

ECRAN Third Steering Committee meeeting

Zagreb, 23 April 2015

Imre Csikós

**Progress and planned activities
2014-2015**



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Here are the results of

Working Group 1: Climate Policy

2014-2015



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WHAT HAPPENED IN 2014?

- After Warsaw: INDCs appeared on the horizon
- IPCC AR5 SP
- New MRV rules
- New F-gas regulation
- New EP, new Commission
- GCF capitalisation, 10 billion Euros pledged now
- US-China climate agreement
- EU 2030 framework agreed
- Lima: a'la carte menu for Paris

• Global GHG concentrations are incre



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REFRESH: WG1 STANDS FOR...

Activity 1.1: Capacity building on modeling, scenarios and tools

A: Regional assessment of capacities

B: Regional training workshops on modeling

C: Practical training on quantitative models

Activity 1.2: Regional training programme on selected climate acquis

Activity 1.3: National High level dialogues

Activity 1.4: Practical hands on assistance on low-carbon policy and legislative development

A: Practical hands on assistance and short missions

B: IPA climate project proposal development

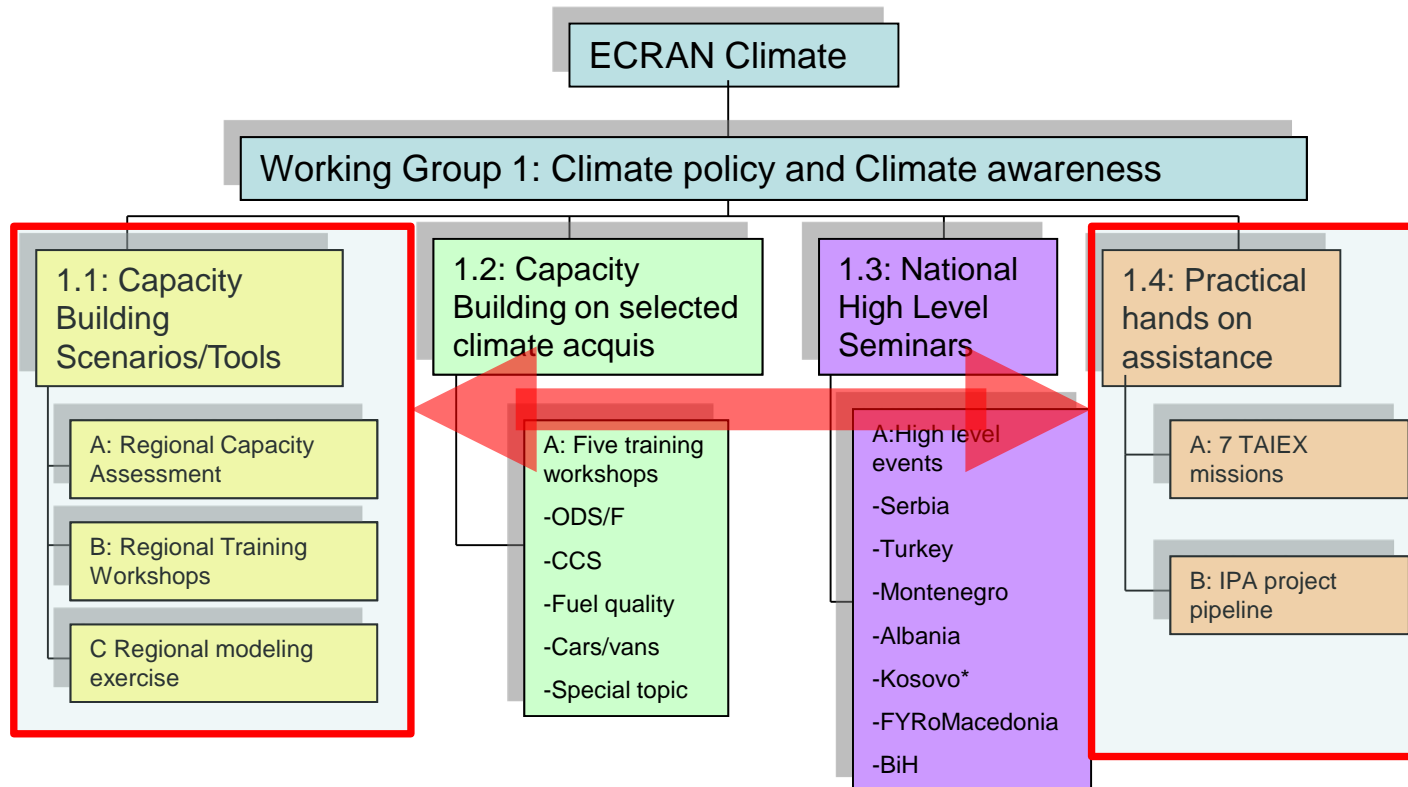


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REFRESH 2: WHAT YOU ALREADY SAW COUPLE OF TIMES...



WG1 ACTIVITIES IN 3RD REPORTING PERIOD

	2014			2015								
Working group 1: Climate Policy	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep
Sub-Task 3.1.1 A. Regional Capacities Assessment	COMPLETED											
Sub-Task 3.1.1 B. Regional Workshops	INDC WS 2					INDC WS 3						Training WS 4
Sub-Task 3.1.1 C. Practical training (pilot exercise)		WS	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise WS2	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise WS 3
Sub-Task 3.1.2 A. Climate acquis training										Training Fuel Quality		
Sub-Task 3.1.3 A. National High Level Seminars							Regional HL Istanbul	HL				
Sub-Task 3.1.4 A: Practical hands on assistance and short missions						LEAP MNE, Kos, Alb	LEAP Modellin g Belgrade		Mission INDC Albania	Mission?		Mission ?
Sub-Task 3.1.4 B. IPA Climate project pipeline development									Mission ?			Mission ?

