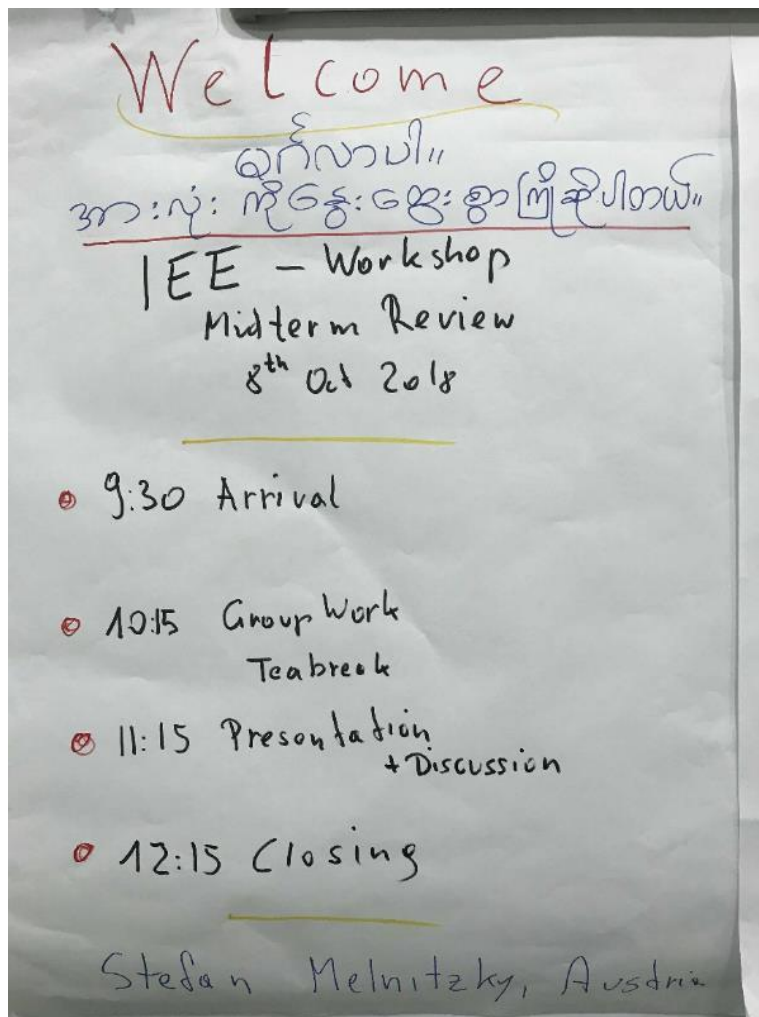


# Mid-Term Review Evaluation Mission

## Group Discussion

(8<sup>th</sup> October 2018)



## Summary

The purpose of a Group Discussion is to generate new ideas and to provide feedbacks for IEE project and its activities. Firstly, the participants introduced their partners and gave a short brief linkage between the object they chose with the project content. After that, the participants were divided into five groups and each group was given into two questions and let them discuss on their questions. One representative from each group presented a summary of given questions on overall viewpoints and attitudes of their individual groups.



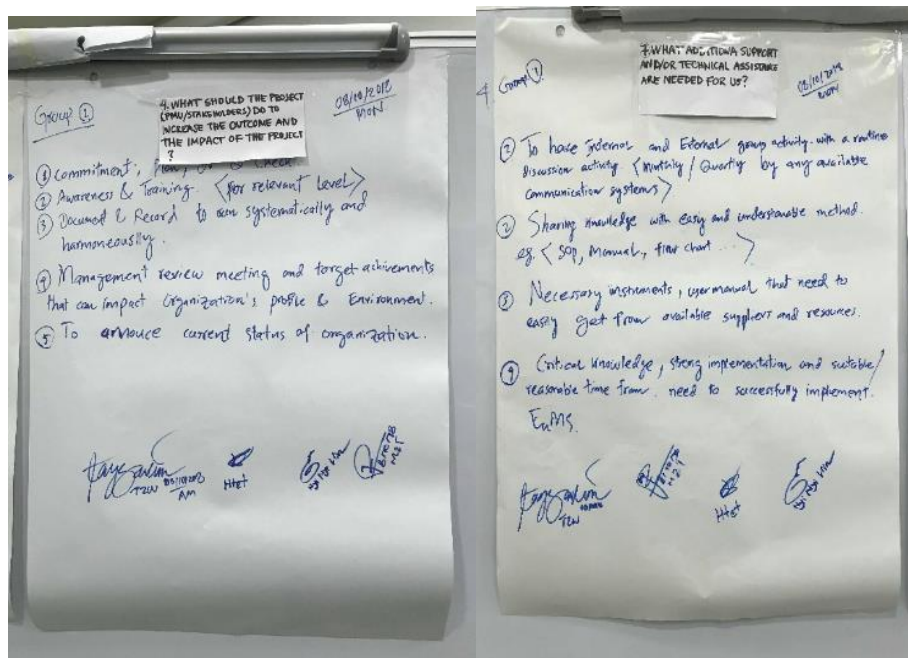
*Group Discussion at IEE Training Center*

