

## Energy Sector Improvement Program (ESIP) Mid-term Review Workshop



### Workshop Report (ESIP) Mid-term Review

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DUA, Dubai  
19 - 21 July 2019

## Participants

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- ✚ The Afghan Renewable Energy Union (AREU)
- ✚ Ministry of Energy and Water (MEW)
- ✚ Da Afghanistan Breshna Sherkat (DABS)
- ✚ The Afghan Chamber for Commerce and Industry (ACCI)
- ✚ Independent Directorate of Local Governance (IDLG)
- ✚ Ministry of Higher Education (MoHE) -Kabul Polytechnic University

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## ESIP Overview

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GIZ, the international development agency of Germany, is supporting the Government of Afghanistan in many areas. “Energy Sector Improvement Program” (ESIP) which is the successor for the former “Institutional Development for Energy in Afghanistan” (IDEA) has been designed that is supporting the involved public and private institutions of the energy sector with the objective to improve the conditions for promoting the renewable energy and energy efficiency in the country. The key areas of support include cooperation with the energy key actors at national and provincial levels on the implementation of net-metering policy, supporting the institutionalization of National Energy Regulatory Authority (NERA), support the private sector in adoption of market-based quality standards and maintenance concepts for photovoltaics and solar thermal energy, support to the improvement of education and further training provisions to the public-sector employees and universities. To further extent, the capacity building of the targeted institutions is cross cutting at all levels of the program.

## Workshop’s Objective

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The objective of the workshop was to review activities’ progress and status through the first six months of 2019. In addition, discussing foreseen, and previous challenges. Also, to find out the partner expectations and recommendations on how to proceed towards finalizing the remaining activities and achieving the milestones.

Furthermore, specifically discussing Institutional development support to Afghanistan Renewable Energy Union (AREU). During the workshop two important agreements titled implementation of Youth Entrepreneurship Support Program (YES II), and development of Domestic Private Sector Steering Group were signed with the relevant partners including MEW, AREU, ACCI, and DABS.

To achieve the workshop objective, participants were asked to work in separate specified working groups, and present the outcome to the entire plenary in the subsequent day of the workshop.

## Presentations and working groups reflections





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The first day of workshop started with the welcoming speech of Dr. Frank Fecher, Program director GIZ-ESIP and opening statement giving by His Excellency the Minister of Energy and Water, Eng. Mohammad Gul Kholmi. In his opening remarks, he thanked GIZ-ESIP for arranging such programs and for their continuous support. He also stated that the government needs a strong private sector to achieve self-sufficiency in the energy sector. The workshop continued with another statement by H.E The deputy of policy and technical affairs at ACCI, Mr. Shafiqullah Atayie, stated, ACCI as the legitimate voice of the private sector appreciates this initiative and assure its willingness and commitment to fulfil its role to support and implement ESIP-related programs in the private sector. The program was moderated by Mr. Robert Schultz as he continued the workshop by providing a brief introduction to the workshop agenda which followed with a brief round participants introduction.

Mr. Ali Maher the Deputy Program Director of Energy Sector Improvement Program (ESIP) presented the ESIP Program overview in more details.

The pillars of the ESIP proceeded with the presentations and updated the participants regarding the status of the activities that are projected for the year 2019, following to that the way forward and the challenged of the respective activities were discussed thoroughly.

The Pillar presentations:

-  Public Sector Presentation
-  Private Sector Presentation
-  Academia and TVET Presentation
-  Rural Electrification Presentation



## Public Sector

Cooperation with the central and decentral key actors has been Improved.

The public-sector pillar started its presentation by briefing the participants about the activities reflected in the operational plan of ESIP-GIZ. Among those, the corresponding ongoing activities for the year 2019 was discussed thoroughly.









The listed activities were presented under the public-sector pillar,

### **Support implementation of Net-metering:**

Net metering is a utility resource usage and payment scheme in which a customer who generates their own power is compensated monetarily. Net metering originated with electric companies as a way to encourage consumers to invest in renewable energy sources such as solar or wind power. Net metering plays a role in reducing the carbon emission and addressing sustainable development goals (SDGs), it also promotes the deployment of renewable energies, increases self-sufficiency and decreases energy imports in the long run.