COMPLETED ACTIVITIES 1ST AND 2ND REPORTING PERIOD

- Training Regional capacity for developing low emission strategies and modelling, 23 January 2014 , Zagreb
 - 8 presentations introduced good practices on modelling (EU and MS) level
 - Aspects of typology of models and practical aspect in choosing models were discussed
 - Beneficiary experts reported on the situation in their countries
- Workshop on ODS and F-gases, 27 – 28 May 2014, Tirana
 - Very technical workshop, with complete overview of the two areas of EU legislation in detail



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COMPLETED ACTIVITIES 1ST AND 2ND REPORTING PERIOD

- Training Needs Assessment on Modeling and emission scenario development – February – May 2014
 - Fact-finding missions to 6 beneficiaries, assessment with predefined questionnaires
 - The assesment formed the basis of the development of a year long training program for beneficiaries on modelling/scenario developmen
- F gases mission June 2014, Tirana
 - To help with F-gases legislation and project fiche on F gases implementation
- ECRAN provided an assistance in preparing a project fiche for an MMR related capacity building project for Montenegro (follow up still pending) – May 2014



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PROGRESS 3RD REPORTING PERIOD

CONTRIBUTIONS TO THE GLOBAL CLIMATE AGREEMENT IN 2015, BRUSSELS, 27-28 OCTOBER

- Two days training addressed the issue of INDCs and how to get mitigation contributions
- International and EU climate policy landscape was overviewed
- EU member state examples were given on domestic target definition and establishment of low emission transition
- Examples of modelling and economic analysis for low emission transition was introduced – including work by stakeholders
- Beneficiaries were discussing low emission development and INDC related challenges



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PROGRESS 3RD REPORTING PERIOD

PRACTICAL TRAINING ON QUANTITATIVE MODELS, SKOPJE, 4-7 NOVEMBER 2014

- 4 day workshop – introductory session of the year long training program on modelling
- Participants have very diverse background – challenging to have common program
 - Extra support provided for beginners on 16 - 17 March and 1 – 3 April
- PAM assessments and basics of modelling/model choice as well as UNFCCC and EU reporting were shortly introduced
- Basic functions of the LEAP modelling platform – 3 days on hands on work for the 27 participants
- Homework for participants – collecting data for a baseline scenario for their own countries



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PROGRESS 3RD REPORTING PERIOD

CONTRIBUTIONS TO THE GLOBAL CLIMATE AGREEMENT IN 2015 - PART 2, TIRANA, 18 MARCH 2015

- Continuation of October workshop
- Update/Stocktaking on INDC Development
- Presentation of EU INDC and discussion on expectations from ECRAN beneficiaries
- Discussion on guidance materials and how to use them
- ECRAN fast track support options



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HOW DOES IT LOOK - SELF-EVALUATION

- Contributed to better understanding INDC requirements and work in the countries
- F gases legislation development and planning in Albania
- Improved technical capacities with administrations to carry out modelling with the LEAP Platform and LEAP structure especially when including country relevant data
- ECRAN team in place to assist in fast track assistance on INDCs
- High level meetings on INDCs preparations (in the next period)



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PLANNED ACTIVITIES IN 2015

	2015											
Working group 1: Climate Policy	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec
Sub-Task 1.1 A. Regional Capacities Assessment	COMPLETED											
Sub-Task 1.1 B. Regional Workshops			Training WS 3						Training WS 4			
Sub-Task 1.1 C. Practical training (pilot exercise)	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise WS2	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise WS 3	Pilot exercise	Pilot exercise WS 4	
Sub-Task 1.2 A. Climate acquis training							Training Fuel Quality			Training Cars and vans	Training CCS	
Sub-Task 1.3 A. High Level Dialogues				Regional HL	HL					HL	HL	
Sub-Task 1.4 A: Practical hands on assistance and short missions			Mission 2	Mission 3		Mission 4			Mission 5			
Sub-Task 1.4 B. IPA Climate project pipeline development						Mission 2			Mission 3		Mission 4	



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Workplan for 2015 (20 April – 31 December)

Tasks	Topic	Date	Place
1.1 B	Training Workshops on modelling and INDCs		
	Workshop Nr 4	10 – 11 Sep	Ankara
1.1 C	Modelling Exercise		
	Module 3 workshop	Sep	Skopje
	Module 4 workshop	Nov	Podgorica
1.2 A	Climate Acquis Training		
	Fuel quality	18 June	Podgorica
	CO2 from cars and vans	5–6 October	Pm
	CCS	November	Pm



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Workplan for 2015 (20 April – 31 December) - Continued

Tasks	Topic	Date	Place
1.3 A	High Level Dialogues		
	Regional INDC Conference	28 Apr	Istanbul
	National HL Dialogue	May	Tbd
	National HL Dialogue	Oct	Tbd
	National HL Dialogue	Nov	Tbd
1.4 A	Missions		
	INDC Albania	June	Tirana
	INDC Montenegro	July	Podgorica
	INDC tbd	Sep	Tbd
1.4B	IPA Climate project pipeline	Tbd	Tbd



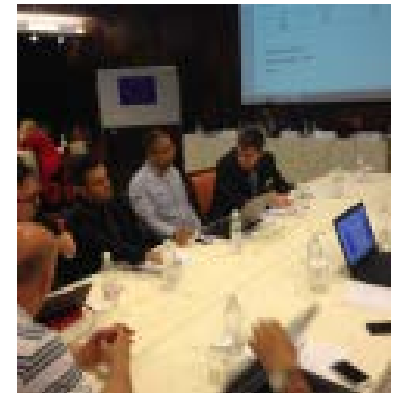
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Here are the results of

Working Group 2:

MMR

2014-2015



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WHAT HAPPENED IN 2014?

- New Monitoring Mechanism Regulation (in 2013)
- New implementing Regulations in 2014
- New LULUCF / AFOLU rules
- New GHG projection guidelines
- Enhanced Reporting (eg Adaptation to be included)
- New CRF Reporting software / delays
- Discussion on voluntary participation Accession countries



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REFRESH: WG2 STANDS FOR...

Activity 2.1: GHG inventory for the CRF Sector 1

- *A: Module 1: training on GHG inventory energy sector*
- *B: Module 2: training on uncertainty assessment*
- *C: Module 3: training on GHG inventories from fuel combustion*

Activity 2.2: GHG inventory for CRF Sectors 2 - 6

- *A: Regional technical training seminars on CRF Sectors 2 – 6.*
- *B: Regional MMR exercise on National system Development (**NEW**)*

Activity 2.3: Other elements of the MMR

- *A: Best practice document for a fully functioning MMR system*
- *B: Regional Training on National Systems*

Link with WG 1 on PaMs



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Objectives

- Improvement of the **data quality** and **technical capacity** for preparing GHG emissions inventory elements
- Improved overall quality of the GHG **inventory preparation process** in the beneficiary countries
- Identification of Institutional, legal and procedural arrangements for development of a **national system** which is linked to the planning, preparation and management of the inventory

