

## Agenda: Summer School 2016 - The Implementation and Enhancement of MRV System for GHGs and ETs

Day 1 – Introduction -26 <sup>th</sup> of September Monday		
Morning		
Time	Agenda item	Details
9:00-9:30	<b>Presentation:</b> Welcome and outline of the Course (GIZ, MOEU, REE)	Welcoming words, including an opening speech from General Director of Environmental Management GD. Explanation of objectives of the Summer School, Learning Methods, agenda
9:30-10:15	<b>Activity:</b> Interactive Introduction of Participants (facilitated by REE)	Participants work in pairs during 15 mins, present themselves to the other (Names, Organisation, and Function) and tell them a bit about themselves at a personal level (e.g. hobbies). Then participants come back together and everybody presents their partner to the group.
10:15-10:30	<b>Activity:</b> Board of Expectations (facilitated by REE)	Participants write their expectations for the Summer School on cards, the trainers group the cards, pin them onto a zopp-board and present the expectations. The zopp-board remains in the room during the Summer School and is used for evaluation on the last day.
10:30-10:45	<b>Coffee break</b>	
10:45-11:15	<b>Informative Session:</b> Introduction to transparency, national MRV and markets mechanisms (REE)	<ul style="list-style-type: none"> <li>• Transparency requirement under Paris Agreements</li> <li>• national MRV systems</li> <li>• Market mechanisms and their MRV</li> <li>• How the three topics interconnect</li> </ul>
11:15-12:00	<b>Informative Session:</b> The meaning of the Paris Agreement for market mechanisms (Andrei Marcu, ICTSD-PMR)	How transparency requirements in the Paris Agreement will influence market mechanisms, what might change, what is likely to stay the same?
12:00-1:30	<b>Lunch break</b>	

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Afternoon		
	Agenda item	Details
1:30-1:45	Refresher	<b>Short activity to wake up participants after lunch</b>
1:45-2:45	<b>Presentation:</b> What is MRV? An introductory session from very basic to detail (REE)	Introduction to the M, R and V and country examples of their implementation. Inc. 20 mins for Q&A.
2:45-3:15	<b>Coffee break</b>	
3:15-4:30	<b>Activity:</b> Round table and fishbowl discussion- Status on Carbon Markets in the participants' countries	<p>Each participant presents the existing situation in their countries. What is the existing situation in participants' countries related to the development of carbon markets?</p> <p>This will be followed by a fishbowl discussion on the following questions: What is necessary to develop and implement regulatory frameworks for market mechanisms after Paris? Exchange of experience, problems, solutions.</p> <p>For a fishbowl discussion participants sit in a circle with two chairs in the middle. Only the persons sitting in the middle can discuss. After having asked the starting question and the first two participants who want to discuss up will sit down in the middle and discuss, participants can leave the middle whenever they want, others can take their place once a seat in the middle becomes free. REE will facilitate the discussion.</p>

Day 2 – Monitoring, Reporting and Data Management – 27 <sup>th</sup> of September Tuesday		
Morning		
Time	Agenda item	Details
9:00-9:05	5 min recap from previous day	A group of 4-6 participants presents the key lessons from the previous day.
09:05 – 10:30	<b>Informative session:</b> Introduction to ETS MRV – (REE)	ETS MRV based on the example of the EU ETS, monitoring requirements, tiers, monitoring plan, sampling, analyzing, etc.). 5 minutes refresher after the theoretic slides, followed by detailed examples from the electricity sector.

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		Inc. 20 mins for Q&A.
10:30-11:00	<b>Coffee break</b>	
11:00-12:30	<b>Activity:</b> Elements of MRV – how to develop a system in a country with a basic approach (group work with role-play element)	Participants are divided in groups of 6-8 and provided with handouts providing information on fictitious countries aiming to set-up a basic installation-level MRV. Based on the information provided, participants discuss limits for installation sizes, basic MRV requirements, alignment with existing air quality reporting and involvement approaches for the various sectors. Participants will discuss for 40 mins, then present their results to the plenary, followed by a plenary discussion on the different solutions suggested.
12:30-14:00	<b>Lunch break</b>	
<b>Afternoon</b>		
	<b>Agenda item</b>	<b>Details</b>
14:00-14:45	<b>Informative Session:</b> Introduction to GHG Data Management – Building systems for facility-level reporting (Chelsea Hasenauer)	Introduction to the PMR's guidance on setting up GHG data management systems at the facility level
14:45-15:15	<b>Presentation</b> Setting up an MRV system in Turkey (Kerstin Dietrich)	Requirements of Monitoring; Reporting and Verification System, involving key actors, sectoral examples.
15:15-15:45	<b>Coffee break</b>	Brief activity to refocus participants for the upcoming presentation
15:45-16:30	<b>Presentation:</b> Turkey's Data Management System (Life Energy, Kağıt Sokağı)	Approach and data, set-up process, lessons learned
16:30-17:00	<b>Activity:</b> Develop a monitoring report for electricity sector to address installation visit on the following day	Participants are divided in groups of 6-8 and provided with handouts providing a basic monitoring plan template and information on processes, consumption and measurement options at a lignite-fired power plant
17:00-17:05	<b>Info:</b> Information about installation visit on day 3	Aim and content of the trip, logistics.

