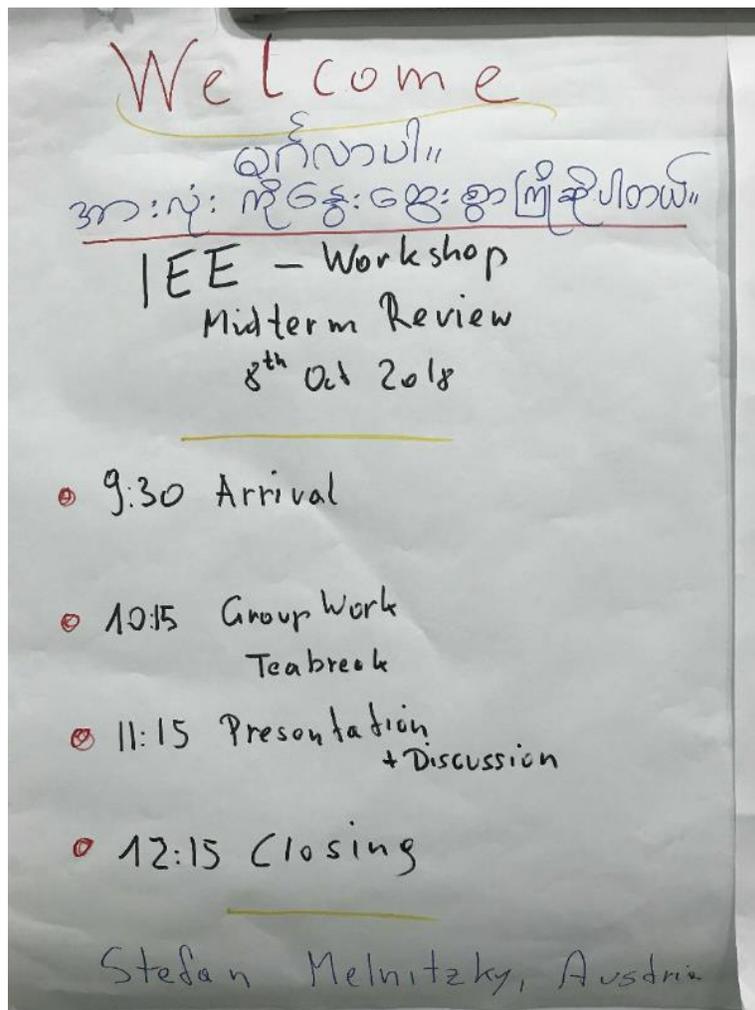


Mid-Term Review Evaluation Mission

Group Discussion

(8th 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.