## Group 1 Discussion Photos



### Group Participants:

1. U Tay Zar win
2. U Htet Lwin Min
3. U Nyi Nyi Win
4. U Myo Zar Htun



**Group one Discussion Summary Table**

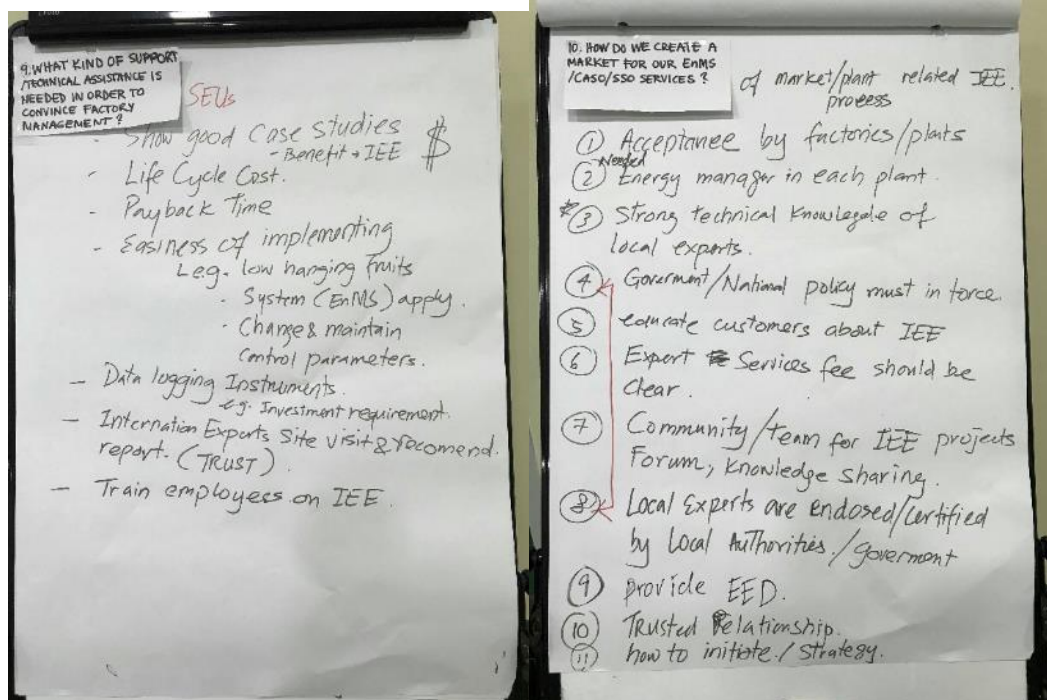
Group No	Questions for Group Work	Outcome of Discussion
1	Which additional supports and/or technical assistance are needed for us?	<ul style="list-style-type: none"> <li>- Group Discussion Activity between trainees' candidates are required</li> <li>- Better communication environment is required</li> <li>- Knowledge sharing between participants is required</li> <li>- Energy Efficient instruments/equipment information are required</li> <li>- Suitable timeframe is required for successful EnMS implementation</li> </ul>
	What should the project (PMU and/or stakeholders) do to increase the outcome and the impact of the project?	<ul style="list-style-type: none"> <li>- Commitment from top management and management system concepts are essential</li> <li>- Should conduct Awareness Training for all relevant levels</li> <li>- To do document &amp; record systematically</li> <li>- Management review meetings to achieve targets/objectives are required</li> <li>- To disclose the current/real situations of the project</li> </ul>