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Day 3 – Installation Visit– 28 <sup>th</sup> of September Wednesday		
Full Day		
Time	Agenda item	Details
10:00 – 16:00	Installation Visit	Field trip to an electricity generation installation (ENKA Power Group of Companies) in İzmir Aliğa Region.

Day 4 - MRV Data Management and Verification/Accreditation– 29 <sup>th</sup> of September Thursday		
Morning		
Time	Agenda item	Details
09:00-09:05	5-min recap from previous day	A group of 4-6 participants presents the key lessons from the previous day.
09:05-9:45	<b>Presentation:</b> Combining ETS and national MRV data management systems (REE)	How ETS data can be used for national MRV systems, e.g. to improve national GHG inventories
9:45-10:45	<b>Presentations:</b> Data Management under the EU ETS (DEHSt)	System functions, considerations in system set-up, lessons learned, development of the system over time.
10:45-11:15		
11:15-11:45	<b>Activity:</b> Group work: verifying a monitoring report	Short exercise deliberately put before presentation on verification to raise awareness on relevant issues. Participants are divided in groups of 6-8 and provided with handouts providing a short emission report. Participants are asked to detail how they would approach the verification and what materials they need. This will lead to a discussion around what the scope of a verification can be, what it needs to focus on and what key steps are, allowing the participants to better digest the information provided in the presentation which is to follow. Participant will discuss for 15 mins, then a 15 min plenary discussion will follow.
11:45-12:30	<b>Presentation:</b> Accreditation and Verification under Emission Trading Systems (REE)	Using the EU ETS as an example, presenting information on the verification process, requirements, typical issues, accreditation requirements, process, and lessons learned in the ETS over time.
12:30-14:00	<b>Lunch break</b>	

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	Afternoon	
	Agenda item	Details
14:00-15:00	<b>Presentation:</b> Facility level and data management in the South African MRV system (Phindile Mangwana, Ministry of Environmental Affairs )	Scope, MRV requirements, database structure, data management approach, lessons learned. Incl. 20 mins of Q&A.
15:00-16:15	<b>Activity:</b> Group work – Learning during MRV and data management system set-up  Coffee break during the activity	Participants are divided in groups of 6-8 and provided with handouts describing the set-up process of an ETS and its data management system in a fictitious country. Participants are asked to develop a capacity building strategy for the various stakeholders involved in the process (administration, industry), including the quick dissemination of lessons learned during the process. Participants will discuss for 40 mins, then present their results to the plenary, followed by a plenary discussion on the different solutions suggested.
16:15-17:00	<b>Activity:</b> Panel discussion: Data Management Systems Talk Show	Representatives from South Africa, The Climate Registry, DEHSt, and GIZ will form a panel where members from Ricardo and GIZ will act as interviewers and ask a series of questions on lessons learned on data management systems. The set out of the panel interview will be similar to a talk TV show. The panel discussion will be for 30 minutes, then the audience will have 10 minutes for questions and answers for the panel.

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Day 5 – Planning for the introduction of MRV systems – 30 <sup>th</sup> of September Friday		
Morning		
Time	Agenda item	Details
09:00-09:05	5-min recap from previous day	A group of 4-6 participants presents the key lessons from the previous day.
09:05-10:00	<b>Informative Session:</b> Planning for the introduction of ETS and national MRV systems (REE)	Planning process, capacity building, stakeholder involvement, timeframes, assessments required, institutional structures, lessons learned from other countries
10:00-10:30	Coffee break	
10:30-11:30	<b>Presentation:</b> MRV of ETS in China (Constanze Böhning, GIZ)	Results of the regional ETS system testing and transposing it to a national system based on lessons learned. Incl. 20 mins of Q&A.
11:30-12:30	<b>Presentation:</b> MRV for ETS in Ukraine: From mere concept to a working system (Mr. Pavel; Ministry of Environmental Protection of Ukraine)	Status, outlook, lessons learned. Incl. 20 mins of Q&A.
Afternoon		
	Agenda item	Details
14:00-14:45	<b>Discussion:</b> How can other countries benefit from existing good practices while setting up an ETS and/or national MRV system?	Group discussion motivating participants to think about how they can transfer helpful examples they have learnt about during the Summer School in their own country.
14:45 - 15:45	<b>Presentation:</b> Short presentations from 4-6 participants on their intended next steps after the summer school.	In the morning of the fourth day REE will discuss with participants on ideas for design / set-up of MRV systems in their countries based on the discussions during the Summer School and ask these participants to make a 5-10 minute presentation (verbally).
15:45-16:15	Coffee break	
16:15-17:00	<b>Evaluation activities</b>	Participants write on cards a) what they liked about the Summer School, b) where they see potential for improvement. REE will group the cards and display them on two Zopp boards (one for a), one for b)). Ricardo Energy & Environment will then present the board of expectations with the first day and for all key expectations briefly

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		<p>discuss with the participants to what extent the expectations were fulfilled.</p> <p>Participants fill GIZ evaluation questionnaire.</p>
17:00	<b>Closure (GIZ)</b>	Closing words

	<b>Day 6 – Cultural Tour– 1<sup>st</sup> of October Saturday</b>	
	<b>Full Day</b>	
<b>Time</b>	<b>Agenda item</b>	<b>Details</b>
10:00 – 16:00	Cultural Tour	Ephesus, House of Virgin Marry, Selçuk Museum and İsa Bey Mosque