

# NS-6 - LNG Terminal with regasification capacity of 10.000.000m3/d of natural gas with possible expansion to 15.000.000m3/d

## Uruguay

### NAMA for Recognition

#### A Overview

A.1 Party	Uruguay														
A.2 Title of Mitigation Action	LNG Terminal with regasification capacity of 10.000.000m3/d of natural gas with possible expansion to 15.000.000m3/d														
A.3 Description of mitigation action	<p>In 2008 the Uruguayan Government has established a detailed Energy Policy framework. In 2010 this policy was approved by a special Committee including all Political Parties. This Committee was also responsible for the establishment of the broad outlines of the national energy policy and the analysis of main strategic decisions. One of the aims defined under the Energy Policy established by the Government, was to diversify the national energy mix by increasing the use of renewable energy sources. In order to have a thermal back-up for the electric generation, the government could have opted for: gas oil, fuel oil or coal as fuels. However, because of the following reasons the government has decided to implement the use of natural gas: - Best compatibility with renewable sources in our energy context. - Improvement of environmental terms of energy use, reducing CO2 emissions. -Positive externalities in the non-electrical sector. -Take advantage of already existing investments (gas pipelines, power turbines, industries boilers) - Gas turbines in combined cycles have better efficiency than others technologies. - Also this project will provide energetic independence and economic development</p>														
A.4 Sector	<table border="1"> <tr> <td><input checked="" type="checkbox"/> Energy supply</td> <td><input checked="" type="checkbox"/> Transport and its Infrastructure</td> </tr> <tr> <td><input checked="" type="checkbox"/> Residential and Commercial buildings</td> <td><input checked="" type="checkbox"/> Industry</td> </tr> <tr> <td><input type="checkbox"/> Agriculture</td> <td><input type="checkbox"/> Forestry</td> </tr> <tr> <td><input type="checkbox"/> Waste management</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other <input type="text"/></td> </tr> </table>	<input checked="" type="checkbox"/> Energy supply	<input checked="" type="checkbox"/> Transport and its Infrastructure	<input checked="" type="checkbox"/> Residential and Commercial buildings	<input checked="" type="checkbox"/> Industry	<input type="checkbox"/> Agriculture	<input type="checkbox"/> Forestry	<input type="checkbox"/> Waste management		<input type="checkbox"/> Other <input type="text"/>					
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A.6 Type of action	<input type="checkbox"/> National/ Sectoral goal	<input type="checkbox"/> Project: Investment in machinery
	<input type="checkbox"/> Strategy	<input checked="" type="checkbox"/> Project: Investment in infrastructure
	<input checked="" type="checkbox"/> National/Sectoral policy or program	<input type="checkbox"/> Project : other
	<input type="checkbox"/> Other <input type="text"/>	
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
	<input type="checkbox"/> Other <input type="text"/>	

### B National Implementing Entity

B.1.0 Name	Secretary of Energy; Ministry of Industry, Energy and Mining
B.1.1 Contact Person 1	Dr. Ramón Méndez (Head of Secretary of Energy)
B.1.2 Address	Mercedes 1041 - 2nd floor, Montevideo, CP: 11.100
B.1.3 Phone	+598 2900 6919
B.1.4 Email	director@dne.miem.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 implementaion of the mitigation action

C.1	Number of years for completion	3
C.2	Expected start year of implementation	2012

### 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	5000000
E.1.2	Comments on estimated full cost of preparation	
E.2.1	Estimated full cost of implementation	
E.2.2	Comments on estimated full cost of implementation	
E.3.1	Estimated incremental cost of implementation	
E.3.2	Comments on estimated incremental cost of implementation	

### F Estimated emission reductions

F.1 Amount	0.49
F.2 Unit	<input type="text" value="MtCO2e/yr"/>
F.3 Additional information (e.g. if available, information on the methodological approach followed)	In order to estimate the emissions reduction, we only considered the electric demand for natural gas for the period from 2015 (Launching operation of the plant) to 2029, but not the possible

extension of the contract for another period of 10 years, as is provided in the contractual terms. An average demand for the period was considered. The methodology followed was to calculate the difference between the amount of emissions produced by obtaining the final energy demanded by electric sector by the exclusive gas oil burning and natural gas burning. The total decrease of emissions, in the period considered would be 7.35 MtCO<sub>2</sub>e. Please note that the period specification is only due to the availability of demand forecast data; since the project will be extended further than 2029. Therefore, the total emission reduction amount for the project will be considerably superior than 7.35 MtCO<sub>2</sub>e.

#### G Other indicators

##### G.1 Other indicators of implementation

The number of years for completion is the time remaining to complete the Project since the date.

#### H Other relevant information

##### H.1 Other relevant information including co-benefits for local sustainable development

The availability of GNL as fuel for thermal generation, offers the possibility to have a primary energy source with very good environmental characteristics, at a potentially competitive price. Moreover, the Project allows better management of electricity balance during periods of low rainfall, and supporting the increasing electricity demand in a hydroelectric scenario almost fully exploited.

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

##### I.1 Relevant National Policies

UTE, the public power utility, is now investing USD 500.000.000 in a new generation plant based on natural gas, that includes gas turbines in combined cycle, complementing this project. More information at: <http://www.miem.gub.uy/gxpsites/hgxpp001?5,6,36,O,S,0,MNU;E;30;5;MNU;>

##### I.2 Link to other NAMAs

#### J Attachments

##### J Attachments

Title Description	
J.1	Attachment description
J.2	File