

# BRESL

## Quarterly Review January – March 2012



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# Annual Review Report

**Date: 2 April 2012**

**Award ID: 00058072**

## **Description:**

**The United Nations Development Program and the Government of Pakistan (through ENERCON) entered into an Agreement in July, 2009 with a view to:**

- **Improve and produce Energy Efficient Home Appliances.**
- **Set Standards and Labels for the six targeted home appliances i.e. Fans, CFLs, Ballasts, Motors, Refrigerators and Air-conditioners.**

**Project BRESL aims at rapidly accelerating the adoption and implementation of energy efficiency standards and labels (ES&L) in participating countries of Asia, i.e. Bangladesh, China, Indonesia, Pakistan, Thailand and Vietnam, and in so doing bring about energy savings through use of energy efficient appliances/ equipment.**

## **Implementing Partners:**

**The Implementing Partners for the project are United Nations Development Programme, GEF and ENERCON**

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# Acronyms

<b>AWP</b>	<b>Annual Work Plan</b>
<b>BRESL</b>	<b>Barrier Removal to the cost effective development and implementation of Energy Efficiency Standards and Labeling</b>
<b>CFL</b>	<b>Compact Fluorescent Lamp</b>
<b>ENERCON</b>	<b>National Energy Conservation Center</b>
<b>GEF</b>	<b>Global Environment Facility</b>
<b>GoP</b>	<b>Government of Pakistan</b>
<b>MoE</b>	<b>Ministry of Environment</b>
<b>MOWP</b>	<b>Ministry of Water &amp; Power</b>
<b>NPD</b>	<b>National Project Director</b>
<b>NPC</b>	<b>National Project Coordinator</b>
<b>PSCC</b>	<b>Project Stakeholders Coordination Committee</b>
<b>PSC</b>	<b>Project Steering Committee</b>
<b>RPSC</b>	<b>Regional Project Steering Committee</b>
<b>RPMU</b>	<b>Regional Project Management Unit</b>
<b>TWG</b>	<b>Technical Working Group</b>
<b>TOR</b>	<b>Terms of Reference</b>
<b>UNDP</b>	<b>United Nations Development Program</b>

# Project Issues

Status of Project Risks:

Risk log attached

Open Project Issues:

Issue log attached

# Project Performance

## Output I

**ID :** *ES&L Policy Making Program*

### Description:

ES&L policy making program provides a legal basis for prescribing and enforcing energy efficiency standards and labelling regime.

### Targets 2012:

- ES&L Policy Formalization
- Adoption of Testing Protocols for BRESL Targeted Appliances & their Harmonization
- Development of MEPS for 6 Targeted Appliances
- Adoption of labelling regime

### Achievements 1<sup>st</sup> Quarter 2012:

- Draft Pakistan Energy Efficiency Conservation (PEEC) Bill prepared and circulated to Stakeholders
- ES&L Policy Summary submitted to MOWP for Approval of Cabinet
- EE Endorsement Labelling Procedure developed, approved by PSC in principle, and is now under circulation with PSC members for refinement/ adoption
- A meeting of Technical Committee of PSQCA organized by BRESL Project for approval of Testing Protocol for Refrigerators. The committee approved the Protocol in principle and is under processing for notification. (Testing Protocols for remaining 5 BRESL targeted appliances have already been adopted)
- A meeting of Technical Committee of PSQCA organized for approval of MEPS for fans, prepared by BRESL Project. The committee approved the MEPS for fans in principle and is under processing for notification. (MEPS for CFLs, Magnetic & Electronic Ballasts, and Motors have already been adopted)

Activity ID: *ES&L Policy*  
 Deliverable Description: As Above  
 Start and End Date: January- March 2012  
 % Progress to date: In progress

Quality Criteria	Date	Results of Activities		
		User Perspective	Resource Status	Timeliness

### Financial

Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
63400	62000	GEF Trustee	Pak-National Execution	13,000	-	13,000
71400	62000	GEF Trustee	Pak-National Execution	20,085	-	20,085
71600	62000	GEF Trustee	Pak-National Execution	4,000	1,672	14,413
72100	62000	GEF Trustee	Pak-National Execution	15,000	-	15,000
74200	62000	GEF Trustee	Pak-National Execution	2,915	-	2,915

## Output II

### ID : *ES&L Capacity Building Program*

#### Description:

To facilitate awareness and implementation of ES&L regime, and to enhance the support mechanism.