To support the Afghan Government in ensuring the policy-makers (e.g., commercial banks and regulatory authorities) to possess the required tools to promote RE and EE, with a consideration of the existing know-how from other countries along with innovations available internationally, GIZ intends to extend its assistance to the Afghan Government in terms of assigning International Consultants to fine-tune the existing Net-Metering policy and enrich/enhance it in a way that is in line with the technical and socio-economic conditions of the country.

on 18th of July 2019, GIZ-ESIP, DABS, and MEW had one full-day workshop to discuss the current status of the net-metering policy, its challenges and the concerns on the utility side. The foreseen technical challenges and concerns of DABS were addressed and will be incorporated into the work scope of the consultants. It was decided that DABS and MEW will share additional information and data upon request, the list of the required data will be developed by the consultants, and DABS/MEW is to work in close collaboration with the consultants and GIZ-ESIP to facilitate this activity. The consultants assigned by GIZ-ESIP are accountable to the below elements but not limited to:



-  Professional inputs and recommendations to the existing regulation
-  Impact analysis of DGs on distribution networks
-  Business case development
-  Technical standards recommendations for solar PV DGs
-  Potential risks and mitigation strategies
-  Roadmap including an action plan for the promotion of DGs in Afghanistan
-  Capacity development support in rolling out the NM regulations
-  Development of communication strategy for the exciting regulation

Support Feasibility Study of 15MW Solar Rooftop System for Public Buildings:

with reference to the approval no. 15 of High Economic Council (HEC), the Ministry of Energy and Water intends to launch the installation of the 15MW rooftop solar photovoltaic panels on government buildings in Kabul City and all over Afghanistan. The initial step of this project necessitates a comprehensive study of feasibility that stands for the project design from scratch to its tendering process. Hence, GIZ-ESIP extends its technical assistance to MEW in conducting the feasibility study through assigning a national team of engineers and International Consultants, who are accountable to conduct the study of feasibility and prepare a package that can be used for the further state of the art projects.

The RE engineers who are engaged with the study of feasibility have successfully achieved the target of 15MWp. Currently, the technical reports of the studies are being validated by the international consultants and the conducted studies of feasibility are being fine-tuned.

To further capacitate the RE engineers, three days' workshop was conducted in July and the RE engineers received the below training:

-  Drafting project questionnaires, technical reports
-  Project site inspections, exposure to project management basics

The RE team will further receive training on developing master tendering documents, contract review, evaluation of bids, quality assurance, etc. in the second and third phases of the training workshops.

In addition, in a meeting with the MEW management, it was decided to extend the local subsidy contract (LSC) with MEW until DEC 2019 and the MEW showed commitment to recruit the RE engineers post-December 2019.

### **Support DABS in rolling out SWH subsidy program:**

To promote ecologically sustainable growth and address the country's energy security challenge, the Government of Afghanistan in accordance with the Approval no. 15 of the High Economic Council (HEC), is launching a subsidy scheme for promoting the adoption of solar rooftop PV and solar water heating systems installations in Kabul City and subsequently in other provinces in a phased manner. The implementing agency for this scheme will be the national power utility, Da Afghanistan Breshna Sherkat (DABS). This initiative will also contribute towards the global effort to meet the challenges of climate change. It will further play an important role in the reduction of the load from distribution networks and promote rooftop solar systems market in the country.

To streamline this support this initiative, GIZ-ESIP assigned a consultant who worked on the feasibility study of SWHS, the report generated by the consultant was of less satisfaction of DABS and thus the assignment was handed over to other consultants. The study of feasibility will be divided into two parallel segments, a. theoretical and desk study where the analysis will be based on collected data from the Afghan market, DABS, and MEW. The second segment, however, will stand for installation of up to six solar water heater systems for six months on rooftops of selected households and the collected data from the systems will be analyzed and will be incorporated to the final report of the feasibility study.



### Support Legislation of NERA:

The ministry of energy and water MEW established the National Energy Regulatory Authority in 2016 to create a transparent and independent mechanism for regulating the commercial organizations in the electricity sector in Afghanistan, to provide a transparent mechanism for investors, existing utility as well as the public at large for determination of tariffs, issuance of licenses and other important aspects of Energy sector governance, to support Ministry in development of policies and to attract private sector and international investments.





To support the NERA, GIZ-IDEA assigned a consultancy firm to develop policies and regulations, and as a result, the below regulations were developed:

-  Regulatory Authority Regulation
-  Regulation for Grant of Licensing
-  Regulation for Net-Metering
-  Regulation for Determination of Tariff including Feed-in Tariff

In addition to the earlier technical supports, GIZ-ESIP successor of GIZ-IDEA now has taken over the mandate to further support NERA. The GIZ-ESIP has assigned an international consultant who will draft a roadmap for NERA on how to operate and foresee the way forward until NERA is independent. This roadmap will also identify the stages where the assistance of donors like USAID, ADB and World Bank are outlined. Additionally, MEW updated the consultant about its recent activities for NERA through a meeting, i.e., developing financial models, hiring staff (in progress). Currently, the consultant is reviewing the existing documents that will result in having a roadmap for operationalization of NERA.