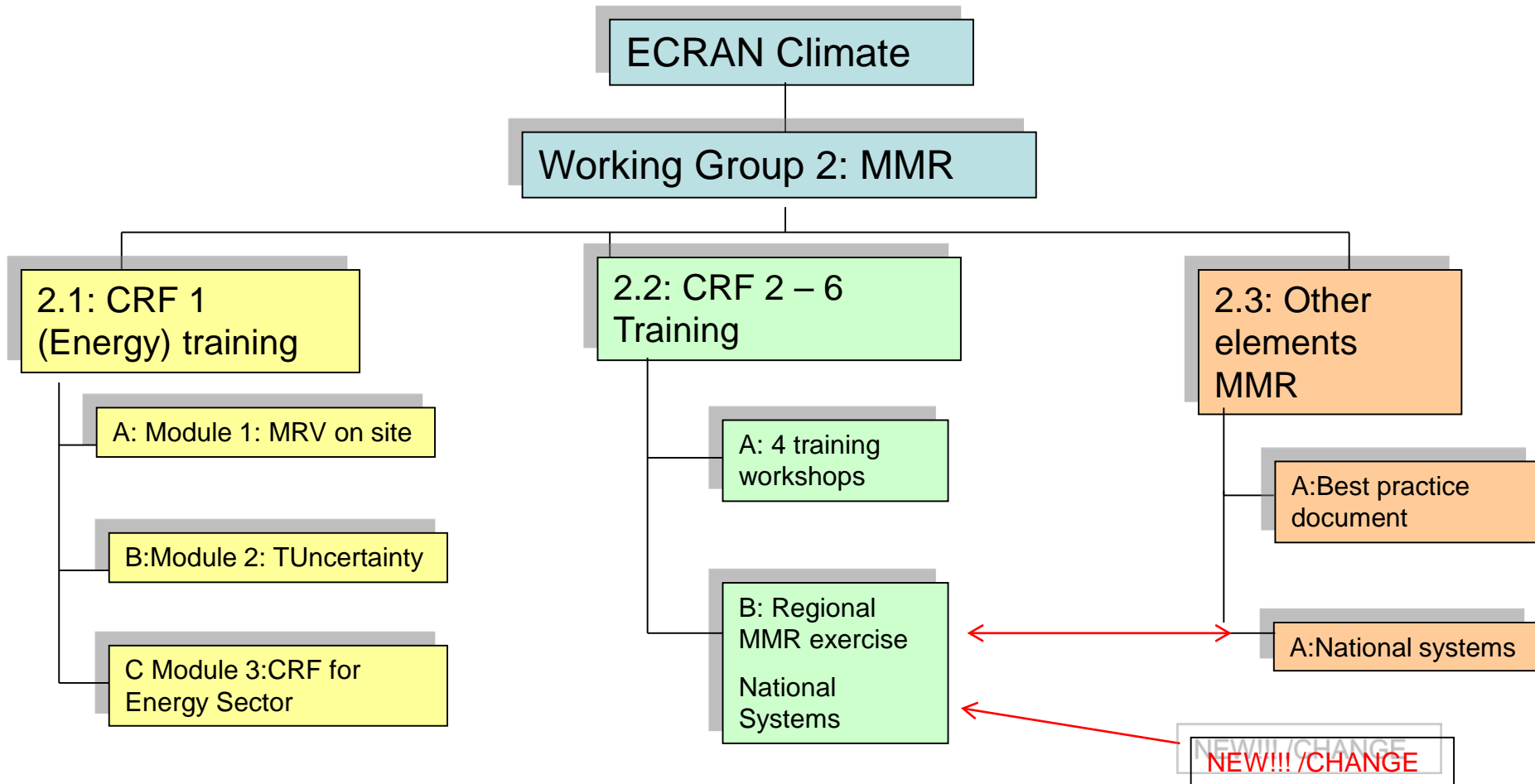


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REFRESH: WG2 STANDS FOR...



Approach



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WG2 ACTIVITIES IN 3RD REPORTING PERIOD

	2014			2015								
Working group 2: MMR	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep
Sub-Task 3.2.1 A. Module 1: MRV	COMPLETED (Sub-Task 2.1C – two remaining trainings under this sub-task to be linked to and transferred to Sub-Task 2.2B)											
Sub-Task 3.2.1 B. Module 2: Uncertainty assessment												
Sub-Task 3.2.1 C. Module 3: CRF Energy sector												
Sub-Task 3.2.2 A. Regional CRF sectors (2 - 6) Training		CRF 2 Training					CRF 5 training					CRF 4 training
Sub-Task 3.2.2 B. Regional MMR exercise							Preps	Preps	Selection teams			Pilot exercise
Sub-Task 3.2.3 A. MMR best practice document												
Sub-Task 3.2.3 B: Regional MMR special topics training / National Systems									WS Nat systems			

COMPLETED ACTIVITIES 1ST AND 2ND REPORTING PERIOD

- On Site Training on MRV and relation to Energy Balance, 3 – 6 March 2014, Zagreb, Plomin, Koromacno
 - General MRR intro / new elements
 - MRV training on site and relation to energy balances
- Workshop on T1 Uncertainty assessments, July 2014, Podgorica
 - Very technical workshop, with complete overview of doing uncertainty assessment in CRF sectors,
 - T1 uncertainty assessment exercise CRF 1



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PROGRESS 3RD REPORTING PERIOD

Regional Training Seminar on the Assessment of GHG Inventories in the Energy and Industrial Processes Sector, 19 - 21 November 2014, Zagreb

- Merge of two GHG inventory tasks 2.1 C (energy) and 2.2 A (industry)
- Two days training succeeded to identify activity data gaps and to provide recommendations and guidance for gap filling (CRF 1 and CRF 2)
- The training improved skills in selecting emission factors and other calculation parameters in the Energy and Industrial processes sectors
- The training helped to gradually improve/ increase technical knowledge to prepare the future submission of the National Inventory Reports according to the requirements of the MMR.
- Two more trainings transferred to 2.2B



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HOW DOES IT LOOK - SELF-EVALUATION 1

- Practical training with expert review on pre-prepared national CRF tables worked out very well
- All trainings so far confirm increase in practical knowledge
 - Understanding national circumstances in gap filling
 - Understanding review process
 - Understanding typical potential problem issues
 - Improvement of technical capacities and skills for GHG inventory preparation in energy sector
 - More advanced use of IPCC guidelines
- Expertise on CRF 1 and CRF 2 very much updated to countries



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HOW DOES IT LOOK - SELF-EVALUATION 2

- Other CRF sectors seem more problematic (esp. LULUCF/AFOLU)
- New CRF software still not ready (many bugs hamper implementation). Problem for MMR Exercise (2.2 B)
- Need to re-focus MMR Exercise (2.2 B) from CRF gap filling towards National Systems development
- More EEA and UNFCCC involvement will be sought
- End goal: Voluntary participation accession countries in MMR annual reporting cycle



