

# First Arab States Regional South-South Development EXPO

## Successful South-South Solution Nomination Form

Deadline for electronic submission: **30 September 2013**

### How to nominate a solution:

- Please underline one of the three stages of transfer relevant to a South-South solution being nominated:**
  - A solution has proven successful, is packaged, and is considered for a South-South transfer.
  - A solution is already in the process of the South-South transfer.**
  - A solution has already been transferred and is being internalized by the recipient country.
- Underline one solution forum to which a South-South solution is being nominated:**

<u>Solution Forum A [Promoting Youth Employment through SSTC in the Arab States led by the ILO]</u>	Solution Forum D [title of the solution forum led by ESCWA]
Solution Forum B [UNEP]	Solution Forum E [title of the solution forum led by IFAD]
Solution Forum C [title of the solution forum led by UNDP]	Solution Forum F [title of the solution forum led by UN Women]
- Acquaint yourself with the selection criteria (provided below) relevant to the stage identified.**
- Kindly fill in the below questionnaire in accordance with the following instructions:**
  - For a solution ready for transfer answer questions in sections A to C.
  - For a solution in the process of transfer answer questions A to D.
  - For a solution already transferred answer questions A to E.
- Please email the nomination form to the following email address: sarah.brun@unwomen.org**
  - The nomination form must be completed and sent before the deadline indicated at the top of this document.
  - The subject field of the email message should say: "EXPO Nomination: Solution Forum [A,B,C,D,E or F]".

### Selection criteria:

#### **Stage I: A solution has proven successful, is packaged, and is considered for a South-South transfer.**

**Criteria I.1: Verifiable results are in place:** The solution is successful because it has achieved verifiable results, including in terms of capacities developed. It is also recognized as a successful practice by others.

**Criteria I.2: Solution is packaged for a transfer:** Knowledge resources and a methodology of transfer are in place, such as technological know-how, manuals, reference information, tools; transfer capacities are in place, such as experts and (to the extent possible) material/financial resources.

**Criteria I.3: Level of preparedness of a requesting country (in case it has been already identified):** Concrete institutions and/or focal points to participate in the South-South transfer have been already assigned by the requesting country.

**Criteria I.4: Relevance of a solution to national development priorities of a requesting country (if already identified):** Expected outcomes of implementation of a solution are clearly aligned to one of national development priorities of a recipient country.

#### **Stage II: A solution is already in the process of the South-South transfer.**

**Criteria II.1: Initial preparations and action plan in place:** Preliminary interaction such as exchange visits, peer-to-peer consultations have taken place, as well as some kind of formal endorsement on a South-South transfer and the action plan are in place.

**Criteria II.2: Situational analysis initiated:** A solution recipient has initiated/conducted, in cooperation with a solution provider, a process of analyzing the context, such as identifying existing capacities and capacity gaps, resource needs and sources, legal frameworks, sustainability of solution after adoption, as well as any other relevant elements.

**Criteria II.3: Capacity development initiated:** Some type of capacity development exercises initiated/conducted between solution provider and solution recipient, including but not limited to workshops, study tours, on-the-job training.

#### **Stage III: A solution has already been transferred and is being internalized by the recipient country.**

**Criteria III.1: Solution effectively transferred:** The majority of planned transfer activities have been successfully implemented as well as all key expected outcomes achieved.

**Criteria III.2: Adaptation of solution initiated:** Relevant legal/regulatory, institutional, financing and other mechanisms adjusted with a view of effective adaptation of a solution, as well as a clear plan of follow up activities is in place.

**Criteria III.3: Sustainability:** Solution recipient possesses all necessary means and resources, including technical capacity, know-how, access to financial and other material resources to continue to effectively utilize and further develop solution received as a result of a South-South transfer.