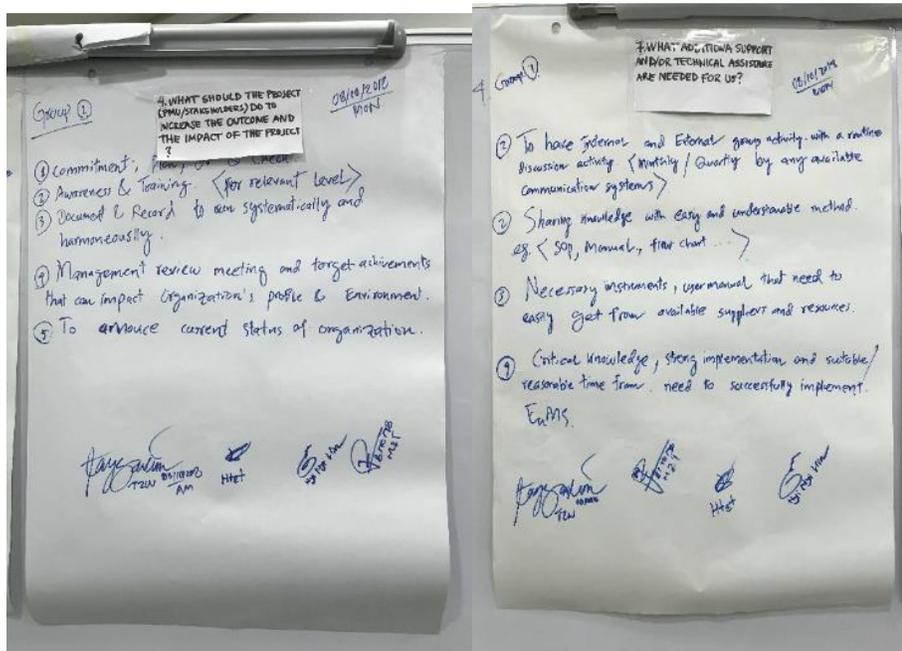
Group Discussion at IEE Training Center

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

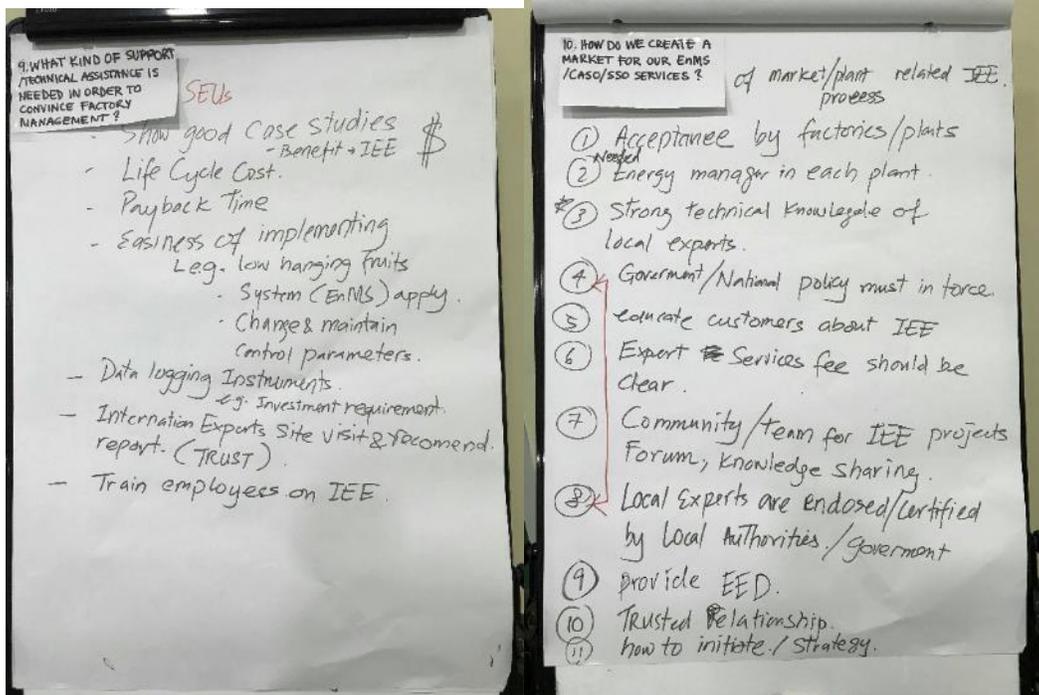
Group No	Questions for Group Work	Outcome of Discussion
1	Which additional supports and/or technical assistance are needed for us?	<ul style="list-style-type: none"> - Group Discussion Activity between trainees' candidates are required - Better communication environment is required - Knowledge sharing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

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

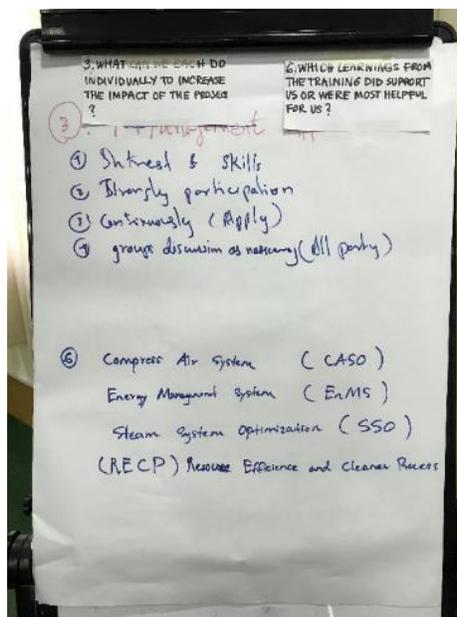
Group No	Questions for Group Work	Outcome of Discussion
2	What kind of support/technical assistance is needed to convince factory management?	<ul style="list-style-type: none"> - Good local successful case study with benefit expressed in terms of money are essential element for good marketing - Calculation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

