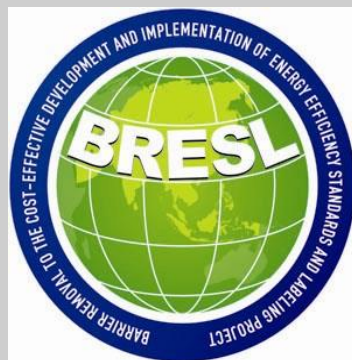


BRESL

Quarterly Review July – September 2012



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<http://www.un.org.pk/undp>

BRESL PROJECT
ENERCON Building, G-5/2
ISLAMABAD
www.bresl.net.pk

Annual Review Report

Date: 5 October 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

Contents

- 1. List of Acronyms**
- 2. Project Issues**
- 3. Project's Performance**
- 4. Lessons's Learnt**

Acronyms

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

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 Up to 3rd Quarter 2012:

- Draft Pakistan Energy Efficiency Conservation (PEEC) Bill was prepared and circulated to Stakeholders. After incorporating the inputs, this was presented to the Parliament for passage. However, due to Devolution Process, Council of Common Interests (CCI) desired this to be circulated to the Provinces. This was done and the suggestions received were discussed in a meeting with Provinces. PEEC Bill has now been revised and submitted to Ministry of Water & Power (MOWP) for further processing by CCI and passage by Parliament.
- ES&L Policy Summary has been amended in light of comments received from stakeholders and submitted to MOWP for approval of Federal Cabinet.
- EE Endorsement Labelling Procedure along with Pakistan Energy Label Logo developed and approved by Project Steering Committee (PSC) in principle. Revised procedure and logo circulated to the members of PSC. Procedure has been revised in light of received inputs, and re-circulated to PSC members for their review/ comments. There were no suggestions regarding the Logo, and stands approved. It is planned to formally launch the Procedure in 4th Quarter of 2012.
- 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)
- PSQCA requested for adoption status of another International Protocol for Refrigerators to cover temperature range differences in the newer class of refrigerators using inverter technology.
- A meeting of Technical Committee of PSQCA organized for approval of MEPS for fans, prepared by BRESL Project. The committee approved in principle the MEPS for fans for its notification after finalization. MEPS for CFLs, Magnetic & Electronic Ballasts have already been approved by PSQCA, while the MEPS for Motors have been drafted and are under review for approval.

Activity ID:	<i>ES&L Policy</i>					
Deliverable Description:	As Above					
Start and End Date:	January- September 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	6,599	13,486
71600	62000	GEF Trustee	Pak-National Execution	4,000	1,969	2,031
72100	62000	GEF Trustee	Pak-National Execution	15,000	-	15,000
74200	62000	GEF Trustee	Pak-National Execution	2,915	1,378	1,537

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 3rd and 4th Quarters)

Achievements Up to 3rd 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. MoST is being persuaded to expedite finalization/ establishment of facility.

- PCSIR has been persuaded to opt to participate in EE comparison tests of typical product (fans and motors), being arranged by RPMU, China.
- Public/Private Sector being encouraged through awareness campaigns to establish EE testing facilities
- As a result of awareness campaign and consultative meetings, many of the manufacturers are on board for adoption/ launching of ES&L regime. Working Group for Fans, consisting of public and private sector representatives, is devising the strategy for adoption/ implementation of the regime in fan sector
- Proposal submitted for seeking approval of RPMU for training of Pakistan personnel for EE Testing in Accredited Laboratories in China
- Technical Expert of BRESL Pakistan attended a study tour of China, arranged by RPMU and CNIS (China National Institute for Standards and EE Testing). Tour included on site training for EE Testing of CFLs, Motors, Air conditioners and Refrigerators
- Participated in “National Strategy for Energy Efficient Lighting and Lighting Products”. Presented BRESL Project to provincial energy departments
- 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- September 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	6,867	27,493
71600	62000	GEF Trustee	Pak-National Execution	7,000	244	6,756
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 Up to 3rd 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
- A Working Group for Fans, consisting of public and private sector representatives, has been formed and tasked to devise strategy for adoption/ implementation of the regime in fan sector.
- 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- September 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	5,915	-	5,915
71400	62000	GEF Trustee	Pak-National Execution	20,085	6,599	13,486
71600	62000	GEF Trustee	Pak-National Execution	8,000	1,392	6,608
72100	62000	GEF Trustee	Pak-National Execution	18,000	4,127	13,873
74200	62000	GEF Trustee	Pak-National Execution	8,000	67	7,933

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 (3rd and 4th Quarters)
- Regional Efficiency Standards and Labeling Network (3rd and 4th Quarters)
- Regional ES&L harmonization initiative (3rd and 4th Quarters)
- Preparation of a Plan for Regional Activities and Coordination after the GEF Funded Project ends (4th Quarter)

Achievements Up to 3rd Quarter 2012:

- BRESL Project Pakistan web-site developed, maintained and updated
- BRESL Project Pakistan participated in the 4th RPSC Meeting held in Phuket, Thailand from 26 to 28 March 2012
- BRESL Project Pakistan established information sharing network with Lites.Asia based in China for data collection, R & D on global EE lighting products.
- Requisite input provided by BRESL Pakistan to TWG/RPMU for Regional ES&L harmonization
- Project personnel participated in 1st TWG Meeting 2012 held in China during 24 to 27 September 2012. The team presented the TWG Feasibility Report on fans as lead country and actively contributed in the discussions held during the meeting on motors and CFL.
- 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- September 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	2,736	19,264
72100	62000	GEF Trustee	Pak-National Execution	4,689	127	4,562
72440	62000	GEF Trustee	Pak-National Execution	500	-	500
74200	62000	GEF Trustee	Pak-National Execution	7,000	-	7,000

Output V

ID : *ES&L Pilot Project*

Description:

Pilot projects to create awareness among consumers

Targets 2012:

- Development of Consumer Education Schemes

Achievements Up to 3rd Quarter 2012:

- Awareness campaigns on adopted MEPS initiated
- Awareness campaign regarding introduction of ES&L Regime in the country initiated
- Participated in 9th International Trade & Industry Fair, 6th Oil & Gas Asia Exhibition, International Conference on Alternate Energy & 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.
- Universities/ academia being encouraged through consultative meetings to promote ES&L regime in Pakistan

Activity ID: *Pilot Project*
 Deliverable Description: As above
 Start and End Date: January- September 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	9,632	15,368

Output VI

ID : *Project Management*

Description:

Operational management of project office.

Targets 2012:

- Operation & maintenance of Project Management Office

Achievements Up to 3rd Quarter 2012:

- Satisfactory functioning of project office

Activity ID: *Project Management*
Deliverable Description: As above
Start and End Date: January- September 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	49,914	34,234	15,680
72200	62000	GEF Trustee	Pak-National Execution	2,941	-	2,941
72400	62000	GEF Trustee	Pak-National Execution	3,106	1,775	1,331
73100	62000	GEF Trustee	Pak-National Execution	1,216	-	1,216
73410	62000	GEF Trustee	Pak-National Execution	4,235	553	3,682
74200	62000	GEF Trustee	Pak-National Execution	588	339	249
74500	62000	GEF Trustee	Pak-National Execution	4,000	1,544	2,456

Lessons Learnt

Lesson learnt log attached



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United Nations Development Programme
4th Floor, Serena Business Complex
Khayaban-e-Suhrawardy,
Sector G-5/1
PO Box 1051

Islamabad, Pakistan

<http://www.un.org.pk/undp>

Project Address:

BRESL Project, 1st Floor ENERCON Building, G-5/2, Islamabad

Website: www.bresl.net.pk