#### Targets 2012:

- Training to strengthen and enable Public Institutions to support development and implementation of ES&L Programs
- Capacity enhancement in the development and implementation of Standards & Labeling for the 6 Targeted Products
- Strengthening of National and Regional Testing and Certification Infrastructure
- Strengthening of Data Collection and Reporting Procedures on Equipment Availability and Sales by Efficiency Level in Participating Countries (In 3<sup>rd</sup> and 4<sup>th</sup> Quarters)

#### Achievements 1<sup>st</sup> Quarter 2012:

- Stakeholders' Consultative Meeting organized at University of Gujrat with fan manufacturers to create ES&L awareness
- Meetings with University of Gujrat and Institute of Space Technology for establishing accredited EE testing laboratories for BRESL targeted appliances
- Liaison with R&D Organizations and Associations of Manufacturers to facilitate implementation of ES&L regime
- Meeting held with Ministry of Science & Technology for enhanced collaboration for implementation of ES&L regime
- Meeting held with GEF Focal Agency (Ministry of National Disaster Management) to streamline ES&L support activities
- PC-I prepared and submitted by PCSIR EMTL (Electrical Measurements & Testing Laboratory) for seeking approval for funding to upgrade their facility/laboratory for EE testing of BRESL targeted appliances
- Public/Private Sector being encouraged through awareness campaigns to establish EE testing facilities
- Proposal submitted for seeking approval of RPMU for training of Pakistan personnel for EE Testing in Accredited Laboratories in China
- Draft Feasibility Reports under preparation/ updating by TWG
- Data collected & compiled for locally available BRESL Products

Activity ID: *ES&L Capacity Building Program*

Deliverable Description: As above

Start and End Date: January- March 2012

% Progress to date: In progress

Quality Criteria	Date	Results of Activities		
		User Perspective	Resource Status	Timeliness



Financial						
Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
63400	62000	GEF Trustee	Pak-National Execution	20,000	-	20,000
71400	62000	GEF Trustee	Pak-National Execution	34,360	-	34,360
71600	62000	GEF Trustee	Pak-National Execution	7,000	-	7,000
72100	62000	GEF Trustee	Pak-National Execution	28,000	-	28,000
74200	62000	GEF Trustee	Pak-National Execution	10,000	-	10,000
74500	62000	GEF Trustee	Pak-National Execution	1,640	-	1,640

### Output III

#### ID : *ES&L Manufacturer Support Program*

#### Description:

To put in place manufacturer support program with reference to the six BRESL targeted appliances

#### Targets 2012:

- Product Technical Analysis and Reports
- Educational Workshops for manufacturers and retailers on impacts of standards / ways to work with standards to increase profitability
- Technical assistance to address marketing/ financial barriers for the manufacturing of equipment and appliances for improving their energy efficiency

#### Achievements 1<sup>st</sup> Quarter 2012:

- Locally manufactured BRESL targeted products surveyed/ tested for provision of data for development of MEPS, and later analysis/ reports
- Meeting organized at University of Gujrat with fan manufacturers, Academia/ Universities, R&D Organizations and Associations of Manufacturers to ascertain their requirements for support
- Participated in a meeting at GIDS (Global Industrial Defence Solutions), attended also by Universities and R&D Organizations to streamline technical support for improvement in energy efficiency of locally manufactured home appliances.
- Meeting held with Institute of Space Technology for establishing energy efficiency testing facilities and encouraging educational projects for improvement in energy efficiency of home appliances.
- Awareness Campaigns regarding ES&L Regime initiated through Print Media

Activity ID: *ES&L Manufacturers Support*

Deliverable Description: As above

Start and End Date: January- March 2012

% Progress to date: In progress

Quality Criteria		Date	Results of Activities			
			User Perspective	Resource Status	Timeliness	
<b>Financial</b>						
Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
63400	62000	GEF Trustee	Pak-National Execution	5,915	-	5,915
71400	62000	GEF Trustee	Pak-National Execution	20,085	-	20,085
71600	62000	GEF Trustee	Pak-National Execution	8,000	-	8,000
72100	62000	GEF Trustee	Pak-National Execution	18,000	4,063	13,937
74200	62000	GEF Trustee	Pak-National Execution	8,000	-	8,000

