <p>Angioplasty 71.8% (down 0.6%) Dialysis 81.1% (increase of 6.8%)</p> <p>Date</p> <p>31-Dec-2009</p> <p>Comment</p> <p>2010 data is under process</p>	<p>Value</p> <p>5 %</p> <p>Date</p> <p>31-Dec-2012</p> <p>Comment</p>
<p>Indicator</p> <p>Indicator Name</p> <p>Health personnel receiving training</p> <p>Type                      Unit of Measure</p> <p>Core Indicator        Number</p>	<p>Value</p> <p>100.00</p> <p>Date</p> <p>29-Dec-2006</p> <p>Comment</p>	<p>Value</p> <p>Date</p> <p>31-Dec-2010</p> <p>Comment</p> <p>Data under process</p>	<p>Value</p> <p>4000.00</p> <p>Date</p> <p>31-Dec-2012</p> <p>Comment</p>

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Indicator	Baseline	Current	End Target
<p>Indicator Name Percentage of population of pilot departments screened for NCDs risk factor.</p> <p>Type                      Unit of Measure Custom Indicator      Percentage</p>	<p>Value 0.00</p> <p>Date 29-Dec-2006</p> <p>Comment The program did not exist.</p>	<p>Value</p> <p>Date 30-Dec-2010</p> <p>Comment First wave of data is for the calendar year 2010. It is under process.</p>	<p>Value 65.00</p> <p>Date 31-Dec-2012</p> <p>Comment</p>
<p>Indicator Name Percentage of cases diagnosed and under follow-up by primary care teams for the following NCDs: a. Hypertension b. Diabetes c. Obesity / overweight</p> <p>Type                      Unit of Measure Custom Indicator      Text</p>	<p>Value a.Hypertension: 49.1% b.Diabetes: 73% c.Obesity/ overweight: 0%</p> <p>Date 29-Dec-2006</p> <p>Comment Data from 2006 Risk factor Survey. It would be not consistent at departmental level</p>	<p>Value</p> <p>Date 30-Dec-2010</p> <p>Comment First wave of data is for the calendar year 2010. It is under process.</p>	<p>Value a.Hypertension 85% b.Diabetes 93% c.Obesity / overweight 65%</p> <p>Date 31-Dec-2012</p> <p>Comment</p>
<p>Indicator Name 3. Percentage of reduction in hospital admissions for treatments more appropriately provided at lower levels:a. Hypertension crisisb. Stroke c.Ketoacidosis diabetic</p> <p>Type                      Unit of Measure Custom Indicator      Text</p>	<p>Value Hypertensive Crisis 0.5% Strokes 1.3% Diabetic ketoacidosis 0.1%</p> <p>Date 29-Dec-2006</p> <p>Comment % of total discharges due to related illness. Preliminary analysis for base line</p>	<p>Value Hypertensive Crisis 0.5% Strokes 1.1% (15 % of reduction) Diabetic ketoacidosis 0.1%</p> <p>Date 30-Dec-2010</p> <p>Comment Although is yet to early to have results, incidence of stroke reduce 15 %</p>	<p>Value a.Hypertension crisis 70% b.Stroke 70% c.Ketoacidosis diabetic 70%</p> <p>Date 31-Dec-2012</p> <p>Comment</p>

