

## Energy Efficiency day celebration report

**Facilitator:** Future Generation Empowerment Organization (FGEO)

**Venue:** Directorate of the institute of MRRD Rural technologies park Conference Room Dehsabas district Kabul province

**Date:** 28 October 2019

### I. Introduction

In the series of world environmental days celebrations. On Tuesday 26 November 2109 the rural technologies park (RTP) the directorate of institute Ministry of rural rehabilitation development (MRRD), Future Generations Empowerment Organization (FGEO)/FGA, and private sector of technologies were jointly celebrated the energy efficiency for one day in Kabul province, the event took place in Rural Technologies Park situated in Dehsabs district, Kabul province.

Energy efficiency day, is one of the most important environmental issues that has attracted the attention of many countries and people around the world over the past two decades. And the idea of energy efficiency came into being at that time, when the war was started in the Gulf. Countries whose energy comes (imports) from other countries, were thought that they should reduce their energy usage besides costs and make energy efficient. They were attracted to the issue to avoid energy shortage in the future. And most of the developing countries in the world were thinking about acquiring renewable energy, as they were started the struggle for renewable energy productions. With that, which in turn makes energy efficient and reduces environmental pollution, besides it will also play a positive role in preventing climate change.



This day marked for the first time in 2 October 2016 in the United States of America. And now energy efficiency day is celebrated in many counties of the World.

The program began with the recitation of the Holy Quran through Fazal Mabood Danish FGEO Master Trainer. Subsequently, the executive director of MRRD Mr. Shahzd Zadran and other participants presented their statements on Energy efficiency and their coming plans for effectiveness of the energy. The program agenda had two main sessions, the first part allocated to governmental *authorities'* speeches, and technical presentation of energy efficiency and the second part was for live Show of Technologies of (RTP). This part was consisting practical introduction of rural technologies and their benefits for energy efficiency.

## 2. Program Participants

Future Generations Empowerment Organization (FGEO)/FGA organized one-day session for celebration of Energy efficiency day with the participation of governmental officials from MRRD, MoEW in Dehsabs district of Kabul province. The following are participants of the event.

1. The executive director of the institute of MRRD Mr. Shazad Zadran.
2. Head of sustainable energy in the ministry of Water Electricity Eng. Najibullah Saboori.
3. Head of Afghanistan renewable energy research for rural development Program Eng. Mohammad Younas Fakoor
4. Director of QRTW Mr. Qdardan
5. Director of Afghanistan sustainable energy for rural development Ministry of Energy and Water Mr.Fiaz Sarwari
6. Renewable energy and rural technologies Manufacturers in the private sectors.
7. Kabul Polytechnic university lecturers.



## First Session

### 3. Participants Statements

At the commencement of the event, the executive director of the institute of MRRD Mr. Shazad Zadran spoke and welcome all participants of the event, besides he thanked FGEO administration for organizing this event (Energy efficiency day celebration). He said that the aim of Energy efficiency day celebration is very signification for raising public awareness, as people around the word recognized the significance of the energy therefore they are trying to make their energy more efficient. He stressed more and more on participatory working and close coordination among services providers (technology producers) and MRRD/RTP, he added that our goal is the same and that is providing the minimum services to the community in terms of renewable energy and rural technologies by the way, we will ensure the efficiency of the energy. He stated that we are very proud on work with you, so we will not have the successes till we don't have your experience especially for development of rural technologies.



**Eng. Najibullah Saburi.** The Head of sustainable energy department in the ministry of Water Electricity spoke and thanked all those who involve in such events, mainly RTP and FGEO for facilitation of such important event, he said that the idea of energy efficiency came into being at that time, when the war started in the Gulf. Those countries which weren't energy efficient and their energy were obtaining from other countries. They started the work to make their energy efficient like providing energy from their own available resources, in instance solar, wind, biomass... and they understood the techniques to protect their energy, as well as they reduced the usage of energy for keeping the environment clean and healthy. He added we have to think more for energy protection which that technique will lead us to develop our economy, as economy is directly linked with energy efficiency, if we don't take care about energy usage then our future generations might be faced the problems of energy. He





clarified that we have a lot of sources for energy productions such as water, solar and wind, therefore we have to work together to gain renewable energy, by the way we can make efficient and sustainable our energy in the future. He stated in his speech that energy is directly affect environment and climate change, he urged all relevant departments and organizations for renewable energy production to combat against climate change and other environmental effects.

**Eng. Mohammad Youas Fakoor:** Director of renewable energy for rural development research office, spoke and thanked all by whom incited and organized this significant event (Energy celebration in (RTP) he said I am very happy for such a remarkable program here with you he indicated in his speech that this celebration must have been held to the highest level like ministries, president or Chief executive of Government of Afghanistan, any way I am very delightful for this event(energy day celebration) and this is an opportunity to say that human life will not go forward without having energy, but unfortunately humans consumes a lot of energy, so now the world has come to work on energy efficiency and make appropriate use of the available energy, and paid more attention toward production of renewable energy. He more



concentrated regarding Rural Technology park (RTP) services, and said my request is that this park be a research center beside the institute, the current status of the rural technologies park cannot be sufficient to develop the technologies, he requested the executive director of the institute of MRRD to pay more attention for this issue, and assign engineers or technical people to continue their tests and research step by step for rural technologies development and awareness of them among public, as this park is a good source for providing services in the part of rural technologies for local formers and public in the area.



**Speech of Engineer S Fakhrudin Sadat  
Coordinator of Rural Technologies Park**

The goals of rural technologies Park was stated by E. Sayed Fakhrudin, he said that Rural Technology Park is being established for three major functions:

1. Technologies identification in the rural area
2. Research on technologies
3. Promoting technologies
4. Facilitating the transfer of technology to beneficiaries

He added in his speech that so far RTP has been supporting 3 Major sectors: a. Renewable energy which well-matched for environmental conservation, b. Maintaining hygiene( providing water supply and sanitation),3.Small and medium enterprises(SME)for rural area.

#### **4. Technical Presentation**

During the meeting, a presentation on Energy Efficiency day were presented by FGEO. And its main topics were:

1. Energy Efficiency day history
2. Energy efficiency celebration goal,
3. Energy efficiency definition
4. Energy efficiency day current services
5. Energy efficiency benefits
6. Sources of Energy productions



After presentation, some videos on

Energy efficiency, rural technologies manufacturing and their benefits were shown to participants, to inform people about the importance of Energy efficiency and rural technologies development in the place and how to improve the usage of the energy and technologies in the range.

### **Second Session**

#### **5. Live show of Rural Technologies Park**

In order to make more cleared the topic of this celebration (Energy efficiency), the all participants visited the rural technologies in RTP.

The rural technologies functionality and operations were broadly explained by park responsible engineers to the participants and the main subjects were:

- Technologies producing process and mechanism through manufacturers and companies
- Rural technologies structure and functioning by RTP engineers that how could they make energy more efficient by developing of rural technologies



- They defined all type of rural technologies, which they have been got out familiarity in the local market.

### A View of rural technologies



**THE END**