**First Arab States Regional South-South Development EXPO  
Successful South-South Solution Nomination Form**

**Deadline for electronic submission: 30 September 2013**

<b>A. Description of the South-South Cooperation experience</b>	
1. Indicate the title of a South-South Solution:	<i>This may or may not coincide with the project title. It should be "attractive", concise and clear.</i> <b>Women for Solar Electrification of Rural Villages</b>
2. Solution-provider	<i>Please indicate the country where a solution originates from.</i> <b>India, Telonia</b>
3. Solution-seeker(s)	<i>Please indicate the country (countries) that could express potential interest in a solution.</i> <b>Jordan and other Arab Countries</b>
4. Which thematic areas of the EXPO does a solution address?	<i>Please underline one or more thematic area(s) addressed by a solution.</i> <b>a) Youth/Women Employment</b> <b>b) Energy Efficiency / Renewable Energy</b> <b>c) Water / Food Security</b>
5. What did a solution achieve in the originating country?	<i>Please describe initial objectives of a solution in the originating country</i> <b>Women economic empowerment and poverty alleviation through the creation of a women's cooperative in the village running a Solar PV (Photovoltaic) assembly and training center. Providing a sustainable source of energy by training rural women on building solar energy systems.</b> <b>Enhancing education for school students by providing a sustainable source of illumination.</b> <b>Minimizing the country's carbon footprint by using a renewable energy source.</b> <b>Improving the standard of living for rural communities by introducing a socio-economic project based on selling solar energy systems.</b> <b>Encouraging young men and women to develop economic opportunities in rural and remote villages.</b>
	<i>Please describe the outcomes achieved by a solution that are expected to be replicated</i> <b>Creation of a rural village cooperative which is run by the village women aimed at producing solar energy systems, training other rural women and carrying out maintenance on the solar PV systems.</b>
6. What are the important basic factors/criteria that the solution-seeker should qualify with in order to be able to effectively adopt the proposed solution?	<i>Describe the specific criteria that the solution-seeker should meet to successfully internalize the SSC experience.</i> <ul style="list-style-type: none"> <li>• <b>Women in the community need to be empowered to make a change which improves their lifestyle and economic situation.</b></li> <li>• <b>Readiness of local women to participate in a training workshop for up to 60 days.</b></li> <li>• <b>Support of donor organizations ready to provide financial support in the country.</b></li> <li>• <b>Supportive legislation and regulations in the country encouraging the establishment and effective administration of such cooperatives.</b></li> <li>• <b>Strong local backing from experienced organizations, governmental agencies and financial institutions.</b></li> <li>• <b>Identification of a supplier of low cost electronic equipment, components and tools.</b></li> </ul>
7. What institutions are involved in this SSC experience?	<i>Specify the name of the institutions or organizations that finance, support, participate or integrate this experience, indicating the country to which they belong and in what capacity.</i> <b>Barefoot College (India) is a non-governmental organization that has been providing basic services and solutions to problems in rural communities for more than 40 years, with the objective of making them self-sufficient and sustainable. For the solar electrification of villages, Barefoot College annually trains about 100 grandmothers from India and 80 grandmothers from international rural villages located in the least developed countries. The grandmothers complete a comprehensive 6 month solar engineering training program at Barefoot College campus in India where they learn how to light up solar home units, solar lamps, and charge controllers. Upon completion of training, the grandmothers return to their village to electrify up to 250 households</b>

	with solar lighting units and assume the responsibility of repair and maintenance for a minimum of 5 years.
8. What has this solution achieved to date?	List the three main outcomes of the Solution. Each outcome must be specific and attributable to the experience (Maximum 50 words per outcome)
	1.Young and old Women are empowered to become net economic providers in the poverty stricken rural communities
	2. 80 rural homes of local community members have been fitted with Solar PV light systems
	3. The local cooperative provides a financial sustainable income for local women
<b>B. Contact information</b>	
Indicate a person from the offering country/countries and a person from the requesting country/countries that may be contacted for further information	
Country/offering country India	Country/requesting country Jordan
Name and title: Meagan Carnahan Fallone, Global Strategy & Development Barefoot College, Tilonia, Ajmer District, Rajasthan INDIA www.barefootcollege.org	Name and title: Jordan Friends of Environment Society, Raouf Dabbas, Vice-President.
Telephone (with area code): +1 646 781 4353	Telephone (with area code): 011 962 79 5524024
E-mail: mfc.barefoot@gmail.com	E-mail: rdabbas4@gmail.com
Project web page: www.barefootcollege.org	Project web page: www.foejo.org