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

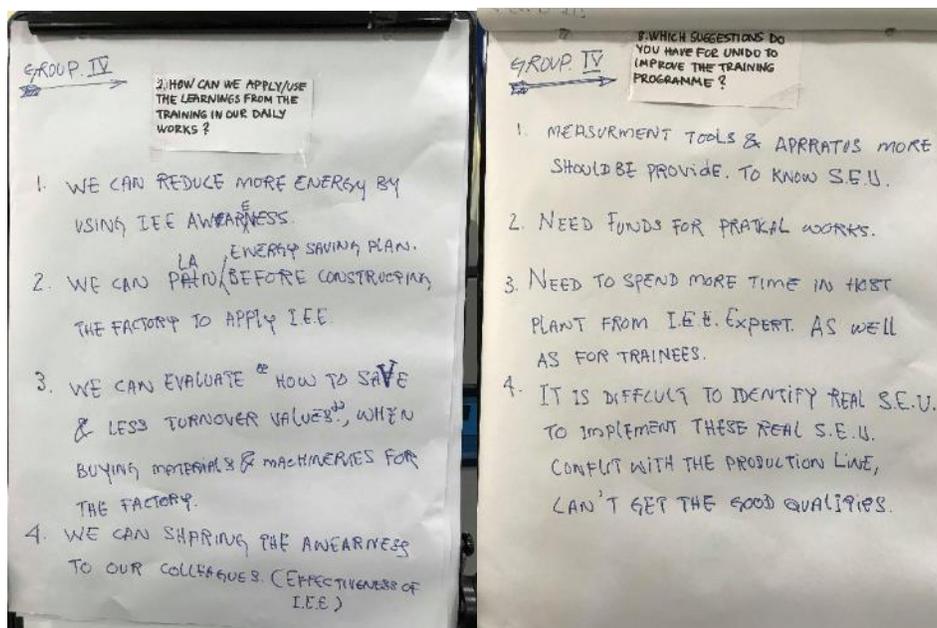
Group No	Questions for Group Work	Outcome of Discussion
3	What can we each do individually to increase impact of the project?	<ul style="list-style-type: none"> - Individual Interest and Skill to grasp training content, reference resources are essential - Strong and active participation in Training Activities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

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

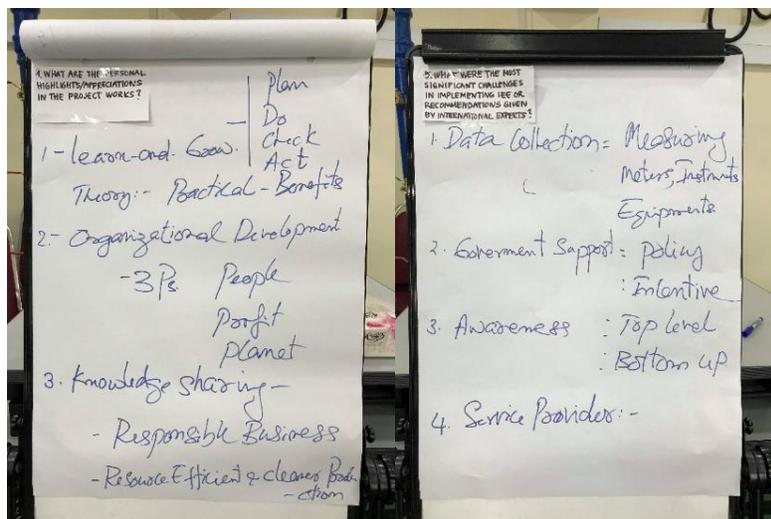
Group No	Questions for Group Work	Outcome of Discussion
4	How can we apply/use learning from IEE Training in our daily works?	<ul style="list-style-type: none"> - Via Knowledge gained by Awareness/User Training Presentation Content - Energy Efficient Design Idea can be applied for new plant after attending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

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"> - Need practical work together with theory (EnMS/ CASO/SSO) - Should apply responsible business model idea - Should combine with idea of Resource Efficient and Cleaner Production Technique
	What were the most significant challenges in implementing IEE or recommendations given by International Experts?	<ul style="list-style-type: none"> - Measurement instruments for data collection are important - To get support from Government side with policy, incentives schemes - To do Awareness for both Top Level Management and staffs/ workers - Creation of competent Energy Efficiency-Service Provider