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PLANNED ACTIVITIES IN 2015

	2015											
Working group 2: MMR	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec
Sub-Task 2.1 A. Module 1: Regional on-site-training	COMPLETED											
Sub-Task 2.1 B. Module 2: CRF and uncertainty assessment												
Sub-Task 2.1 C. Module 3: training Energy sector												
Sub-Task 2.2 A. Regional CRF sectors (2 - 6) Training				CRF 5 training					CRF 4 training		CRF 6 training	
Sub-Task 2.2 B. Regional MMR exercise					Preps	Preps	Selection teams	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise
Sub-Task 2.3 A. MMR best practice document												
Sub-Task 2.3 B: Regional MMR special topics training							WS Nat systems					



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Workplan for 2015

Tasks	Topic	Date	Place
2.2 A	Regional training in other CRF sectors		
	Agriculture	Sep	Skopje
	Waste	Nov	Tbc
2.2 B	Regional MMR exercise on national systems		
	National teams	Jun 2015	
	Practical work on selected sectors	Sep 2015 - ...	Tbc
2.3	Regional training in various aspects of MMR	Jun 2015	
	Regional training Nat systems	July 2015	Sarajevo



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Here are the results of

Working Group 3:

ETS

2014-2015



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WHAT HAPPENED IN 2014?

- Consultation on post 2020 ETS Directive started
- Backloading
- Proposal for market stability reserve
- Regulation on international credit entitlements



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REFRESH: WG3 STANDS FOR...

Activity 3.1: Training on the EU MMR and A&V Regulations

- *A: ETS training programme design*
- *B: Module 1: Regional Aircraft operators training*
- *C: Module 2: Regional training on MR and the A&V Regulations*
- *D: Module 3: Regional training on the MR Regulation*

Activity 3.2: Training missions to EU Member States

- *A: Training missions at a ETS CA in MS*

Activity 3.3: ETS Implementation and ETS strategy and roadmaps

- *A: Regional Seminars on ETS implementation and ETS strategy*
- *B: Development of national/regional ETS roadmaps*



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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 potential verifiers
- Means
 - Technical training
 - Workshops and seminars
 - Expert missions



Focus on MRVA

- Experiences in EU taught us to focus first ETS capacity building on Monitoring, Reporting , Verification and Accreditation
- MRVA is the backbone of the system ensuring the credibility
- Two implementing Directives central:
 - (EU) 601/2012: Monitoring and Reporting Regulation (MRR)
 - (EU) 600/2012: Verification and Accreditation Regulation (AVR)

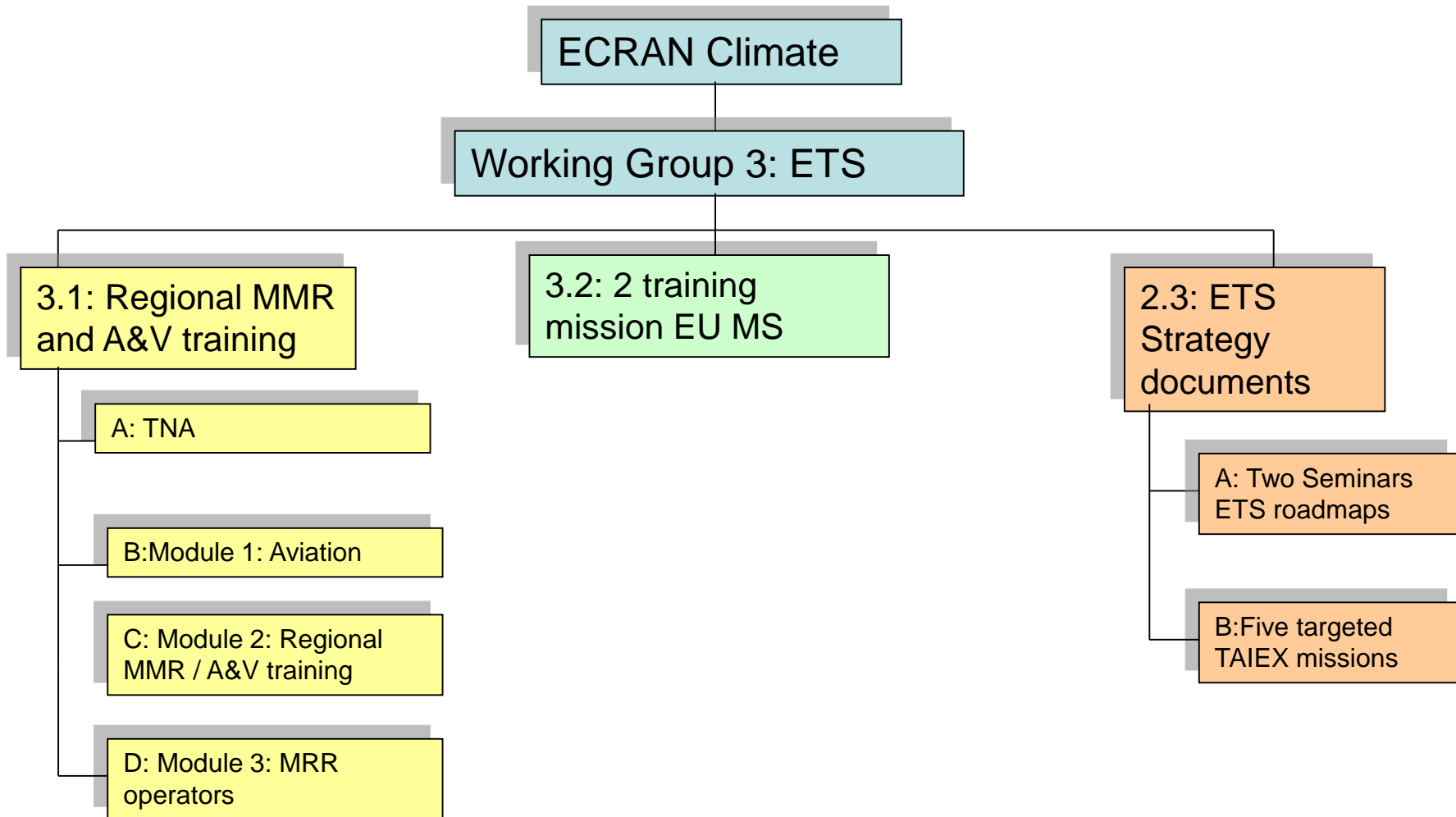


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REFRESH: WG3 STANDS FOR...



