

ECRAN WG 3: ETS

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This Project is funded by the European Union



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WG3 activities and aims

- Main aims:
 - provide essential regulatory building blocks
 - and increase the technical capacity for a well-functioning future national/regional ETS system
- Target audience
 - primarily the competent authorities
 - secondary the operators of installations and aircrafts, as well as accreditation body and potential verifiers
- Means
 - Technical training
 - Workshops and seminars
 - Expert missions



Activities 2014 – 2016

Activity	2014				2015				2016			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
3.1: Regional Training Programme M&R and A&V Regulations												
Technical trainings	√											
ETS and aviation	P	√										
Training MRR and AVR			√									
M&R training for operators (3x)				√	P	√			P	√		
3.2: Training missions to EU Member States												
MS training mission				√			P	√				
3.3: ETS strategy documents												
Implementation seminars (2x)		P			P/√						√	
Targeted TAIEX ETS missions (5x)		P	P		P	√	P	√	P/√	√√		



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So what did we do in practice?

- Explaining EC regulation and guidance material
- Peers provide lessons learned
 - What does the regulation mean in terms of practical organisation and decision making
 - What challenges were faced; which solutions were found
 - How much time is spent; learning on planning matters
- Showing insights from the perspective of ‘the other players’ (NAB, verifier, operator)
- Providing links to further relevant material
- **But mainly: practical examples and ‘hands-on’ support**



What are the results?

- High level of improvement of understanding the potential impact and width of ETS
 - On sectoral policies and decision making (e.g. future permitting of new coal plants)
 - On the capacity requirements in the Climate Change units
 - On the data that is required, the required active involvement of industry, the capacity building needs, etc.
- Practical understanding of the needs and value of monitoring and reporting
- A real understanding of what all EU ETS legislation means in practice (for various stakeholders)

All National ECRAN Climate Coordinators confirm that ECRAN promoted/contributed to the development of national ETS legislation and policies through training and practical work



Example of what a
roadmap could contain

Example 1: roadmapping

Chapters of a possible roadmap towards ETS implementation

1. Political and economic context	7. Allocation
2. Emissions trading and key institutional requirements	8. Monitoring and reporting
3. Action plan for transposition and implementation	9. Registry
4. The legislative framework	10. Auctioning
5. Identification of installations	11. Accreditation and verification
6. Permitting	12. Inspection and enforcement



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Exercise: make it specific and clear

What	Who	When
<i>Try to be specific</i>	<i>Who is the final responsible body?</i>	<i>Sketch indicated timeframe</i>
<i>Think of needs and requirements</i>	<i>What others should be involved in decision making?</i>	<i>Identify dependencies</i>
	<i>What others should be informed?</i>	

Working exercises to help structure the challenges and key questions, as well as to start actual discussion and planning



Example 2: monitoring plan

C. Installation Description

5 About the Installation Activities

Please use this sheet for describing your installation. In particular, source streams will be described in more detail in sheet E F MeasurementBasedApproaches.

- (a) Description of the installation and its a

Please provide here a brief outline description of the technical summary of the description should also ETS. This description should emissions. It may be a

the installation, and describe the location of activity performed by the ap

complete

Explanation what needs to be filled in here and its purpose

the information given in other parts of this are used together for calculating the s, section 7(a).

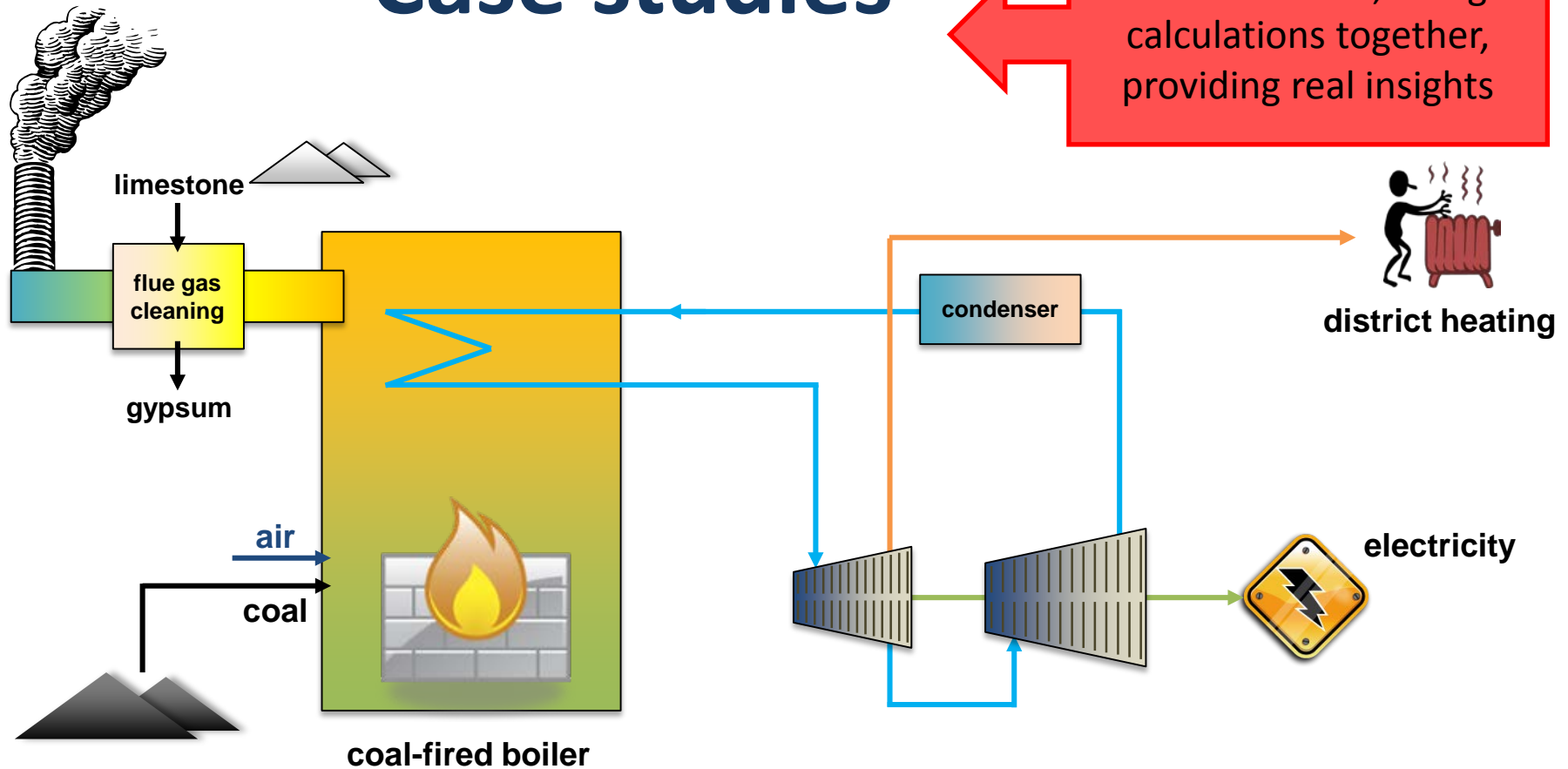
- (b) Source Stream Diagram document title and reference:

It may aid the description of activities to provide a simple diagram showing emissions sources, source streams, sampling points and metering/measurement equipment. If such a diagram is available please provide here a reference (filename, date) and attach a copy when submitting this monitoring plan to your competent authority.



Case studies

Practical cases, doing
calculations together,
providing real insights



Source: ENVIRONMENT
AGENCY AUSTRIA **umweltbundesamt^U**



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Example 3: An 'as-if verification'



- Teaching the operator what a verifier asks, understand the impact of choices made and how to organise data collection & validation within the company
- Teaching the competent authority why a verifier asks specific questions and how to identify incompletenesses and inconsistencies



Results

Activity	Successes	Challenges
3.1: Regional Training Programme MRR & AVR	<ul style="list-style-type: none"> • Attracting very experienced speakers • High appreciation • Addressing various stakeholders 	<ul style="list-style-type: none"> • Committing speakers • Reaching the appropriate stakeholders in countries where ETS is still 'far future'
3.2: Training missions to EU Member States	<ul style="list-style-type: none"> • High level cooperation hosts • The practical peak into the future • Combination with site visit 	<ul style="list-style-type: none"> • Committing hosts • High trainer need to address all aspects
3.3a: Roadmap seminars	<ul style="list-style-type: none"> • High level of participation beneficiaries and trainers • Actual start of preparations 	<ul style="list-style-type: none"> • Wide variation of ETS readiness among beneficiaries • Limited options to follow-up after training
3.3b: Technical missions	<ul style="list-style-type: none"> • Providing hands-on experiences • Joint learning of various stakeholders (CA/industry/NAB, etc.) 	<ul style="list-style-type: none"> • Formulation of beneficiary needs • High amount of preparation time for trainers



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Country specifics (1)

Country	Status	Challenges/follow-up
Albania	<ul style="list-style-type: none"> • Strengthened capacity Nat. Env. Agency; advanced ECRAN training on EU ETS • Draft CC legislation prepared, incl view on future EU ETS MRV provisions 	<ul style="list-style-type: none"> • Further capacity challenges to define framework Law, Roadmap and Action Plan
Bosnia and Herzegovina	<ul style="list-style-type: none"> • Strong progress ETS awareness in last 1.5 yrs; ready for more capacity building 	<ul style="list-style-type: none"> • Regulatory framework provides additional challenges; extra focus needed on governance
Croatia	<ul style="list-style-type: none"> • ETS in place since Jan. 2013 • Among better performing EU MSs 	(Not part of ECRAN follow-up)
Kosovo	<ul style="list-style-type: none"> • First stages of CC roadmapping 	<ul style="list-style-type: none"> • Further capacity challenges to define framework Law, Roadmap and Action Plan



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Country specifics (2)

Country	Status	Challenges/follow-up
Macedonia	<ul style="list-style-type: none"> • Have developed CC roadmap, incl. ETS requirements • Ready to start EU ETS implem. steps 	<ul style="list-style-type: none"> • Political/legal situation yet to be clarified
Montenegro	<ul style="list-style-type: none"> • Strengthened admin. capacity • CC Action Plan and ETS roadmap developed. Requested support for first ETS implementation steps • ECRAN supported preparation action documents on EU ETS 	<ul style="list-style-type: none"> • Insufficient local capacity to follow proposed ETS roadmap
Serbia	<ul style="list-style-type: none"> • ECRAN supported stakeholders throughout MRAP implementation chain on improved understanding of requirement • Serbia now near-ready to start M&R part ETS Jan 2017 	<ul style="list-style-type: none"> • ETS Law yet to be adopted
Turkey	<ul style="list-style-type: none"> • Preparations M&R far advanced; many capacity building activities • ECRAN supported targeted training on A&V 	<ul style="list-style-type: none"> • Aligning with various other support activities



Considerations ECRAN follow-up

- ECRAN as ‘engine’ to further preparations and actions => include options to support obtaining follow-up support
- Keep peer-to-peer part; lessons learned from ETS experts are most valuable (kick-starting actions + network)
- Keep combining training to national authorities in combination with other stakeholders to maximize effectiveness
- Include even more focused, tailor-made training missions. High additional effort, but certainly worth it
- Expand in-country training ‘working along with’ the national contact points
- Expand options to include dedicated experts for higher effectiveness of training

