



## IN THIS ISSUE:

- MOU Signed for the Assessment of Energy Efficiency Consideration by Financiers
- LCEI Project Participated and Contributed in the Ozone2Climate Technology Expo and Industry Roundtable
- Contract to develop Energy Efficiency Awareness Materials Awarded to Eight Cubed Pvt. Ltd.
- Contract Awarded for the Printing of Energy Efficiency Badge
- Awareness Workshops Conducted in Lh. Hinnavaru and AA. Thoddo
- Research Shows the Willingness to Implement Energy Efficiency Measures

## MOU Signed for the Assessment of Energy Efficiency Consideration By Financiers

5th July 2017



A Memorandum of Understanding (MoU) was signed on 5<sup>th</sup> July 2017, between the Ministry of Environment and Energy (MEE) and the Maldives National University (MNU) for the “Assessment of energy efficiency consideration by financiers”. Minister of Environment and Energy Mr.Thoriq Ibrahim signed the MoU on behalf of the Ministry and the Chancellor Dr. Mohamed Latheef signed the MoU on behalf of the University.

The objective of the MoU is to assess the considerations given for energy efficiency when providing finance by financial institutions of the Maldives and identify gaps to be addressed in financing energy efficiency initiatives in buildings.

Briefing to the media at the ceremony, Minister highlighted that, even though the initial investment for Energy Efficient buildings and energy consuming appliances are high compared to less energy efficient alternatives, in the long term it is more cost effective to choose energy efficient products over the less energy efficient alternatives.



In the Chancellor's note, he highlighted on the importance of such researches for the future developments of the country and he expressed his gratitude for the opportunity given for the Maldives National University.

According to statistics, the percentage of greenhouse gas (GHG) emission and the energy consumption percentage from the buildings are drastically on the rise globally.

## LCEI Project Participated and Contribute in the Ozone2Climate Technology Expo and Industry Roundtable

14 August 2017

The Project, Strengthening low Carbon Energy Island Strategies (LCEI) participated and contributed in the Ozone2Climate Technology Expo and Industry Roundtable held at Dharubaaruge from 14 - 16 August 2017. In the discussion during the 2nd round table session of the Expo on 14th August 2017, the progress of the project & achievements towards creating enabling environment for energy efficiency in the Maldives was presented by the Project Manager, Mr. Mohamed Inaz.

In his presentation an insight was given on the major challenges and constraints which lead to weak energy efficiency practices in the country. These include poor consumer motivation and awareness, lack of enabling policy initiatives and lack of institutional arrangements towards energy efficiency practices, poor building designs in terms of energy efficiency and lack of capacity to implement the energy efficiency measures.

The expo was inaugurated by the Minister of Environment and Energy, Honorable Thoriq Ibrahim. Ozone2Climate Technology Expo was organized by the MEE in collaboration with UN environment.

## Capacity Building Program On Energy Efficiency Standards and Labels Held in India

23 September 2017



Strengthening Low Carbon Island Strategies (LCEI) project organized a four day training program in association with Energy Efficiency Services Limited (EESL) of India. The training program was held in New Delhi, India from 25 – 28 September 2017. Officials from Maldives Energy Authority (MEA) and the Ministry of Environment and Energy (MEE) participated in the program.



The aim of the program was to build technical capacity to implement standards and labelling (S&L) program in Maldives. The program was specifically tailor made by EESL based on the specific topics requested by MEE and MEA. The topics covered in the program included; development and design of S&L program, implementation of S&L program, needs for capacity building and new Initiatives in S&L program.

## Contract Awarded for the Printing of Energy Efficiency Badge

06 September 2017



The contract for the printing of Energy Efficiency Badges was awarded to Mr. Ahmed Nasheed. Permanent Secretary of Ministry of Environment and Energy, Mr. Ajwad Musthafa signed the contract on behalf of the Ministry. The contract was signed and awarded on 6<sup>th</sup> September 2017 at the Ministry.

The purpose of consultancy assignment is to print 20,000 badges according to the specifications provided by the Ministry. The duration of the assignment is 50 days upon signing the contract and the contract price for the consultancy service is worth MVR 120,600.



The printed badges will be distributed to the Maldives Girls Guide Association and The Scout Association of Maldives under the MoU signed between the Ministry and the associations on 15<sup>th</sup> March 2016. This MOU deals with learning and creating awareness on climate change and energy efficiency issues amongst the members of both uniform bodies.

## Contract to develop Energy Efficiency Awareness Materials Awarded to Eight Cubed Pvt. Ltd.

06 September 2017



The contract to develop energy efficiency awareness materials was awarded to Eight Cubed Pvt. Ltd on 6<sup>th</sup> September 2017. Permanent Secretary of Ministry of Environment and Energy, Mr. Ajwad Musthafa signed the contract on behalf of the Ministry.