So what do 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 most of all: practical examples**




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The Guidance Material

- Commission developed suites of guidance material
- Aimed to support harmonised implementation, achieve common understanding and application of requirements
 - Templates for the monitoring plan, emission report and verification report
 - Examples of monitoring plans and reports for specific types of installations
 - Calculation of the costs of the unreasonable costs
 - Guidance on the information in detail what information should be provided and how that information can be provided
 - Frequently Asked Questions (and answers)
 - Electronic data exchange formats
- All information is available at http://ec.europa.eu/clima/policies/ets/monitoring/documentation_en.htm



Information on why and
what of the Guidance
material



Link to further information
on EC website



The Guidance material

Guidance Document No and title	
1	General Guidance for installations (incl. templates and exemplar cases)
2	General Guidance for aircraft (incl. templates and exemplar cases)
3	Explaining biomass issues
4	Uncertainty assessment
5	Sampling and analysis (incl tool to determine frequency analysis and template for sampling plan)
6	Data flow activities and control system (incl. tool for operator risk assessment and examples)
7	Continuous emission monitoring systems

Overview of all
Guidance with brief
explanation



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Template Monitoring Plan

a Contents
b Guidelines and conditions
A. Monitoring Plan versions
1 List of monitoring plan versions
B. Operational Approaches
2 Abatement
3 Abatement
4 Control
C. Installation
5 Abatement
6 Abatement
D. Calculation Based Approaches
7 Calculation: Details which are further input in the next sheet
E. SourceStreams
8 Details on the applied tiers for activity data and calculation factors
F. Measurement Based Approaches
9 Measurement of CO2 and N2O emissions
10 Details for measurement points
11 Management and procedures for measurement based approaches
G. Fall-back Approaches
12 Description of the Fall-back approach
H. N2O emissions
13 Management and procedures
I. Determination of PFC emissions
14 Determination of PFC emissions
15 Monitoring details for source streams
16 Management and procedures
J. Determination of transfer
17 Determination of inherent transfer
18 Information relevant for pipeline systems used for transport of CO2
19 Information relevant for installations for the geological storage of CO2
K. Management & Control
20 Management
21 Data flow activities
22 Control activities

The chapters of the
Monitoring Plan

Some practicalities

- XLS based
- Clickable
- Structured menu
- Explanations, further details in annexes
- Several MS have translated them in own language



What's in the template?

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. Necessary detailed inputs in the following F_MeasurementBasedApproaches.

(a) Description of the installation and its activities

Please provide here a brief outline description of the installation, and describe the location of the installation. The description should also include a technical summary of the activities performed by the installation. The description should also include a technical summary of the activities performed by the installation. The description should also include a technical summary of the activities performed by the installation.

Detailed instruction what information is needed with reference to examples

Explanation what needs to be filled in here and its purpose

Yellow boxes: obligatory to complete

(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.



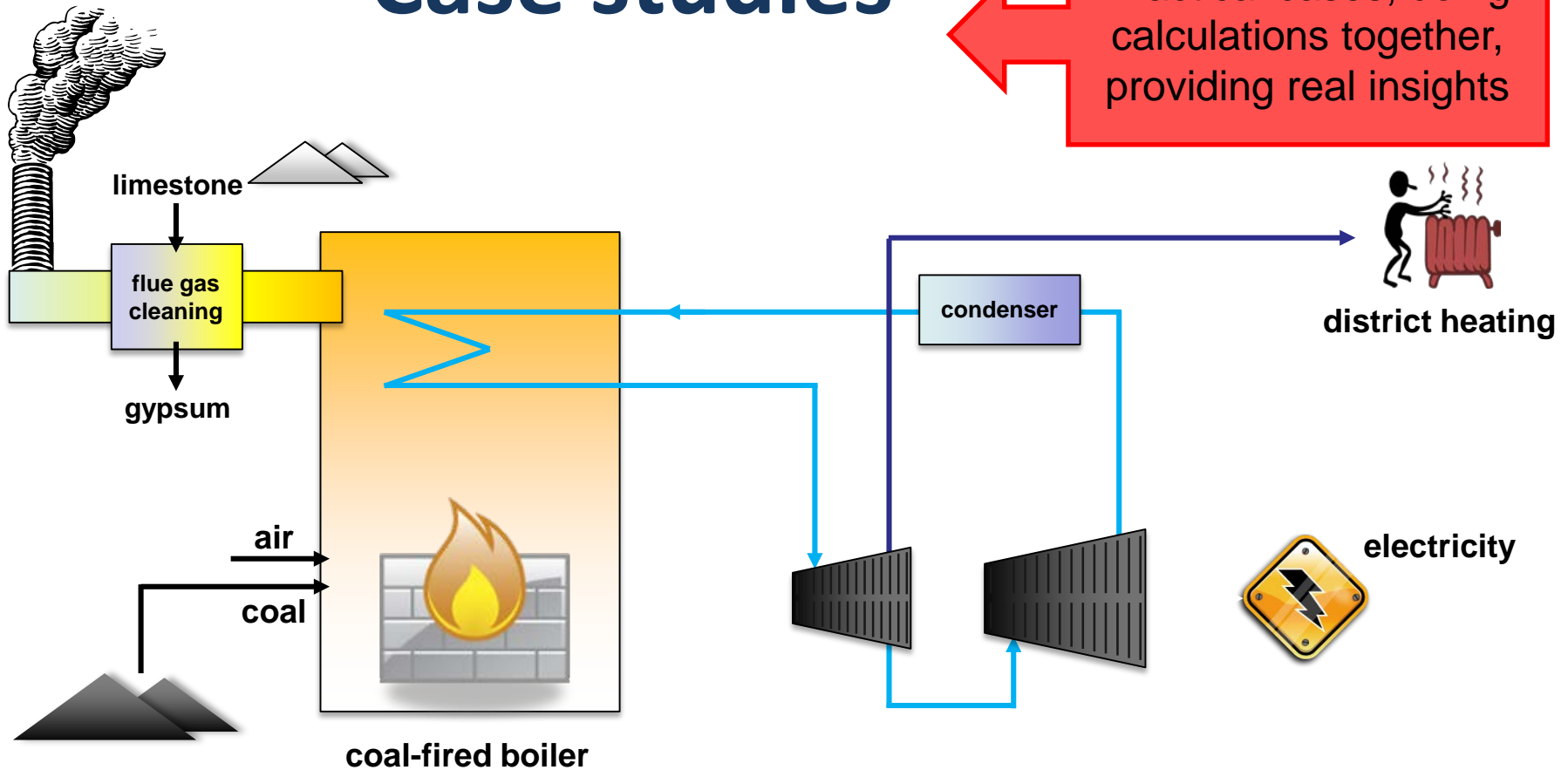
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Case studies