## Group 2 Discussion Photos



### Group Participants:

1. U Sai Aung Min @ Daniel
2. U Kyaw Hlaing Aye
3. Daw Chan Myae Htay
4. U Ngwe Min Zaw



**Group 2 Discussion Summary Table**

Group No	Questions for Group Work	Outcome of Discussion
2	What kind of support/technical assistance is needed to convince factory management?	<ul style="list-style-type: none"> <li>- Good local successful case study with benefit expressed in terms of money are essential element for good marketing</li> <li>- Calculation of life cycle cost, payback time are required</li> <li>- Ease of energy efficiency implementation such as better operational control, regular maintenance, application of energy system approach, low hanging fruits opportunities</li> <li>- Various instruments including data logger to measure energy consumption at plant</li> <li>- International Experts site visit reports, assessment reports</li> <li>- More trainings to employees</li> </ul>
	How do we create a market for our EnMS/CASO/SSO services?	<ul style="list-style-type: none"> <li>- Knowledge on market/plant with related industrial energy efficiency process/procedure are key issues</li> <li>- Acceptance by factory/plant on competency of service provider</li> <li>- Energy managers appointment at respective plants are required</li> <li>- Strong technical knowledge of technical experts/ service providers</li> <li>- Government/National Energy Efficiency Policy must be in place and in forced</li> <li>- Educate customers about industrial energy efficiency</li> <li>- Experts service fees should be clear</li> <li>- Community for IEE project forum is required for knowledge sharing</li> <li>- Endorsement/Certification system to local experts by Governments is required</li> <li>- Energy Efficient Design must be applied for new plant</li> <li>- Trusted Relationship between Energy Efficiency Service Provider and customers</li> <li>- Government Strategy to create enabling environment for energy services market is required</li> </ul>

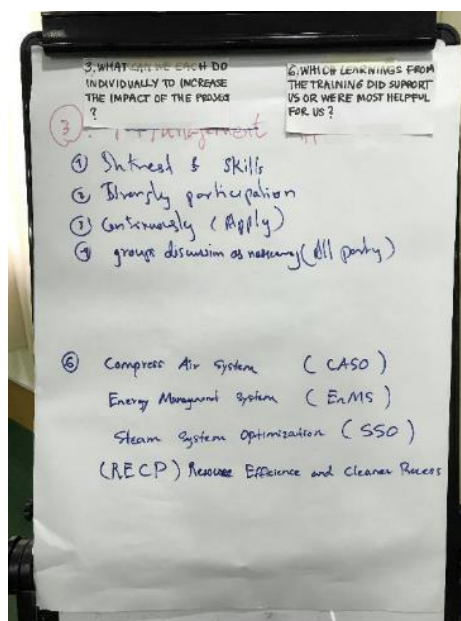


### Group 3 Discussion Photos



#### Group Participants:

1. U Tin Htut
2. U Kyaw Nyein
3. U Aung Min Thu
4. U Khin Maung Shwe



**Group 3 Discussion Summary Table**

Group No	Questions for Group Work	Outcome of Discussion
3	What can we each do individually to increase impact of the project?	<ul style="list-style-type: none"> <li>- Individual Interest and Skill to grasp training content, reference resources are essential</li> <li>- Strong and active participation in Training Activities are important</li> <li>- Application of Training Content continuously</li> <li>- Group Discussion from all stakeholders/parties are needed as necessary</li> </ul>
	Which learnings from the training did support us or most helpful for us?	<ul style="list-style-type: none"> <li>- Compressed Air System Optimization Technique, knowledges, applications</li> <li>- Steam System Optimization Technique, knowledges, applications</li> <li>- Energy Management System Technique, knowledges, applications</li> <li>- Resource Efficient and Cleaner Production Technique, knowledges, applications</li> </ul>