Under the consultancy assignment, posters, back drops, leaflets, and info-graphics and promotional materials will be developed on the topic energy efficiency, which will be used by the Ministry to promote energy efficiency awareness of the general public.

The contract worth 116,600 is scheduled to be completed within 4 months.

## Announcements

### Revise Existing 3-year Undergraduate Architecture Programme and to Develop Master's Programme in Architecture for FET

4<sup>th</sup> July

The Faculty of Engineering Technology (FET) of the Maldives National University (MNU) announced a call for eligible consultants to submit their proposals to revise the existing 3-year Undergraduate Architecture Programme and to Develop a Master's Programme in Architecture. The revised programme is aimed to incorporate Green Building Concepts and Energy Efficient Building Practices in-line with the objectives of the LCEI project. The deadline given to submit the proposal was 1100 hours, 20<sup>th</sup> July 2017.

English Link: <https://goo.gl/Es1xew>

TOR: <https://goo.gl/Y78cLP>

### Printing of Energy Efficiency Badges

20<sup>th</sup> July

Announcement to procure services for printing of Energy Efficiency badges to be used by Maldives Girl Guides Association (MGGA) and the Scout Association of Maldives (SAM) was made on 20<sup>th</sup> July 2017. An information session was held on 1st August 2017 at 1100 hours local time at the Ministry to clarify the specification of the badges required. The deadline to submit the proposals was 09<sup>th</sup> August 2017 at 1100 hours local time.

English Link: <https://goo.gl/LP3mDZ>

TOR: <https://goo.gl/oYQ3Vp>

### Re-Announcement: Development of Awareness

#### Material

20<sup>th</sup> July

Dhivehi Link: <https://goo.gl/wJosuh>

English Link: <https://goo.gl/tQ1rjx>

TOR: <https://goo.gl/SgKJGH>

### Re-Announcement: Development of Awareness Material

6<sup>th</sup> July

Ministry re-announced seeking services of a design and production company to undertake the development of awareness materials. The awareness materials developed under the consultancy is to be used to create awareness on energy efficiency among the general public. The materials prerequisite to be developed includes, banners, backdrops, leaflets, posters, T-shirts, pen, caps etc. The deadline given to submit the proposal was 1100 hours, 24<sup>th</sup> August 2017.

Due to insufficient interest, Ministry called for the consultancy service for a third time on 20<sup>th</sup> July 2018, and gave the deadline for 1030 hours, 01<sup>st</sup> August 2017.

English Link: <https://goo.gl/QHBDrZ>

TOR: <https://goo.gl/KtiyTJ>

#### LCEI Project Management Unit

Ministry of Environment and Energy  
Green Building, Handhuvaree Hingun, Maafannu, Male', 20392,  
Republic of Maldives.  
Tel: +(960) 301 8300  
Project email: [low.carbon@environment.gov.mv](mailto:low.carbon@environment.gov.mv)



#### **Strengthening Low Carbon Energy Island Strategies**

**(LCEI) Project** is implemented by Ministry of Environment and Energy (MEE) assisted by United Nations Environment Program (UNEP) and financed by Government of Maldives and Global Environment Facility (GEF). The project aims to reduce greenhouse gas (GHG) emissions through energy efficiency in the building sector, increasing energy efficiency in the building sector by developing appropriate policies, awareness, capacity building, guidelines and standards.

# Awareness Workshops conducted in Lh. Hinnavaru and AA. Thoddoo

8th April 2017



Energy Efficiency Awareness Workshops were conducted in Lh. Hinnavaru and AA. Thoddoo respectively. The workshops were conducted for Lh. Atoll Education Center on 11<sup>th</sup> and 12<sup>th</sup> July 2017 and for AA. Thoddoo School on 22<sup>nd</sup> August 2017. A total of 109 student participated in the workshops which accounts for 71 students in Lh. Atoll Education Center and 38 students in AA. Thoddoo School. The students were from grade 8, 9 and 10.



The workshop held for Lh. Atoll Education center were inaugurated by the school Principal Ms. Fazna Yoosuf Fariq. The workshop conducted for Thoddoo School was inaugurated by the Principal of Thoddoo School Mr. Moosa Solih and the President of Thoddoo Council Ms. Khadheeja Niusha.

Information on climate change, energy efficiency, ways to be more energy efficient, how to conserve energy and importance of energy efficiency in building design to reduce GHG



emissions were the areas covered in the workshop. Exercises were conducted to provide knowledge on electrical Nameplate reading and Electric bill reading.

LCEI project conducted these workshops with the support of Energy Department and Environment Department of the Ministry.