Practical cases, doing
calculations together,
providing real insights



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

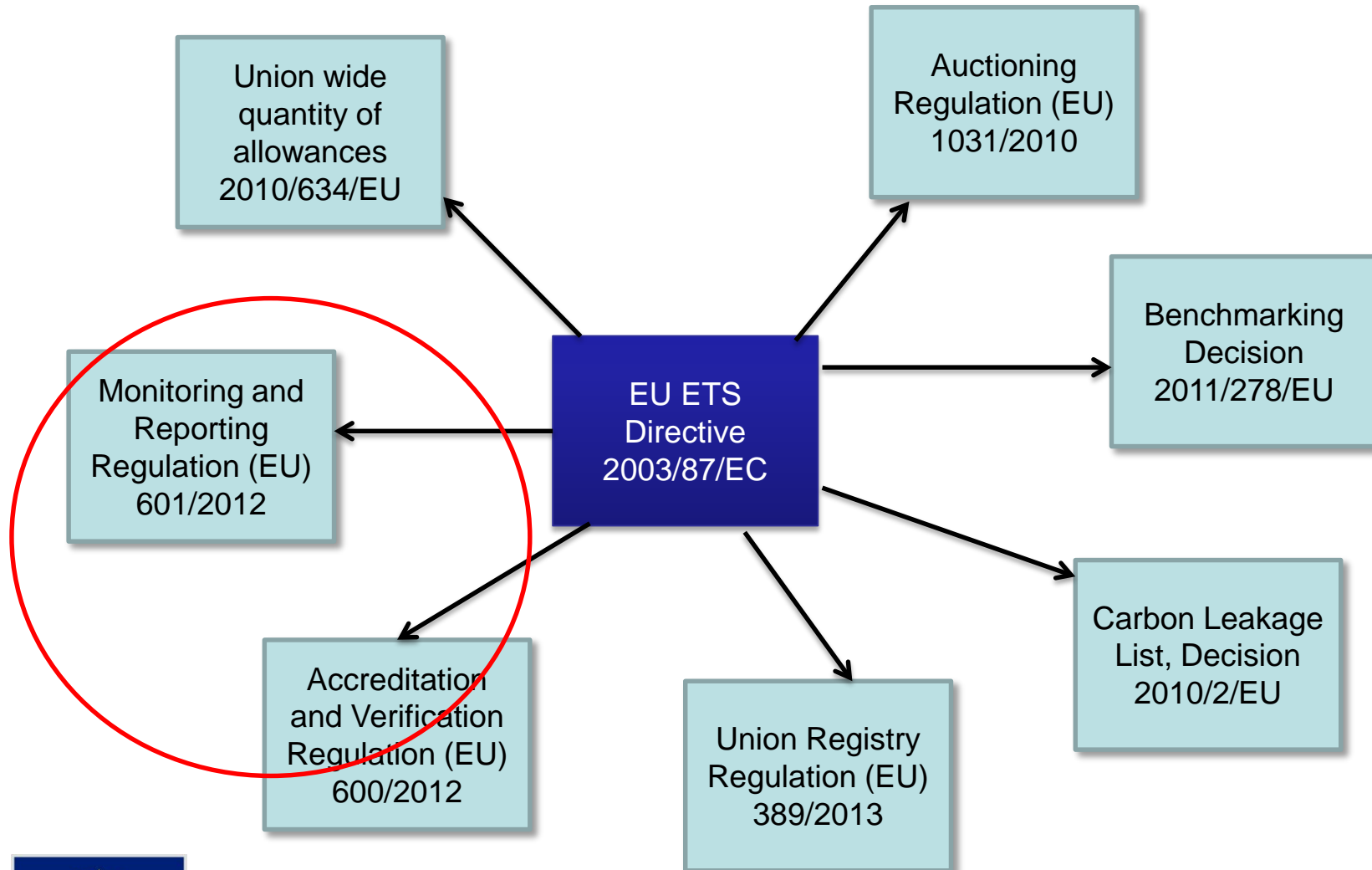


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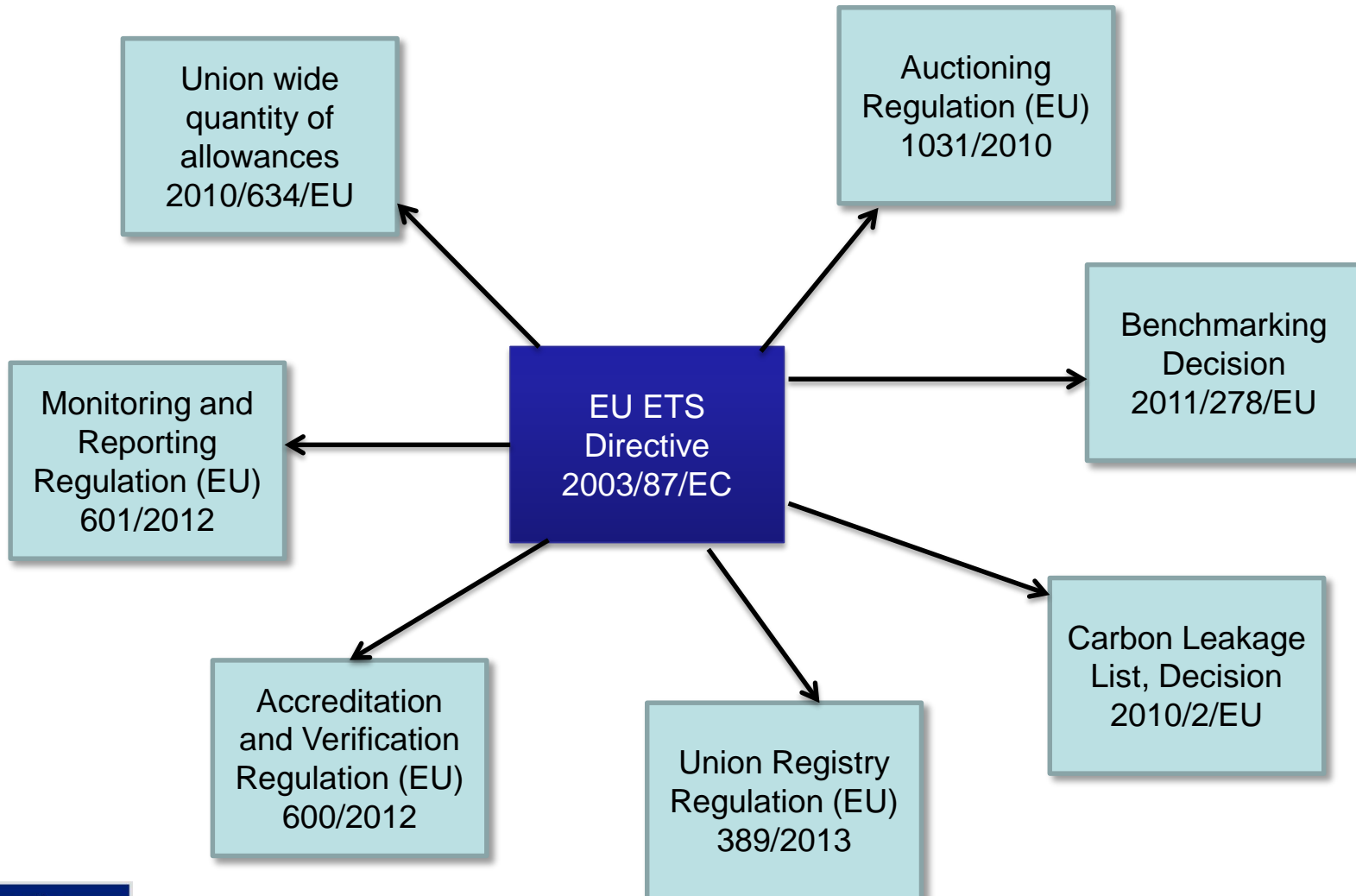