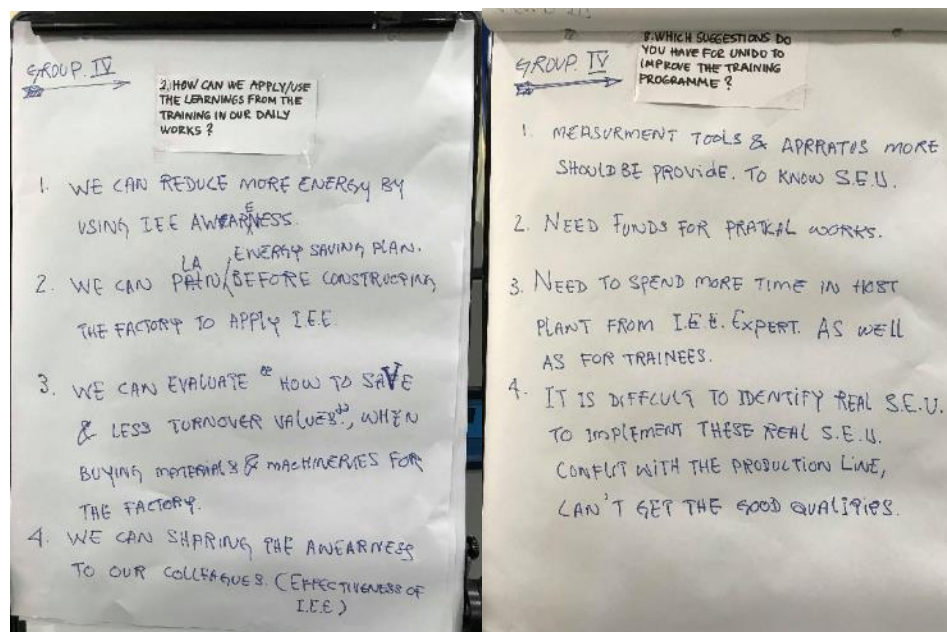


## Group 4 Discussion Photos



### Group Participants:

1. U Thein Aung
2. Daw Moe Myat Theingi
3. U Ko Ko Gyi
4. U Kyaw Kyaw Htun



**Group 4 Discussion Summary Table**

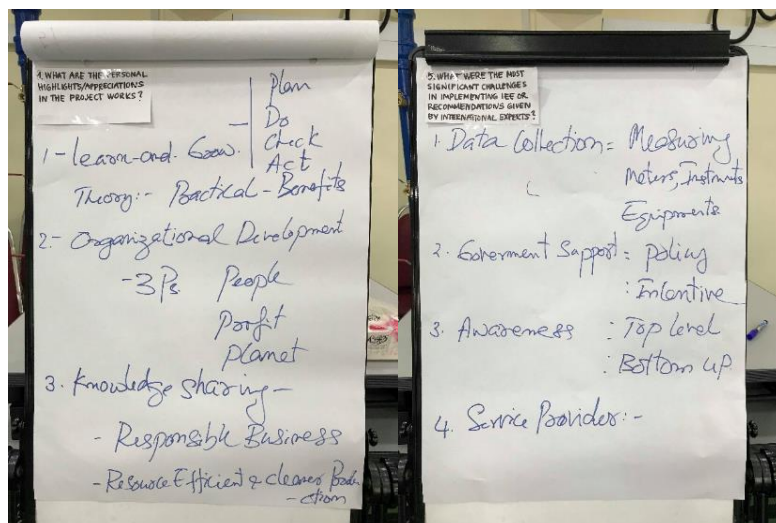
Group No	Questions for Group Work	Outcome of Discussion
4	How can we apply/use learning from IEE Training in our daily works?	<ul style="list-style-type: none"> <li>- Via Knowledge gained by Awareness/User Training Presentation Content</li> <li>- Energy Efficient Design Idea can be applied for new plant after attending IEE Trainings</li> <li>- Energy Efficient Procurement Idea can be applied</li> <li>- Can disseminate energy efficient awareness to colleagues from working environment</li> </ul>
	Which suggestions do you have for UNIDO to improve training program?	<ul style="list-style-type: none"> <li>- To know Significant Energy User (SEU), measurement instrument should be provided by project</li> <li>- For real implementation, available fund is required</li> <li>- Both international expert and trainees should spend more time at host plant</li> <li>- Conflict resolution with production volume should be resolved</li> </ul>

## Group 5 Discussion Photos



### Group Participants:

1. U Aung Kyaw Soe
2. U Zaw Win
3. U Zaw Bo
4. U Kaung Htet Shinn



### Group 5 Discussion Summary Table

Group No	Questions for Group Work	Outcome of Discussion
5	What are personal highlights/ appreciations in the project work?	<ul style="list-style-type: none"> <li>- Need practical work together with theory ( EnMS/ CASO/SSO)</li> <li>- Should apply responsible business model idea</li> <li>- Should combine with idea of Resource Efficient and Cleaner Production Technique</li> </ul>
	What were the most significant challenges in implementing IEE or recommendations given by International Experts?	<ul style="list-style-type: none"> <li>- Measurement instruments for data collection are important</li> <li>- To get support from Government side with policy, incentives schemes</li> <li>- To do Awareness for both Top Level Management and staffs/ workers</li> <li>- Creation of competent Energy Efficiency-Service Provider</li> </ul>