### RECC Meeting:

The Ministry of Energy and Water (MEW) is the responsible body to plan and direct the development of the energy sector in Afghanistan. In order to take the lead of renewable energy sector and give a thrust to implementation of Afghanistan National Renewable Energy Policy (ANREP), a coordination unit "Renewable Energy Coordination Committee (RECC) is set-up that is adequately empowered to oversee the implementation of the renewable energy projects and establish coordination and cooperation among all stakeholders of the government of the Islamic Republic of Afghanistan. GIZ as a promising partner to MEW has regularly facilitated ministry in having RECC meetings conducted and to the moment MEW in partnership with GIZ has conducted 7 RECC meetings. Recently, GIZ-ESIP has recommended a new platform that will help in having concrete and relevant RECC meetings in the future by introducing the below four clusters:

-  Awareness
-  Energy Efficiency
-  Capacity Building
-  Technical Working Groups

Furthermore, during the workshop from the partner side, it was suggested to include IDLG in all RECC meetings, and RECC shall be having permanent and temporary participants from each stakeholder. Additionally, energy stakeholders suggested to stimulate the working groups within RECC to research, recommend solutions and address them in the RECC meetings.

## Provincial Energy Committee (PEC) Institutionalization

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### Context:

Although the overall management of all energy affairs relates to the Ministry of Energy and Water (MEW), but MEW doesn't have energy department at the subnational level. On the other hand, one of IDLG's key task is facilitating implementation of national programs through sub-national government entities and departments, therefore reference to the letter number 450/221of

Ministry of Energy and Water to IDLG, MEW formally requested for transition of the Provincial Energy Committees (PECs) coordination responsibilities to IDLG at the subnational level.

Since in some of the already existing PECs, the Sectorial Services Department of IDLG is chairing the PEC meetings, thus IDLG is keen to take the responsibility of coordination of PEC and provide the needed support. This doesn't mean that IDLG substitutes the role of MEW in the provinces. the Provincial Energy Committees (PECs) will work according to the policies, plans, laws, rules and regulations of Ministry of Energy and Water and responsibility of PEC coordination will be under the responsibility of IDLG.

### Status:

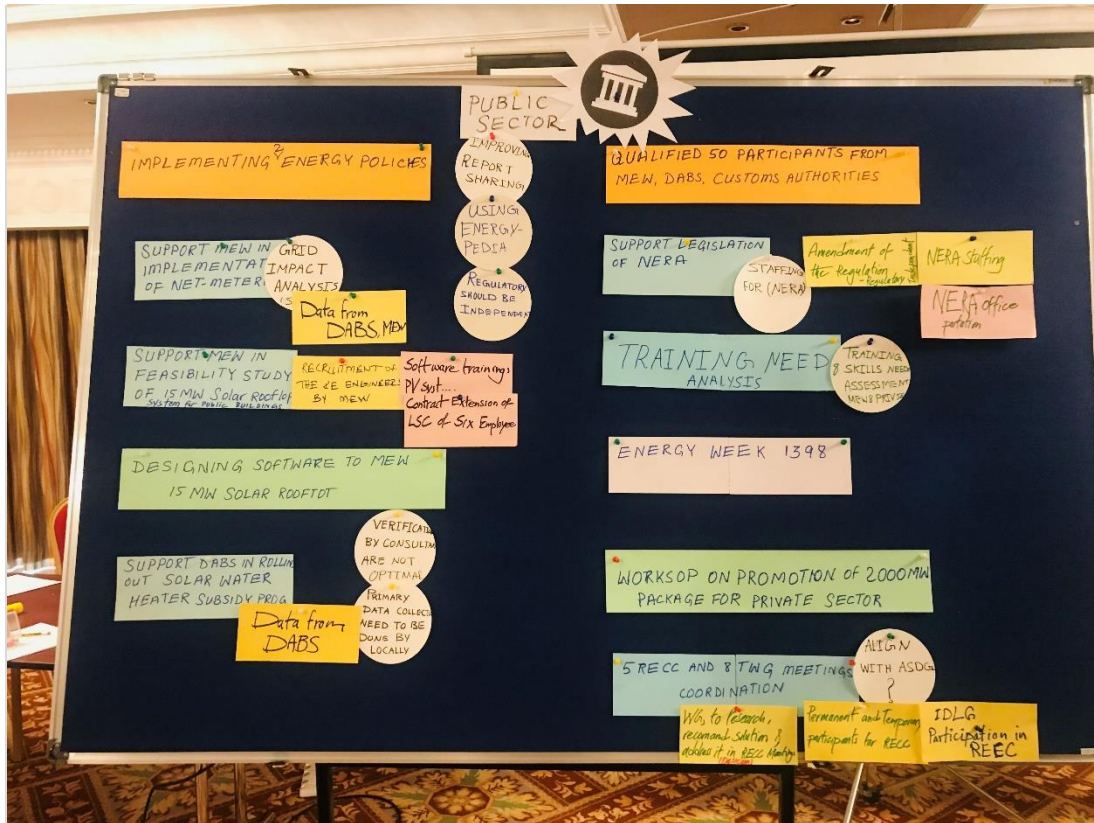
- 🏛️ MEW and IDLG agreed to institutionalize the PEC within IDLG structure.
- 🏛️ MEW formally asked IDLG to take the responsibility of PEC at the subnational level. (the letter was formally issued)
- 🏛️ Focal points for technical discussions were introduced from IDLG and MEW.
- 🏛️ MoU was developed and finalized at the technical working level of IDLG and MEW.
- 🏛️ IDLG operational manual is under revision. (after signing the MoU, PEC will be added as a committee to the operational manual)