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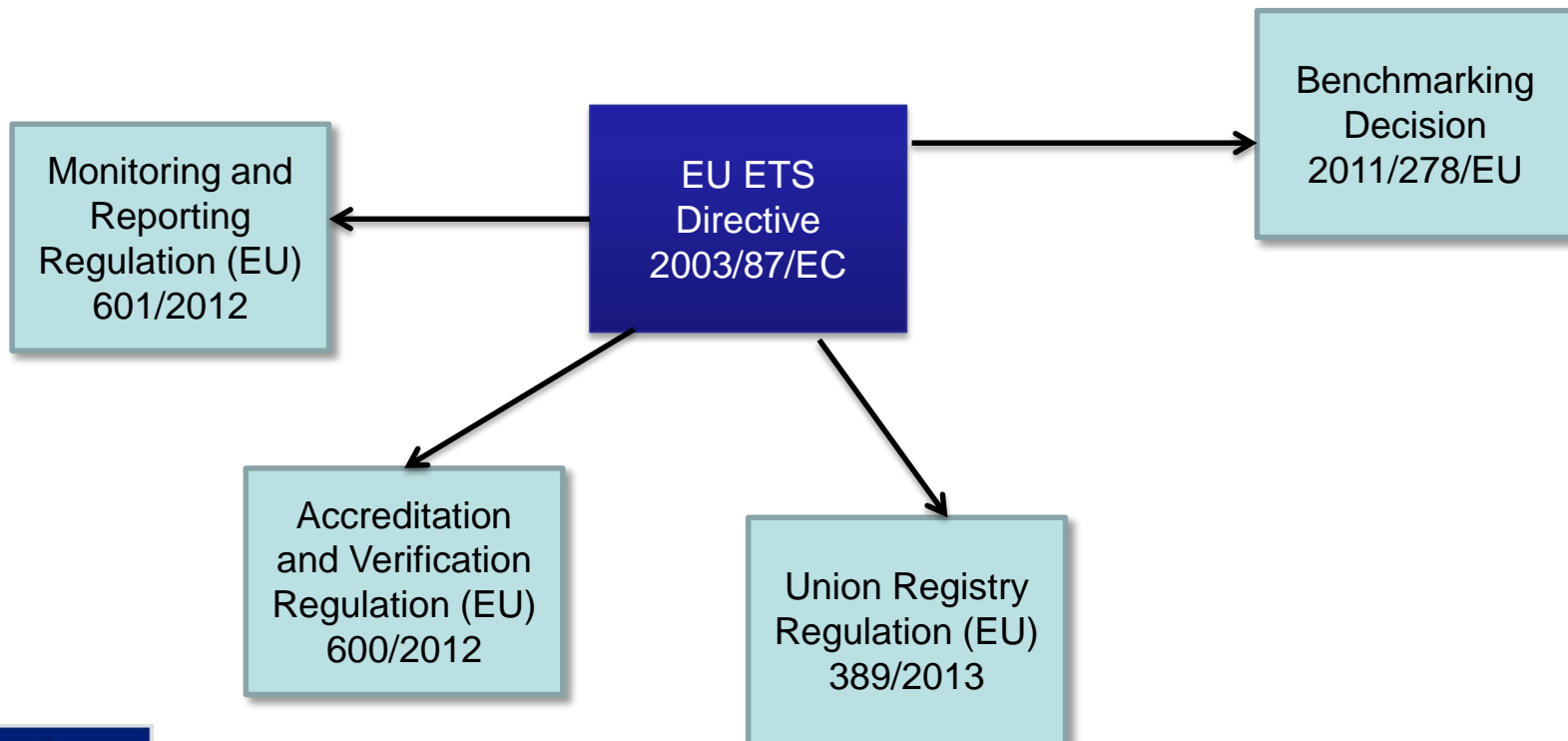
Complementary legislation to the EU ETS Directive (2003/87/EC)



Where to start???