## Registration List of Participants

<div style="display: flex; justify-content: space-between; align-items: center;">  <div> <b>List of Participants For Group Discussion</b>                      on 8-10-2018 (Monday) : 9:30 AM @ Energy Efficiency Training Center                 </div>  </div>						
NO.	NAME	POSITION	INSTITUTION	EMAIL ADDRESS	PHONE	Sign
1	U Aung Kywe Soe	Director	Ngan Sao Tau (199) Co., Ltd	an.ayawson@gmail.com	09-5056300	
2	U Aung Min Thu	Senior Assistant Engineer	Shwe Tsung Cement Co., Ltd, Pyi Nyauing	aungminthu8@gmail.com	09-794012889 09-733380964	
3	U Kyaw Nyin	Senior Process Engineer	Myanmar Distillery Company	kyawnyinnet7@gmail.com	09-5409642	
4	U Tin Zar Win	Deputy Manager	Aida General Transformer Co., Ltd	tinzarwin.aid@gmail.com	09-875500048	
6	U Htoon Nay Htoon	Commercial Manager	Sembcorp Mubigan Power Co., Ltd	htoon.nayhtoon@sembcorp.com	09-788457128	
7	U Aung Myint Myat	Founder	EduGate Training Center	awinmyintmyat@gmail.com	09-422540237	
8	U Thawng Win	Member	Energy Development Committee (Myanmar National Energy Management Committee)	thawngwin14@gmail.com	09-5156018	
9	U Htet Lwin Min	Electrical Engineer	Indochina Engineering Vietnam Ltd	htetlwinmin5@gmail.com	09-780838372	
10	U Kaung Htet Shwe	Mechanical Engineer	Mandalay Technology	kaunghtetshwe3@gmail.com	09-674793453	
11	U Zaw Bo	Consultant	National Infrastructure	zawbo@ninfocal.net.mm	09-440004322	
12	Daw Moe Myat Theng	Assistant System Auditor	Proven Technology Industry Co., Ltd	awm@proventechmyanmar.com	09-250561542	
13	U Kyaw Hlaing Aye	Sub Assistant Engineer	Shwe Tsung Cement Co., Ltd	kyawhlaingay1@gmail.com	09-97782954	

14	U Aung Phang	Senior Field Engineer	Schlumberger Oil Field Services	avipawata@hotmail.com	09-787155106	
15	Dr. San Thin Thandar	Technical Director	SolutiSys	shunt@gmail.com	09-799708888	
16	U Thein Aung	Managing Director	Therim Htoo Kyaw Public Co., Ltd	apthawinnow@gmail.com	09-420313767	
17	U Tin Hnat	Senior Production Manager	Unilever Myanmar Co. Ltd	tinhtun07@gmail.com	09-451243182	
18	U Ko Ko Gyi	Plant Manager	Golden Dows Eco-System Myanmar Co., Ltd	ko.ko.gyi@golden-dows.com	09-261453036	
19	U Khin Maung Shwe	Port Engineer	Myanmar Integrated Port Limited, Tharyin	win.khinmaungshwe@gmail.com	09-421167771	
20	U Ngwe Min Zaw	Manager	Delight Co., Ltd	ngwe.min.zaw@delight.com.mm	09-077100291	
21	U Nyei Myi Win	Boiler Inspector	Ministry of Industry	nyeiwin8@gmail.com	09-797362384	
22	Daw Chen Myae Htay	Sub Assistant Engineer	Apache Cement STC Co., Ltd	chaymyathay1@gmail.com	09-789917439	
23	Dr. Min Thaw Tun	Assistant Professor	Yangon Technological University	minthawtun@gmail.com	09-421022249	
24	U Myo Zar Htin	Sub Assistant Engineer	Apache Cement STC Co., Ltd	myozarhtin@gmail.com	09-977830956	
25	U Zaw Win	Gen	UPH Co., Ltd.	zawwin.upsand.com	09-5240974	
26	U Kyaw Tun	Utility Specialist	Heineken Myanmar	kyawtun200@gmail.com	09-7852888	
27	Son Aung Min	Permit		kesmi@mevitech-an.com		