Registration List of Participants



List of Participants For Group Discussion on 8-10-2018 (Monday) : 9:30 AM @ Energy Efficiency Training Center



NO.	NAME	POSITION	INSTITUTION	EMAIL ADDRESS	PHONE	Sign
1	U Aung Kywe Soe	Director	Ngwe San Tau (899) Co., Ltd	amshwe80@gmail.com	09-5056300	[Signature]
2	U Aung Min Thu	Senior Assistant Engineer	Shwe Taung Cement Co., Ltd, Pyl Nyang	sunaminttho@gmail.com	09-76402888 09-73330064	[Signature]
3	U Kyaw Nyeik	Senior Process Engineer	Myanmar Distillery Company	kyawnyei7@gmail.com	09-5489642	[Signature]
4	U Tin Zar Win	Deputy Manager	Asia General Transformer Co., Ltd	tinwin.asia@gmail.com	09-87550008	[Signature]
6	U Htoon Nay Htoon	Commercial Manager	Sembcorp Mjangan Power Co., Ltd	htoon.nayhtoon@sembcorp.com	09-788457128	[Signature]
7	U Aung Myint Myat	Founder	EduGate Training Center	awmyintmyat@gmail.com	09-422540237	[Signature]
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9	U Htet Lwin Min	Electrical Engineer	Inductra Engineering Vietnam Ltd	htetlwin82@gmail.com	09-78084872	[Signature]
10	U Kaung Htet Shwin	Mechanical Engineer	Mandaky Technology	kaunghtetshwin@gmail.com	09-97479453	[Signature]
11	U Zaw Bo	Consultant	National Infrastructure	zawbo@ninfoc.com	09-44004322	[Signature]
12	Daw Min Myat Theng	Assistant System Auditor	Proven Technology Industry Co., Ltd	minmyattheng@proventech.com	09-250561542	[Signature]
13	U Kyaw Hlaing Aye	Sub Assistant Engineer	Shwe Taung Cement Co., Ltd	kyawhlaingay8@gmail.com	09-97882954	[Signature]

14	U Aung Phng	Senior Field Engineer	Schlumberger Oil Field Services	phngawin@hotmail.com	09-78715106	
15	Dr. Soe Thin Thandar	Technical Director	SolarGoSys	soethin@gmail.com	09-79970888	
16	U Thein Aung	Managing Director	Thein Htoo Kyaw Public Co., Ltd	ophinawin@gmail.com	09-400313767	[Signature]
17	U Tin Hnat	Senior Production Manager	Unilever Myanmar Co.Ltd	tinhnat07@gmail.com	09-451243182	[Signature]
18	U Ko Ko Gyi	Plant Manager	GoMen Dawa Eco-System Myanmar Co., Ltd	kokeya@goem.com	09-261453086	[Signature]
19	U Khin Maung Shwe	Port Engineer	Myanmar Integrated Port Limited, Thailand	myanmarportshwe@gmail.com	09-421167771	[Signature]
20	U Ngwe Min Zaw	Manager	Delight Co., Ltd	ngwe.min.zaw@delight.com	09-077100291	[Signature]
21	U Nye Myi Win	Boiler Inspector	Ministry of Industry	nyemyiwin@gmail.com	09-79782384	[Signature]
22	Daw Chan Mye Htay	Sub Assistant Engineer	Apache Cement STC Co., Ltd	chanmyethay@gmail.com	09-789917439	Ch. 8.10.18
23	Dr. Min Thaw Tun	Assistant Professor	Yangon Technological University	minthawtun@gmail.com	09-42302249	[Signature]
24	U Myo Zar Htan	Sub Assistant Engineer	Apache Cement STC Co., Ltd	myozarhtan@gmail.com	09-97783096	[Signature]
25	U Zaw Loik	Gen	UPH Co., Ltd.	zawloik@uph.com	09-5240974	[Signature]
26	U Kyaw Tun	Utility Specialist	Heineken Myanmar	kyawtun200@gmail.com	09-7828282	[Signature]
27	Son Aung Min Perris			kesmi@mevitech.com		[Signature]