<b>C. Value proposition</b>	
9. What is the most significant contribution of the offering country/countries experience to the social and sustainable development of the potential requesting country(ies)?	Highlight the most significant outcome. This must be concrete and attributable to the initiative. (Maximum 50 words)
	As of 2013, the Worldwide Solar Domestic Lighting of the Barefoot College has reached 64 countries, trained 859 people in solar engineering, and has been active in 1081 villages and 45000 houses. Therefore, the main outcomes involve: - illiterate rural women being trained in solar engineering and acquiring the necessary administrative and financial skills to run the cooperative sustainably. - equipping trainees with technical skills necessary for building and maintaining solar photovoltaic energy systems for small houses. - providing the trainees with the necessary tools and solar systems necessary to establish assembly centers in the local community.
10. What evidence is there that the initiative has overcome or transformed the specific experience to which it responds?	Provide the indicator(s) for verification of the transformation resulting from the experience of the offering country/countries (100 words)
	<ul style="list-style-type: none"> <li>A minimum of 8 women are trained in solar engineering in the rural village to be able to build and assemble a solar photovoltaic system for home use.</li> <li>A profit generating cooperative is up and running in the rural village.</li> <li>The local community is interested and is willing to purchase the solar system.</li> <li>Women from other rural villages are trained and transfer their experience to their villages.</li> </ul>

	<ul style="list-style-type: none"> <li>Local funding for the project development is committed for the startup phase of the project.</li> <li>Local consumption of conventional electricity in the homes with solar systems is reduced.</li> <li>The cooperative is generating a sustainable income for the women in the village.</li> <li>A marketing strategy for products is developed and operationalized.</li> </ul>
11. What instruments, tools or methodologies have been developed to support or facilitate the transfer/replication of the solution or experience of the offering countries to recipients?	<p><b>Indicate the specific skills, knowledge, technologies, methodologies, etc., which can benefit similar initiatives. Maximum 50 words each.</b></p> <ol style="list-style-type: none"> <li>No formal school education is required to acquire the necessary skills for this project. Manuals and notebooks will be supplied by the trainers. Training is done by practical work; repetition of the work is conducted until all trainees can build complete systems.</li> <li>Specific electronic equipment and tools must be available during training in order to build solar PV systems and to conduct testing.</li> <li>Trainees will be provided with completed solar systems upon successfully concluding the training phase. These systems are essentially provided as compensation for the time they spent at the Solar PV training workshop. The semi-assembled PV systems can be assembled in their village/home when they return.</li> </ol>
12. Why has the experience been relevant for the recipient countries?	<p><b>Explain the national priorities of the recipient country/countries to which the offering country/countries contribute (100 words).</b></p> <p>Many southern and developing countries are struggling with social and economic issues, and therefore, governments are being asked to find low cost and sustainable solutions. Countries contributing to the implementation of this project will be supporting recipient countries to achieve their national priorities in the area of Poverty Eradication, Women Empowerment and developing Renewable Energy sources.</p>
13. What exchange activities have taken place between offering and requesting countries?	<p><b>Describe the three most significant exchange activities that have been conducted. Do not exceed 100 words.</b></p> <ol style="list-style-type: none"> <li>Two illiterate women from a rural village in Jordan spent 6 months in India (Barefoot College) and received training on the Solar PV electrification project.</li> <li>Despite the enormous language barrier, the 2 women were trained and returned to Jordan with this knowledge.</li> <li>Parts, tools and components were shipped from India to Jordan and 80 houses were fitted with solar PV electric energy lighting.</li> </ol>
<b>Please continue to the next question if a solution is already in the process of the South-South transfer or already transferred</b>	