### Way forward:

(results of working group discussions during mid-term review workshop)  
Till end of 2019, IDLG with support of GIZ and MEW will do the followings to institutionalize the PEC within IDLG structure:

- 🏛️ Finalization and signing of the MoU between IDLG and MEW
- 🏛️ Establishment of PEC coordination Unit at IDLG manned with at least two staff.
- 🏛️ Update/amend PEC ToR accordingly.
- 🏛️ Integration of PEC as a committee into IDLG operation manual.
- 🏛️ PEC responsibility will be added into the ToR of relevant Dep Sectorial Services Departments (SSDs) under Provincial Governor Office (PGO)
- 🏛️ Conduct national gathering of SSDs, inform them officially and give them the required awareness/trainings on how to move ahead with PEC responsibilities
- 🏛️ Establishing a functional PEC secretariat in piloted provinces.
- 🏛️ Official opening of the PEC in the piloted provinces under PGO.





### Expected supports from GIZ till end of 2019:

- Support to the establishment of PEC coordination Unit at IDLG for instance; recruitment of at least two staff for the PEC Coordination Unit.
- Provide some equipment like computer and printer for the PEC coordination Unit staff.
- Have a facilitation and advisory role between IDLG and MEW during the entire process (MoU development, inclusion of PEC into IDLG operational manual, amendment of PEC ToR etc.)
- Support IDLG for conducting of all the events and workshops which are required at both national and sub national levels for successful implementation of the PEC institutionalization concept with focus in the existing pilot provinces.
- Capacity building support to IDLG/PEC in RE/EE (Awareness and trainings): support IDLG staff who are responsible for the PEC in national and provincial levels to gain energy knowledge especially around RE/EE (this can go beyond 2019).

### Expected support from GIZ beyond 2019 (subject to availability of fund):

- IDLG has the plan to roll out the PEC to other provinces in 2020 and 2021. GIZ can support with nomination of at least one person from YES II in each province to support with PEC coordination activities.
- GIZ continue to support IDLG for conducting of all the events and workshops which are required at both national and sub national levels for successful implementation of the PEC institutionalization concept in the new provinces.
- GIZ to continue with Capacity building support to IDLG/PEC in RE/EE (Awareness and trainings): support IDLG staff who are responsible for the PEC in national and provincial levels to gain energy knowledge especially around RE/EE.



**Private Sector:**

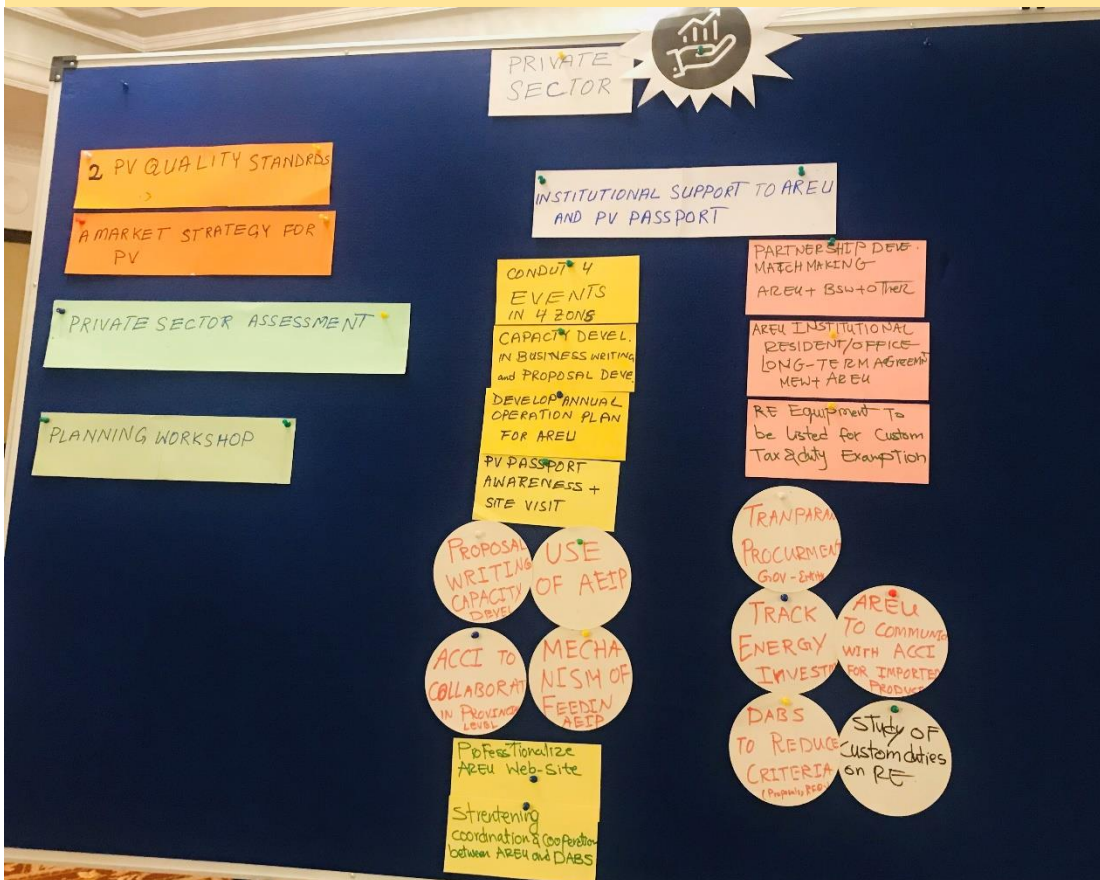
Private Sector market-based quality standards and Maintenance concepts are available

