



**Joint Mission (IDB and the World Bank Group)  
Nicaragua  
Scaling Up Renewable Energy Program (SREP)**

**6-7 November 2014**

A Scoping Mission visited Managua, Nicaragua from 6 to 7 of November 2014 in order to initiate dialogue with the Government of Nicaragua, to advance the preparation of an IP under the Program for Scaling Up Renewable Energy Program (SREP). The mission met with officials from the Ministry of Finance and Public Credit (MHCP), Ministry of Energy and Mines (MEM), the National Electricity Transmission Company (ENATREL) and the Nicaraguan Electricity Company (ENEL). Additionally, the Mission met with the private sector and funders to present the SREP and have preliminary dialogues about opportunities for the development of renewable energy in Nicaragua. The mission is grateful for the support provided by officials of the various entities and the IDB in Nicaragua. This Aide Memoire summarizes the agreements reached during the mission and in Annex I a list of officials who participated in the various meetings is presented.

The mission aimed at the following objectives: (i) presenting the scope, benefits, procedures and modalities of implementation of the SREP program; (ii) kick start the tasks for preparation of the Investment Plan (IP) with the technical team of government; (iii) to survey plans and renewable energy projects in Nicaragua deemed relevant to the preparation of the IP; (iv) to agree on the critical path and identification of financial and human resources to prepare the IP and; (v) finally, to agree on the date agreed for the next World Bank Group and Inter-American Development Bank joint mission.

During the mission, the Government of Nicaragua through the Minister of MHCP stressed the importance of transforming the energy matrix of Nicaragua through the development of competitively priced renewable energy projects. In addition, the Minister of MHCP mentioned the need to increase food productivity using less energy cost and partnership between the public and private sectors to take the risks of renewable energy. The Government of Nicaragua stressed the importance of SREP resources to leverage additional resources to continue to transform the energy matrix.

The Government of Nicaragua and the Mission Team reviewed and analyzed in detail the following relevant tasks to develop the IP for Nicaragua:

**1) Definition of the technical team responsible for the preparation of the IP.** The MEM indicated that it will define and present an updated list of agency technical team responsible for the preparation of the IP before November 15, 2014. This information will be presented to banks by the MHCP.

**2) Guidelines for the preparation of the IP.** The Mission Team with the Government analyzed the process for preparing the IP, emphasizing the need to meet the requirements of SREP. Regarding the scope they established that a key criterion for the prioritization of projects is that they can leverage additional resources. Banks stressed the importance of considering SREP investment criteria in the selection of priority projects taking into consideration its scope, business models/implementation, and how resources are structured in SREP financing. Such criteria include the potential SREP projects to transform selected industry/target market, mobilizing additional resources, effective and strategic use of concessional funds, economic and financial viability of investments (and sustainability beyond the availability of concessional funding) and implementation capacity, among others.

**3) Critical path for the development and approval of the SREP IP.**

<b>Tasks</b>	<b>Dates</b>	<b>Responsible</b>	<b>Remarks</b>
First draft of SREP investment plan submitted to the Banks	19-Dec-2014	MHCP, MEM, ENATREL, ENEL	
Joint mission, including consultation with relevant stakeholders	15-Jan-2015 to 30-Jan-2015	MHCP, MEM, BID y GBM.	
Final Draft SREP Investment Plan.	27-Feb-2015	MHCP, MEM, ENATREL, ENEL	
Public consultation, evaluation and independent English translation of the SREP investment plan.	10-Mar-2015 to 20-Mar-2015	MHCP, MEM, ENATREL, ENEL	
Submit the final version of the SREP investment plan to the CIF Administrative Unit	31-Mar-2015	MHCP, MEM	
Adoption of SREP Investment Plan	May-2015	CIF	

**4) Support the Government of Nicaragua in the preparation of the IP.** Banks confirmed the Government of Nicaragua that they will provide the resources for hiring consultants to assist in the preparation of the IP. The consultants will be hired in November 2014.

**5) Presentation by the Government on its priorities.** The Government made a presentation of its priorities for the IP, which included the following areas of intervention:

- a) Geothermal Energy
- b) Rural Electrification
- c) Small-scale hydro projects
- d) Access to modern energy services for cooking
- e) Productive uses of solar energy

**6) Dialogue with private sector and funding agencies.** The Mission team made a presentation on the SREP program and highlighted opportunities for the participation of funding agencies and the private sector in the development of renewable energy in Nicaragua. The financial organizations expressed interest in the program and their current interventions currently supporting the development of renewable energy in Nicaragua.

Managua, on the 7th day of November 2014.

**For the MHCP**

---

José Adrián Chavarría  
Vice minister

**For ENATREL**

---

Salvador Mansell  
CEO

**For IDB**

---

Carlos Melo  
IDB Representative in Nicaragua

**For the MEM**

---

Lorena Lanza  
Vice minister

**For ENEL**

---

Ernesto Martínez  
CEO

**For World Bank**

---

Migara Jayawardena  
Senior Energy Specialist, World Bank

**For IFC**

---

Carolina Cárdenas  
IFC Representative Nicaragua

## **Annex I: List of participants in Workshop**

### **MHCP**

Iván Acosta, Minister  
Adrián Chavarría, Vice minister  
Uriel Pérez Acuña, Director of DGCP  
Marling Rodriguez, IDB-MHCP Link

### **MEM**

Emilio Rapaccioli, Minister  
Lorena Lanza, Vice minister  
Humberto Reyes  
Shuyan Delgado  
Mario González  
Julio Pérez

### **ENATREL**

Salvador Mansell, CEO  
Estela Martínez Cerrato  
Walter Vonledebur  
Carlos Moreira  
Alexis Vega

### **ENEL**

Ernesto Martínez, CEO  
Mario Torres Lezama  
Carlos Lovo Estrada  
Ariel Zúñiga  
Melba Sú

### **IDB**

Claudio Alatore  
Alfredo Idiarte  
María Isabel Haro  
Griselda Soto  
Héctor Baldivieso  
Alma Reyna Selva

### **World Bank**

Malcom Cosgrove-Davies  
Migara Jayawardena  
Federico Querio  
Laura Wendell Berman  
Carolina Cárdenas  
Paolo Bona  
Borja García  
Laura Gaensly

### **Other Financial Institutions**

Katsuhiko Shino, JICA  
Diana Oviedo, JICA  
Javier Gutiérrez, Canadian Cooperation  
Sandra O., European Union  
Carolina López, BCIE

### **Private Sector**

Gustavo Acosta, Disnorte y Dissur  
Antonio Palomares, Disnorte y Dissur  
Vladimir Delagneau, Tecnosol  
Antonio Duarte, Polaris Energy Nicaragua  
Moisés López, Cerro Colorado Power  
Karen Urcuyo Mejía, Pelican, S.A.  
Allan Cruz Quintero, Pelican, S.A.  
Liza González, Paso Pacífico  
Marlyng Buitrago, Proleña/Renovables