<b>D. Adaptation of the experience in the process of the South-South transfer</b>	
14. What assessment and or/analysis actions of the current context have been advanced to adapt the experience to the requesting country?	<p><b>Describe the three most significant actions</b></p> <ol style="list-style-type: none"> <li>Arabic will be the language used in the training manual and training sessions. The use of foreign languages influences the length of the training period.</li> <li>The length of training will be reduced to 30 days. Women cannot easily be away from their families and loved ones and in many cases women are needed for doing home chores.</li> <li>Women trained in the local women cooperative will also receive administrative and financial training. Technical training will not be enough to allow the sustainable administration of the cooperative.</li> </ol>
15. Describe the three most significant challenges for the adaptation of the experience.	<p><b>Describe each pertinent challenge in 50 words</b></p> <ol style="list-style-type: none"> <li>Locating and securing less costly and closer to home suppliers of electronic parts and components. In order to keep the locally manufactured solar products as low cost as possible, local suppliers of parts and components must be found. The sale of solar systems to the most needy i.e. lower income and financially challenged members of the rural communities will require the lowest cost possible. Cutting down shipping costs and finding suppliers offering lower costs on parts and components will bring down the cost of production and will be reflected on the lower retail price of the solar systems.</li> <li>Setting up local cooperatives in remote villages. As rural and remote communities are far from cities and administrative institutions, providing administrative and financial training for cooperatives will be time consuming and will require specialized experts.</li> </ol>

	<p>3. The consumers of the Solar PV systems will in many cases be the community members with the least income and will certainly face challenges to acquire the relatively low cost PV systems. Therefore a financial mechanism should be developed with local financial institutions to provide low interest loan facilitation for rural customers.</p>
16. How has the experience contributed to strengthening the institutional capacities?	<p><b>Succinctly describe the main contributions to strengthening the capacities of the requesting country.</b></p> <p>Active NGOs ready to support rural communities to develop Solar PV projects in rural communities i.e. capacity building, proposal writing.</p> <p>Start-up and timely guidance and support from ministries and local governments by assisting key rural communities' members (women) and facilitating their PV training as well as the creation of Solar PV training and assembly centers.</p> <p>Find and identify funding agencies (UNEP, UNDP, GEF, UN Women) willing to provide immediate start-up funds for the women who have been trained and are prepared to start their own training and assembly cooperatives in their villages.</p>
17. What instruments, tools or methodologies have been adapted to the context of the requesting country/countries?	<p><b>Indicate the specific skills, knowledge, technologies, methodologies, etc. which have been adapted. Maximum 50 words each.</b></p> <p>1. Translation of the training manual from English into Arabic will improve the training process and dramatically shorten the length of the training workshop.</p> <p>2. Local experts trained in the development of women cooperatives will strengthen and support the development of rural women cooperatives.</p> <p>3. Setting up a simple and swift financial assistance mechanism by local banks to finance small purchases by the rural community customers.</p>
<p><b>Please continue to the next question if a solution is already transferred</b></p>	

<p><b>E. Consolidation of the partnership for solution already transferred and being internalized by the recipient country</b></p>	
18. What are the most significant goals of the work plan agreed to by the participating countries?	<p><b>Succinctly describe the main goals agreed to in the cooperation process and their state of implementation.</b></p> <ul style="list-style-type: none"> <li>• Finding a suitable donor or sponsor organization to fund the start-up of the project.</li> <li>• Locating suitable cost effective sources of parts and components of the PV system.</li> <li>• Locating an experienced NGO standing by to provide necessary technical and administrative support during the start-up phase.</li> </ul>
19. Describe three skills developed through this experience in the recipient country/countries.	<p><b>Describe the human, technical or financial resources that the recipient country provides to adapt the experience to its context.</b></p> <p>1. Local technical skills in the area of setting up local cooperatives or NGO and training.</p> <p>2. Local knowledge and experience in governmental procedures (import and legal registration procedures).</p> <p>3.</p>
20. Describe the policies, organizations, regulations or procedures established in the recipient country/countries as a result of this cooperation process.	<p><b>Succinctly describe the main institutional outcomes of the consolidation of the partnership.</b></p> <p>1. Clear methodology for training of local community is available.</p> <p>2. Clear and simple training manual containing easy to follow procedures.</p> <p>3. Requirements of tools, training equipment and location are clearly identified.</p>
21. What agreements, instruments or methodologies have been established to consolidate a long-term horizontal cooperation	<p><b>Specifically indicate agreements, instruments or methodologies that seek to consolidate a long-term cooperation relationship. Maximum 50 words each.</b></p> <p>1. The offering country is ready to provide follow-up technical support to the requesting country. It is important to maintain close communication with the offering country in order to provide experience in post-training phase. Such communication could start with the supporting NGO but must latter be maintained through a rural Community-Based Organization (CBO) or a NGO.</p>

	2.
	3.
THANK YOU	