## Output IV

### ID : *Regional Cooperation Programme*

#### Description:

Development/ updation of a regional website and sharing of reports

#### Targets 2012:

- Project web-site maintenance and updating
- Lessons learnt reports (3<sup>rd</sup> and 4<sup>th</sup> Quarters)
- Regional Efficiency Standards and Labeling Network (3<sup>rd</sup> and 4<sup>th</sup> Quarters)
- Regional ES&L harmonization initiative (3<sup>rd</sup> and 4<sup>th</sup> Quarters)
- Preparation of a Plan for Regional Activities and Coordination after the GEF Funded Project ends (4<sup>th</sup> Quarter)

#### Achievements 1<sup>st</sup> Quarter 2012:

- BRESL Project Pakistan web-site developed, maintained and updated
- BRESL Project Pakistan participated in the 4<sup>th</sup> RPSC Meeting held in Phuket, Thailand from 26 to 28 March 2012
- Requisite input provided by BRESL Pakistan to TWG/RPMU for Regional ES&L harmonization
- Harmonization of Regional Efficiency Standards and Labeling Network being established by RPMU
- Plan for regional activities and coordination after the GEF Funded Project ends being initiated by TWG/RPMU

Activity ID: *ES&L Regional Cooperation*  
Deliverable Description: As above  
Start and End Date: January- March 2012  
% Progress to date: In progress

Quality Criteria			Date	Results of Activities		
				User Perspective	Resource Status	Timeliness
Financial						
Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
71400	62000	GEF Trustee	Pak-National Execution	8,811	-	8,811
71600	62000	GEF Trustee	Pak-National Execution	22,000	-	22,000
72100	62000	GEF Trustee	Pak-National Execution	4,689	-	4,689
72440	62000	GEF Trustee	Pak-National Execution	500	-	500
74200	62000	GEF Trustee	Pak-National Execution	7,000	-	7,000

<b>Output V</b>						
<b>ID : <i>ES&amp;L Pilot Project</i></b>						
<b>Description:</b> Pilot projects to create awareness among consumers						
<b>Targets 2012:</b>						
<ul style="list-style-type: none"> <li>Development of Consumer Education Schemes</li> </ul>						
<b>Achievements 1<sup>st</sup> Quarter 2012:</b>						
<ul style="list-style-type: none"> <li>Awareness campaigns on adopted MEPS initiated</li> <li>Awareness campaign regarding introduction of ES&amp;L Regime in the country initiated</li> <li>Participated in 9<sup>th</sup> International Trade &amp; Industry Fair, 6<sup>th</sup> Oil &amp; Gas Asia Exhibition, International Conference on Alternate Energy &amp; Power, and Energy Conservation Convention 2012 in Karachi. The theme was ‘progressing towards an energy efficient and sustainable future of Pakistan’, and the opportunity was fully exploited to create awareness regarding energy efficient standards and labelling regime in Pakistan.</li> <li>Universities/ academia being encouraged through consultative meetings to promote ES&amp;L regime in Pakistan</li> </ul>						
Activity ID: <i>Pilot Project</i>						
Deliverable Description: As above						
Start and End Date: January- March 2012						
% Progress to date: In progress						
Quality Criteria			Date	Results of Activities		
				User Perspective	Resource Status	Timeliness
Financial						
Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
74200	62000	GEF Trustee	Pak-National Execution	25,000	-	25,000

**Output VI****ID : *Project Management*****Description:**

Operational management of project office.

**Targets 2012:**

- Operation & maintenance of Project Management Office

**Achievements 1<sup>st</sup> Quarter 2012:**

- Satisfactory functioning of project office

Activity ID: ***Project Management***

Deliverable Description: As above

Start and End Date: January- March 2012

% Progress to date: In progress

Quality Criteria	Date	Results of Activities		
		User Perspective	Resource Status	Timelines

**Financial**

Account	Fund	Donor	R. Party	Budget	Expenditure	Balance
71400	62000	GEF Trustee	Pak-National Execution	49,914	15,741	34,173
72200	62000	GEF Trustee	Pak-National Execution	2,941	-	2,941
72400	62000	GEF Trustee	Pak-National Execution	3,106	23	3,083
73100	62000	GEF Trustee	Pak-National Execution	1,216	-	1,216
73410	62000	GEF Trustee	Pak-National Execution	4,235	552	3,683
74200	62000	GEF Trustee	Pak-National Execution	588	339	249
74500	62000	GEF Trustee	Pak-National Execution	4,000	732	3,268

# Lessons Learnt

Lesson learnt log attached



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Resilient nations.*

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