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Indicator	Baseline	Current	End Target
<p>Indicator Name</p> <p>4. Percentage of reduction in the number of advanced-stage cases for Cardiovascular disease and Chronic Kidney Failure by hypertension assisted under the FNR relative to all cases in the same category</p> <p>Type Unit of Measure</p> <p>Custom Indicator Text</p>	<p>Value</p> <p>80% angioplasty 77.3% dialysis</p> <p>Date</p> <p>29-Dec-2006</p> <p>Comment</p>	<p>Value</p> <p>72.4% angioplasty ( reduction of 7.6 ) Dialysis 73.3 (down 4 %) reached the target</p> <p>Date</p> <p>30-Dec-2009</p> <p>Comment</p> <p>Although the goal for midterm review reached, it would be due to low number of cases.</p>	<p>Value</p> <p>10% of reduction</p> <p>Date</p> <p>31-Dec-2012</p> <p>Comment</p>
<p>Indicator</p> <p>Indicator Name</p> <p>5. Primary care providers under Annual Performance Agreements with DHIE</p> <p>Type Unit of Measure</p> <p>Custom Indicator Percentage</p>	<p>Value</p> <p>0.00</p> <p>Date</p> <p>29-Dec-2006</p> <p>Comment</p>	<p>Value</p> <p>100.00</p> <p>Date</p> <p>30-Dec-2010</p> <p>Comment</p>	<p>Value</p> <p>85.00</p> <p>Date</p> <p>31-Dec-2012</p> <p>Comment</p>
<p>Indicator</p> <p>Indicator Name</p> <p>To develop and apply a methodology to assess the financial impact on public finances and household budgets of alternative health care reform strategies.</p> <p>Type Unit of Measure</p> <p>Custom Indicator Text</p>	<p>Value</p> <p>n/a</p> <p>Date</p> <p>29-Dec-2006</p> <p>Comment</p>	<p>Value</p> <p>Process indicator. The process to define the strategy to implement is still open.</p> <p>Date</p> <p>30-Dec-2010</p> <p>Comment</p>	<p>Value</p> <p>Methodology has been developed in conjunction with the Ministry of Finance and is being implemented in any given year</p> <p>Date</p> <p>31-Dec-2012</p> <p>Comment</p>

**Data on Financial Performance (as of 27-Dec-2010)**

**Financial Agreement(s) Key Dates**

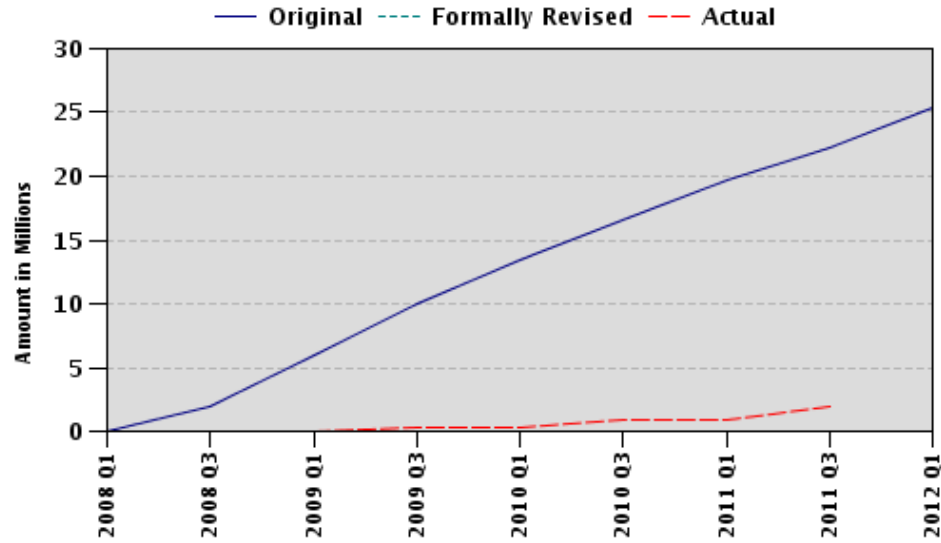
Project	Loan No.	Status	Approval Date	Signing Date	Effectiveness Date	Closing Date
P050716	IBRD-74860	Effective	28-Aug-2007	13-Dec-2007	09-Jan-2008	31-Dec-2012

**Disbursements (in Millions)**

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Project	Loan No.	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P050716	IBRD-74860	Effective	USD	25.30	25.30	0.00	2.03	23.27	8.00

**Disbursement Graph**



**Key Decisions Regarding Implementation**

The implementation action plan was reviewed and updates to increase the rhythm of execution, with an special monitoring upon procurement process.

**Restructuring History**

There has been no restructuring to date.

**Related Projects**

There are no related projects.