In the first day of the mid-term review, presentations on overview activities status were presented to the members indicating/ reflecting the status of private sector each activity which is being undertaken by GIZ-ESIP till end of 2019.

At the end of the first day of workshop an agreement was signed between GIZ, MEW, ACCI, and AREU named Renewable energy domestic private sector enhancement (RE- DPS) Steering Group and it is comprised of cross-sector partners representative of the relevant ecosystem that provides strategic direction for the collective impact initiative in enhancing private sector involvement in the energy sector of Afghanistan and the purpose of this steering group is to provide ongoing strategic direction for the support which GIZ ESIP is providing to AREU.

The steering group will focus on the following points:

- 👉 Vision and strategy setting for AREU
- 👉 Monitor execution of strategy, results, and deliverables
- 👉 Communication with other sector stakeholders and partners
- 👉 Oversee the implementation of agreed activities
- 👉 Create a dialogue between other partners including MOF, ANSA, MRRD, DABS and beyond to generate and execute the solution.



In second day of the workshop, the participants in parallel discussed each pillar in groups including Public sector, private sector, Academia TEVET, and rural electrification.

Considering the pivotal role of the Private sector involvement as a main source of employment generation growth in Afghanistan with vast resources for renewable energy and its close links to both economic growth and self-sufficiency as well as providing access of energy to the citizens, Mr. Waziri presented the outcomes of and assessment conducted for private sector companies involved in the renewable energies.

The study's main focus was on the companies active in field of renewable energy regarding their experience, number and type of projects implemented, field of support required, employability and expectations from the union (AREU). A thorough discussion on the outcome of the need assessment workshop was carried by the participants during the workshop and recommendations were made by different players on the improvement of each component. Afterward an orientation about supports which are to be given till end of the 2019 was delivered to the group members. The members uttered their thoughts and ideas on how to proceed with the activities. One of the activities which was conversed over in group was developing PV passport concept, based on the requirement and demand of the energy sector, another was institutional development support to AREU which include hiring a general manager to AREU with the aim to ensure the mobility of the private sector (AREU) and to further exert influence on development and securing suitable policy framework for stable growth through advocacy, lobbying/campaigns, and providing equal opportunity for the member, guide AREU to long-term success. The members reached a consensus on the specific activities/tasks which the general manager is responsible to carry out till 2019 which include developing operational plan, concept for professionalizing AREU website, developing business models to generate revenue stream, etc.

Later, the private sector group members proposed a series of activities to strengthen the private sector and the proposed activities were recorded on the pin board for further discussion. With consideration of the limited time available, some of the activities can be implemented in this year and some to be taken forward for the next year. The proposed activities are as follow:

- ☞ Conduct four events at 4 zones for private companies to attract new members and raise awareness about the union, Mr. Sabouri AREU deputy proposed holding four major events in key provinces bring up the union at the national level. promotes clean energy use in the country and to properly act as representative of the private energy sector in the country.
- ☞ Conducting capacity development in business writing and proposal development for AREU members.
- ☞ Developing a comprehensive operational plan for AREU.
- ☞ Developing PV passport concept for Afghanistan and site visit of a country that has implemented the PV quality passport.
- ☞ Strengthen collaboration of the ACCI with AREU.
- ☞ Professionalization of AREU website.
- ☞ Reinforcement of the coordination + cooperation between AREU and DABS.
- ☞ Partnership development matchmaking (AREU+BSW+others)
- ☞ AREU institutional resident/office long term agreement with MEW
- ☞ RE equipment to be listed for custom tax & duty exemption
- ☞ A transparent procurement government entity
- ☞ Track investments which are made in renewable energy.
- ☞ DABS to reduced criteria proposal for the AREU