# Research Shows Willingness to Implement Energy Efficiency Measures

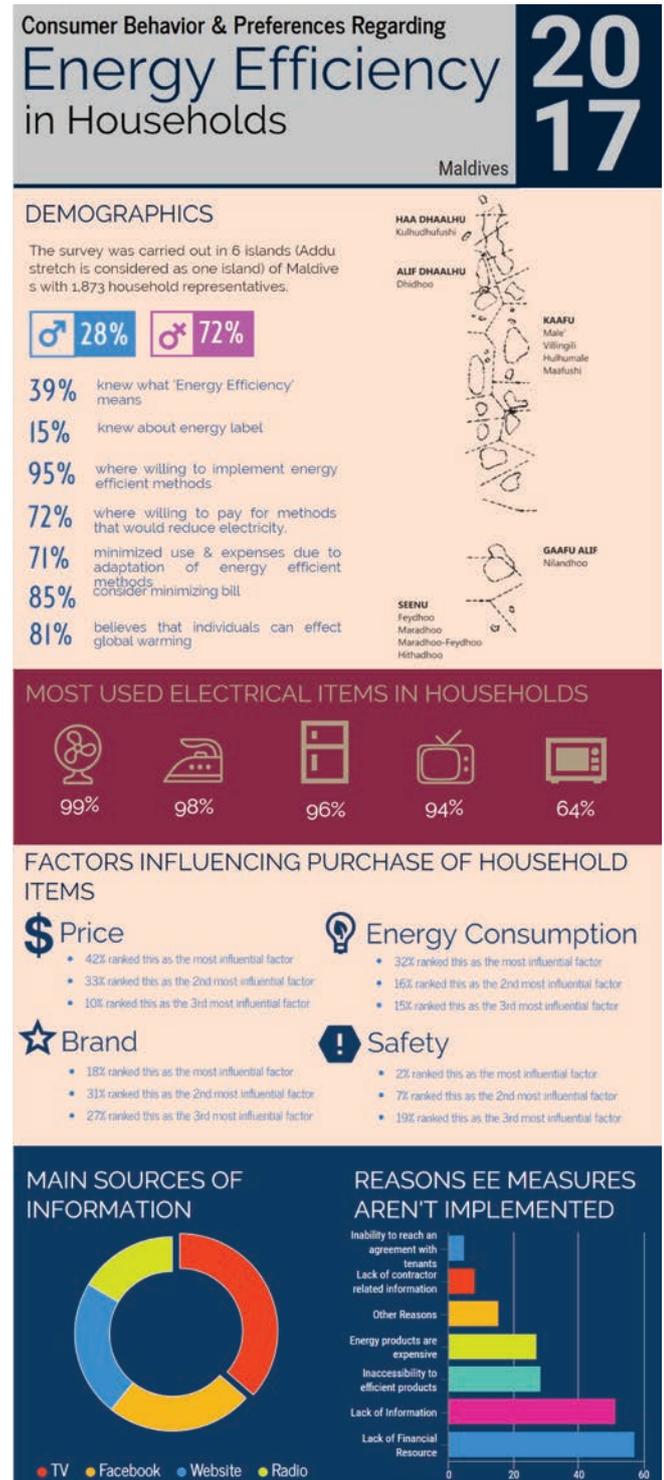
The statistics of the “Research on Consumer Behavior and Preferences Regarding Energy Efficiency in Households”, conducted under the LCEI project, shows that there is willingness amongst the consumers to implement energy efficiency measures.

According to the aforementioned perception study, 95% of the respondents were ready and willing to implement these measures with the right information and easy accessibility, and even 72% were ready to implement the same even if they had to pay to participate in an energy efficient program. Despite the willingness, the main barriers identified by the respondents to undertake energy saving measures were lack of financial resources (57.2%) and clear guidance (51.4%).

The survey was conducted as the first step to identify key information at a household level regarding energy efficiency and also to determine the perception of the general public regarding energy efficiency concepts and initiatives in the Maldives. Data were collected from 1873 households from 6 different islands of the Maldives. This includes, Hdh. Kulhudhuffushi, Adh. Dhidhoo, GA. Nilandhoo, K. Maafushi, Greater Male’ Area and Addu City including all the districts including Feydhoo, Maradhoo, Maradhoo-feydhoo and Hithadhoo.

According to the data, a large number of women from different age groups were interviewed and among the respondents 44% were formally employed and 22% economically active though not formally employed.

More than one third of the respondents claimed that they understand the term energy efficiency and according to the data most of them have received the information via TV (93%), radio (26%), internet (16%) and social media (5%).



According to the survey, the most heard and implemented energy efficient practice in Maldives is “switching off the electric appliances when not using”. In the research 96% of respondents have implemented the measures while 99% respondents have heard about it. Significantly a high percentage of respondents believes their actions can affect the global warming, while only 19% disagrees.