

NS-3 - Sustainable Housing Programme

Uruguay

NAMA Seeking Support for Preparation

A Overview

A.1 Party

Uruguay

A.2 Title of Mitigation Action

Sustainable Housing Programme

A.3 Description of mitigation action

To introduce new technologies that reduce GHG emissions by substituting the use of electricity from the grid by renewable energy sources (thermal solar energy) and improving energy efficiency (more efficient light bulbs). The Government has a Housing Programme under development, through which 20.000 new homes will be built in the next years. Lower income families included in the Government Programs are subject to eligibility under these criteria. The target group are households with families of 3 persons on average, houses of 60 m² and using the current Ministry of Housing, Land Planning and Environment (MVOTMA) regulation standards of building quality codes. Under the assumption of the Government Plans, there are 3 person per home, therefore, the likely number of persons affected by the program is 60.000 persons. It has been checked that a major part of the electrical bill of the household corresponds to water heating. That makes attractive and efficient to implement a technology in water heating that substitutes consumption from the grid. The technologies proposed for inclusion in the Program are solar water heaters and CFL (Compact Fluorescent Lamps) light bulbs, that will reduce emissions from electricity from the national grid supplied by the state own company, UTE. From the current 1,3 million clients currently connected to the grid, there will be 20.000 new homes that will reduce emissions by substituting electricity from the grid by renewable energy with zero emissions and higher energy efficiency. Each member or family can: (i) be part of the Program when the Government funds the whole building and therefore set the standards of the houses including the technologies, or (ii) chose to be part of the sustainable building program if it is funded and promoted by any of the National Plans from MVOTMA, and also chose to apply the technologies (i.e cooperatives that co-fund the buildings by loans) The Uruguayan Government is promoting the application of solar energy for the residential and commercial sectors through the law number 18.585. From this law is compulsory to install solar water heater in new health 01-nama-seeking-support-for-preparation-web-v0.4 Page 2 / 4 buildings, hotels, sport clubs, pools, and public organisations that spend more than 20% of their energy for water heating. However, under this Law is not compulsory to install water heaters if the consumption of energy is lower than 20% for this purpose, neither for residential and commercial buildings already built. The voluntary inclusion of the renewable energy technologies is promoted by the Investment law 16.906. Even though there are some incentives in place in

Uruguay, there are barriers to overcome, mainly financial and economic ones that prevent from incorporating these technologies as well as awareness. The BAU is expected to continue using electricity from the grid unless there is financial support for its implementation in the residential sector.

A.4 Sector

<input type="checkbox"/> Energy supply	<input type="checkbox"/> Transport and its Infrastructure
<input checked="" type="checkbox"/> Residential and Commercial buildings	<input type="checkbox"/> Industry
<input type="checkbox"/> Agriculture	<input type="checkbox"/> Forestry
<input type="checkbox"/> Waste management	

Other

A.5 Technology

<input type="checkbox"/> Bioenergy	<input type="checkbox"/> Cleaner fuels
<input checked="" type="checkbox"/> Energy Efficiency	<input type="checkbox"/> Geothermal Energy
<input type="checkbox"/> Hydropower	<input checked="" type="checkbox"/> Solar Energy
<input type="checkbox"/> Wind Energy	<input type="checkbox"/> Ocean Energy
<input type="checkbox"/> Carbon Capture and Storage	<input type="checkbox"/> Low till / No till
<input type="checkbox"/> Land fill gas collection	

Other

A.6 Type of action

<input type="checkbox"/> National/ Sectoral goal	<input type="checkbox"/> Project: Investment in machinery
<input type="checkbox"/> Strategy	<input type="checkbox"/> Project: Investment in infrastructure
<input checked="" type="checkbox"/> National/Sectoral policy or program	<input type="checkbox"/> Project : other

Other

A.7 Greenhouse gases covered by the action

<input checked="" type="checkbox"/> CO2	<input type="checkbox"/> CH4
<input type="checkbox"/> N2O	<input type="checkbox"/> HFCs
<input type="checkbox"/> PFCs	<input type="checkbox"/> SF6

Other

B National Implementing Entity

B.1.0 Name	Ministry of Housing, Land Planning and Environment (MVOTMA)
B.1.1 Contact Person 1	Lucía Etcheverry (National Director of Housing)
B.1.2 Address	25 de Mayo 402, 1st floor
B.1.3 Phone	+598 2917 0710 ext 2126
B.1.4 Email	dinavi@mvotma.gub.uy
B.1.5 Contact Person 2	
B.1.6 Address	
B.1.7 Phone	
B.1.8 Email	
B.1.9 Contact Person 3	
B.1.10 Address	
B.1.11 Phone	
B.1.12 Email	
B.1.13 Comments	

C Expected timeframe for the preparation of the mitigation action

C.1	Number of months for completion	12
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D Currency

D.1	Used Currency	<input type="text" value="AED"/>
		Conversion to USD: 1

E Cost

E.1.1	Estimated full cost of preparation	350000
E.1.2	Comments on full cost of preparation	

F Support required to prepare the mitigation action

F.1.1	Amount of Financial support	300000
F.1.2	Type of required Financial support	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan (sovereign) <input type="checkbox"/> Loan (Private) <input type="checkbox"/> Concessional loan <input type="checkbox"/> Other <input type="text"/>
		<input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Carbon finance
F.1.3	Comments on Financial support	This support would be destined to develop the studies and calculations needed to prepare the NAMA, for instance base line scenario, estimation of emission reduction
F.2.1	Amount of Technical support	
F.2.2	Comments on Technical support	
F.3.1	Amount of capacity building support	50000
F.3.2	Type of required capacity building support	<input checked="" type="checkbox"/> Individual level <input type="checkbox"/> Institutional level <input type="checkbox"/> Systemic level <input type="checkbox"/> Other <input type="text"/>
F.3.3	Comments on Capacity Building support	It would be necessary to enhance capacities related to the aspects involved in the process of preparing a NAMA
F.4	Financial support required	<input type="checkbox"/>
F.5	Technological support required	<input type="checkbox"/>
F.6	Capacity support required	<input type="checkbox"/>

G Relevant National Policies strategies, plans and programmes and/or other mitigation action

G.1	Relevant National Policies	National Plan to Respond to Climate Change, Energy Efficiency Program, Solar Plan: http://www.cambioclimatico.gub.uy/index.php/plan-nacional ; www.eficienciaenergetica.gub.uy ; http://www.energiasolar.gub.uy/cms/index.php/medidas-promocionales/energia-solar-termica/plan-solar-para-familias
G.2	Link to other NAMAs	.

H Attachments

H	Attachments	Title Description
H.1	Attachment description	
H.2	File	<input type="text"/> <input type="button" value="Browse..."/>

I Support received

I.1	Outside the Registry	
I.2	Within the Registry	Support provided SupportType Amount Comment Date