At the end of mid-term review an agreement was signed between GIZ, MEW, ACCI, and AREU named Renewable energy domestic private sector enhancement (RE- DPS) Steering Group and it is comprised of cross-sector partners representative of the relevant ecosystem that provides strategic



direction for the collective impact initiative in enhancing private sector involvement in the energy sector of Afghanistan and the purpose of this steering group is to provide ongoing strategic direction for the support which GIZ ESIP is providing to AREU and the above-mentioned initiatives.

The steering group will focus on the following points:

- 👉 Vision and strategy setting for AREU
- 👉 Monitor execution of strategy, results, and deliverables
- 👉 Communication with other sector stakeholders and partners
- 👉 Oversee the implementation of agreed activities

Create a dialogue between other partners including MOF, ANSA, MRRD, DABS and beyond to generate and execute the solution.



### Academia and TVET: Education and further training provision of public Sector employers and universities improved

A presentation on the status quo on developments with Academia and TVET was presented to the members by Mr. Reza Jafari from GIZ-ESIP.

The two ongoing activities status are as follow:

#### Support academia in upgrading and adaptation of Renewable Energy curricula

##### Context:

To develop operational measures and define a project plan for the development of distance learning (blended learning) University study programs encompassing RE/EE to be sustainably integrated into the faculties of selected universities in Afghanistan.

The program aims to be accessible for those who live in other parts than Kabul and due to different reasons cannot be present in Kabul continuously.

The novelty of the program lies in linking the expertise of a German University to Universities in Afghanistan thus bringing together (virtual and workshop meetings) professors, lecturers and instructors as tandem partners for the development of the new modules and for conducting blended learning courses. As the new study programs will have to be established and sustained in Afghanistan a close collaboration of the Universities in the two different countries is necessary to enable the provision of improved instruction, communication and a holistic concept on renewable energies and energy efficiency for Afghanistan.

##### Status:

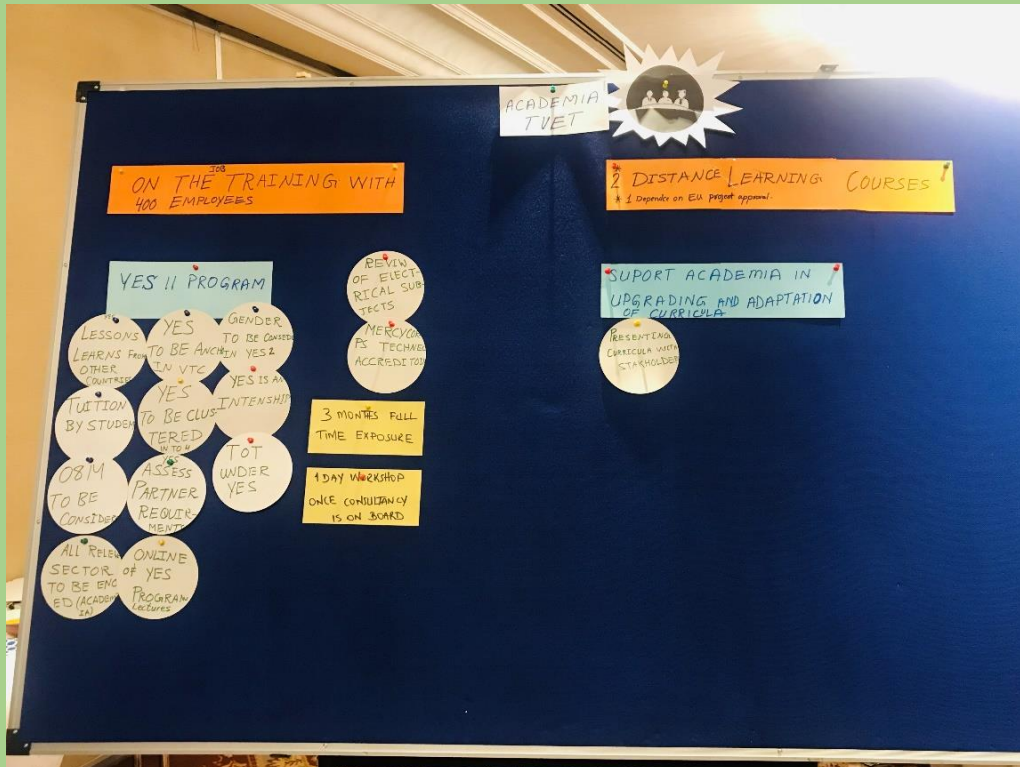
- 👉 Conducted need assessment workshop
- 👉 Conducted online survey to develop the curricula
- 👉 The international consultants are on board to provide support to the Afghan universities in developing the curricula.

##### Way forward:

(results of working group discussions during mid-term review workshop)

- 👉 Preparing organizational measures
- 👉 Developing project plan including budget planning, timeline, and legal prerequisites.
- 👉 Presenting a roadmap draft for the implementation of new degree study programs.

- 👤 The survey will be evaluated according to which the curriculum will be developed.
- 👤 Establishment of Master Degree workshop
- 👤 Facilities for Master Degree development
- 👤 Capacitating the university professors



## YES II, program

### Context:

Youth Entrepreneurs Support (YES) is a knowledge-based and activity-oriented leadership and entrepreneurship, youth training program in the country. YES, intends to bring together university youth to deepen their leadership and entrepreneurship skills and knowledge. To complete the program, up to 100 youth will attend 2 training semesters. The first semester (two months) will stand for theory classes consisting of technical classes, management, leadership, and entrepreneurship classes, while the second semester (four months) will stand for practical exposures of the participants. YES, will use a dynamic and customizable training curriculum based on participants' needs and market demands into two different groups –Renewable Energy and Energy Efficiency in buildings.

The participants to the YES program will fill application forms and pass a competitive interview session. Upon the completion of the program, each participant is mandated to conduct a passing-it-on (PiO) exercise, which implies doing a mini-training to share what they have learned with at least 10 other youth in their faculty or community, only those who complete the PiO qualify for a certificate. Through the PiO component of YES, 500 young people are anticipated to receive training on leadership and entrepreneurship in Renewable Energy Technologies and Energy Efficiency.

Throughout the program, participants will benefit from 25 different interactive sessions. The other benefits of this program will include Internship with German Cooperation (ESIP program of GIZ) for at least 6 months, conducting practical case studies, visiting power plants and related institutions.

**Status:**

- Sharing the program concept with all the stakeholders and come to joint agreement for implementation

**Way forward:**

(results of working group discussions during mid-term review workshop)

- Up to 100 youths (gender inclusive) will attend 2 courses, which will be held for 2 months of theoretical courses and 4 months of practical training.
- YES, will use a dynamic and customizable training curriculum in two thematic (different) groups –Renewable Energy and Energy Efficiency in buildings
- VTI-MEW is eager to host the training program within their vicinity.
- Benefit from about 25 different interactive sessions
- The interns will get the knowledge and skills of the proposal writing, developing tendering documents for renewable energy projects and evaluate the bids of the energy projects.
- Each intern will receive exposure to at least three practical experiences via working in three different host institutions.
- Supported by an international consultant who will support the emerging start-ups and projects.
- The participants of YES will be accredited by the relevant ministries.







## RURAL ELECTRIFICATION: New Technical and Economic approaches has been implemented

The rural electrification component of action is presented by Walid Rahimi, Regional Program Coordinator (Ref. details given in the slides presented by Mr. Walid Rahimi from GIZ-ESIP).

The overall objective of the EU and BMZ Co-funding is to improve resilience to climate change of communities and the ecosystems in the Panj-Amu River Basin and the sustainability of their use for the benefit of rural communities. The specific objectives of the project are that sustainable rural development and protection of ecosystems and biodiversity through increased renewable energy generation and distribution.

The Energy component is still in funding process with EU and GIZ. As soon as the Energy component is funded, ESIP will organize a kick off/project planning meeting with key partners.

The overall program is approved by EU that already funds two other partners Aga Khan Foundation and Wildlife Conservation Society. To not leave behind our two other partners.

The inefficient use of energy and poor supply of renewable energy in rural areas cause a negative effect to climate change and economics impact.

Under this project ESIP will be working in Panj-Amu River Basin in Badakhshan and Takhar provinces that are identified by EU as project intervention areas:

The project has two intended indicators:

1. Municipalities in the Panj-Amu river valley have implemented new technical and economic approaches for operating their RE plants.
2. Two concepts for maintaining and repairing RE plants are available to the municipalities (e.g. for micro hydropower and PV)

Now the ESIP Rural Electrification team collected data and worked out some initial criteria and tools that support the hard work that can be carried out after the project signing. (Ref. details given in the slides presented by Mr. Walid Rahimi from GIZ-ESIP).

His Excellency the Minister of Energy and Water, Eng. Mohammad Gul Kholmi said, he is in full support of this project as he travels together with Mr. Rahimi in rural areas of both provinces (Takhar and Badakhshan). He said we recommend private sector to step in MHP and Solar PV business alongside DABS.

Mr. Zabi Tahirzada from DABS, added it is a good approach to encourage private sector to take the lead in MHPs business. He said however three years back he tried the same approaches, but it was very difficult to convenes the private sector to invest.

## Conclusion:

ESIP Mid-term review workshop was held in Dubai from 19-21 July 2019 to review activities progress and status throughout the first period of 2019, from which the corresponding ongoing activities were discussed in detail including expected challenges. Also, to find out the partner expectations and recommendations on how to proceed towards finalizing the remaining activities and achieving the given milestones, participants were asked to work in different groups and present the outcome to the entire plenary. From different working groups which were specified for 3 pillars of the ESIP program including Public sector, Private Sector, Academia, the participants suggested and recommended number of activities with consideration of time limit to be implemented till end of 2019. They also discussed on major activities that shall be shifted for the next year commission. The recommended activities are as follow:

### Public Sector:

- ✚ National Energy Regulator Authority (NERA) Staffing and institutionalization framework support
- ✚ Inclusion of PEC into the structure of IDLG
- ✚ IDLG participation in RECC meetings
- ✚ Identifying permanent and temporary participants for RECC
- ✚ Conduct grid impact analysis for net metering -Data to be provided by MEW and DABS
- ✚ MEW to recruit YES interns who are currently working for 15 MW feasibility study project
- ✚ Conduct awareness programs followed by Afghanistan Sustainable Energy Week

### Private Sector:

- ✚ Conduct up to four events in 4 zones for private companies involved in the RE sector
- ✚ Capacity development of AREU members. Conducting up to 2 programs
- ✚ Developing PV passport concept for Afghanistan
- ✚ Strengthen collaboration of the ACCI with AREU
- ✚ Hiring a General Manager to establish and executive team and carry out the activities of AREU

### Academia & TVET:

- ✚ Conduct the initial curriculum development workshop with the presence of MoHE
- ✚ Conduct YES II program

Furthermore, during the workshop two important agreements titled YES II, and Establishment of Dominative Private Sector Steering Group were signed with the relevant partners.

## Annex

**1. Workshop Program/Agenda**Date: 19<sup>th</sup> – 21<sup>nd</sup> July. 2019

Venue: Four Points by Sheraton Hotel, Bur Dubai

<b>July 18<sup>th</sup>, 2019</b> Arrival to Dubai		
<b>July 19<sup>th</sup>, 2019</b> Opening and program overview		
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
09:00 – 09:30	Welcoming	H.E. Mr. Khulmi, MEW Dr. Frank Fecher, GIZ
09:30 – 09:45	Workshop Objectives	Mr. Robert Schultz, GIZ
09:45 – 10:00	ESIP program overview	Mr. Ali Maher, GIZ
10:00– 10:30	<b>Tea Break</b>	
10:30 – 11:30	<b>Output.1</b> Public Sector	Mr. Mustafa Halim & Mr. Latif Sarhal, GIZ
11:30 – 12:30	<b>Output.2</b> Private Sector	Mr. Qader Waziri & Mr. Basir Wahab, GIZ
12:30 – 01:30	<b>Lunch Break</b>	
13:30 – 14:30	<b>Output.3</b> Academia & TVET	Mr. Riza Jafari, GIZ
14:30 – 15:15	<b>Output.4</b> Rural Electrification	Mr. Walid Rahimi, GIZ
15:15 – 15:30	<b>Tea Break</b>	
15:30 – 15:45	PEC institutionalization	Mr. Naqeeb Karimi, GIZ Mr. Hamed Karimi, IDLG
15:45 – 15:55	Signing of YES II Concept with relevant partners	MEW, Academia, DABS, AREU, GIZ
15:55 – 16:05	Establishment of Private Sector Steering Committee	MEW, ACCI, DABS, AREU, GIZ
16:05 – 16:15	Wrap up and reflections of the first day	Mr. Robert Schultz, GIZ

Date: 19<sup>th</sup> – 21<sup>nd</sup> July. 2019

Venue: Four Points by Sheraton Hotel, Bur Dubai

<b>July 20<sup>th</sup>, 2019</b>		
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
	Group Discussions and WAY FORWARD	
09:00 – 09:20	Introduction	Mr. Robert Schultz, GIZ
09:20 – 10:00	Group Work	All Participants
10:00– 10:30	<b>Tea Break</b>	
10:30 – 12:30	Group Work -Continued	All Participants
12:30 – 01:30	<b>Lunch Break</b>	
13:30 – 14:00	MEW -Expectations and Way forward	TBD, MEW, IDLG
14:00 – 14:20	DABS -Expectations and Way forward	TBD, DABS
14:20 – 14:40	AREU -Expectations and Way forward	TBD, AREU
14:40 – 15:00	<b>Tea Break</b>	
15:00 – 15:20	MEW prioritization	Team, MEW
15:20 – 15:50	Pillar Meeting <i>Parallel</i>	All participants
15:50 – 16:00	Wrap up and closing	Mr. Zakhilwal, MEW