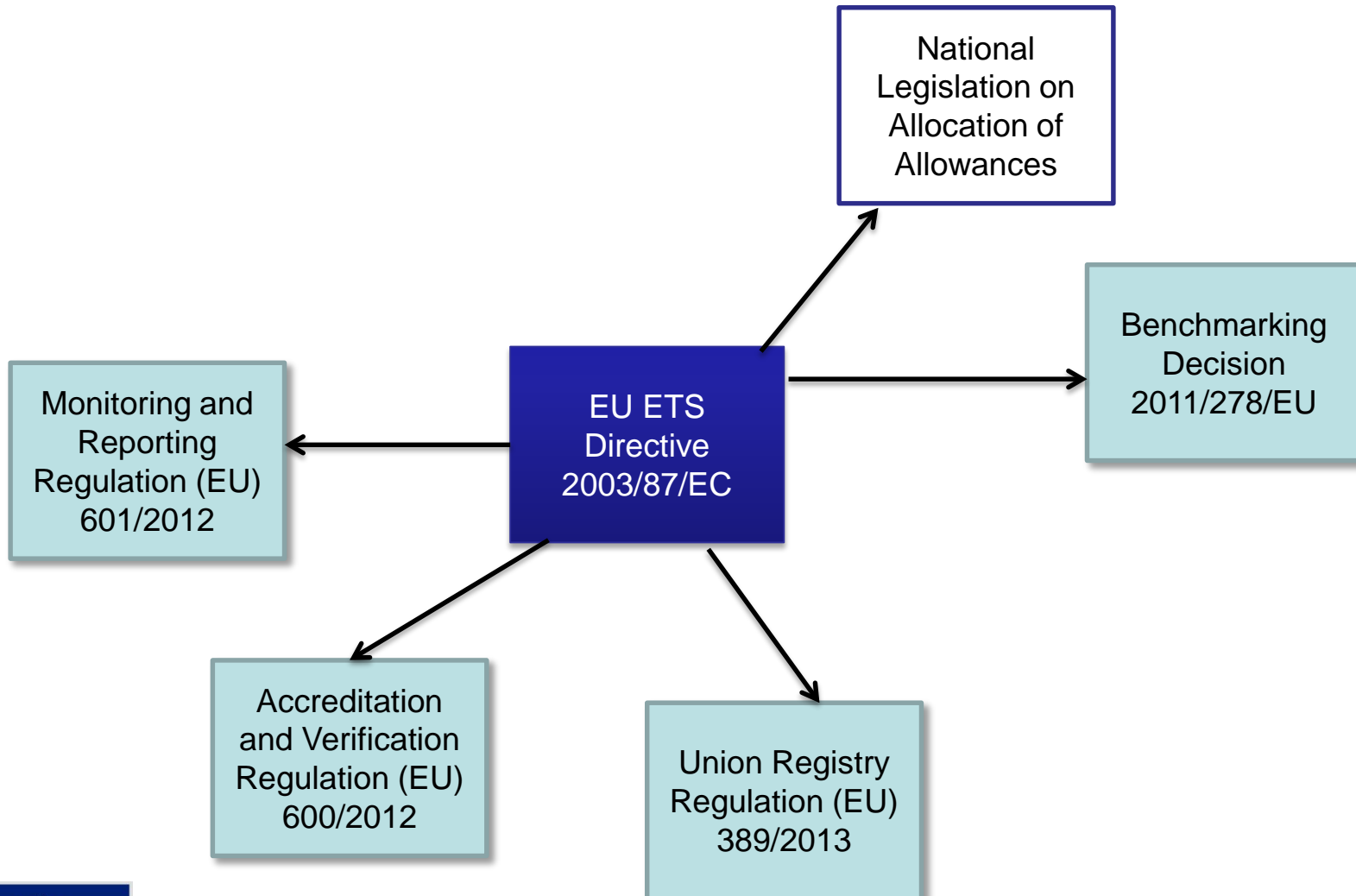


Where to start???



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Where to start???



WG3 ACTIVITIES IN 3RD REPORTING PERIOD

	2014			2015								
Working group 3: ETS	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep
Sub-Task 3.3.1 A. ETS TNA	COMPLETED											
Sub-Task 3.3.1 B. Module 1: ETS and aviation												
Sub-Task 3.3.1 C. Module 2: MR and AV Regulations												
Sub-Task 3.3.1 D. Module 3: Regional Operators Training		Mod 3a						Mod 3b				
Sub-Task 3.3.2 A. Training missions Member States												
Sub-Task 3.3.3 A. ETS implementation Seminar						WS						
Task 3.3.3 B: ETS Roadmaps / missions							Mission 1					????

COMPLETED ACTIVITIES 1ST AND 2ND REPORTING PERIOD

- ETS Training programme - January 2014
- Regional ETS Aircraft Operators training - April 2014, Istanbul
- Regional MR and AV Training - September 2014, Zagreb
- Training Mission to the Hague ETS CA, September 2014



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PROGRESS 3RD REPORTING PERIOD

Emissions Trading System Implementation and Strategy Development, 25 – 26 March 2015, Zagreb

- Participants have obtained detailed knowledge on the approaches and experiences in EU ETS implementation in EU Member States and Beneficiaries.
- Achieved better understanding on institutional, legal, and procedural arrangements identified for the implementation of a national or regional ETS.
- Achieved better understanding of the required resources for the implementation of specific elements of an ETS system in conformity with the EU ETS requirements.
- Participants obtained better understanding of risks and bottlenecks of ETS implementation.



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PLANNED ACTIVITIES IN 2015

	2015											
Working group 3: ETS	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec
Sub-Task 3.1 A. ETS TNA	COMPLETED											
Sub-Task 3.1 B. Module 1: ETS and aviation												
Sub-Task 3.1 C. Module 2: MR and AV Regulations												
Sub-Task 3.1 D. Module 3: Regional Operators Training					Mod 3b							
Sub-Task 3.2 A. Training missions Member States									MS (LT) Training			
Sub-Task 3.3 A. ETS implementation Seminar			WS							WS		
Task 3.3 B: ETS Roadmaps / missions				Mission 1					Mission 2		Mission 3	



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HOW DOES IT LOOK - SELF-EVALUATION

- We were able to attract a good amount of high quality speakers which resulted in a very high level of presentations
- Workshops and seminars were well attended and evaluations showed a high appreciation
- Training at the Dutch competent authority NEA was a great success. 'A peak in the personal future of a CA'; 'great preparation at a very practical level'
- Formulation of expert missions is behind planning
- Roadmaps: preparatory presentations and work sessions were organised in order to alert beneficiaries to the list of activities and decisions coming ahead



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Planning 2015

Timing	Activity
March	regional roadmap workshop in Zagreb, Croatia
April	Verifiers mission with Turkish experts visiting two Croatian installations
May	Operators training in Belgrade, Serbia
October	Training mission in Lithuania with the Ministry of Environment and the Environmental Protection Agency
TBD	2 other expert missions (yet to be submitted)
October	2nd regional roadmap workshop

Here are the results of

Working Group 4:

Adaptation

2014-2015



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WHAT HAPPENED IN 2014?

- EU Adaptation Strategy Package
- Adaptation Reporting in the MMR
- Climate Adapt Platform developments



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REFRESH: WG4 STANDS FOR...

Activity 4.1: Best practices on adaptation

- *A: Regional Seminar on Climate Change Adaptation*
- *B: Regional expert training for relevant sectors*

Activity 4.2: Support for the identification of adaptation options

- *A: Prioritisation of adaptation needs*
- *B: Identify adaptation options*
- *C: Prioritise adaptation options*
- *D: Propose required policy changes, structures and processes for adaptation*



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TERRITORIAL CLIMATE IMPACTS

Environment and Climate
Regional Accession Network

ECRAN

Arctic

Temperature rise much larger than global average
Decrease in Arctic sea ice coverage
Decrease in Greenland ice sheet
Decrease in permafrost areas
Increasing risk of biodiversity loss
Intensified shipping and exploitation of oil and gas resources

Northern Europe

Temperature rise much larger than global average
Decrease in snow, lake and river ice cover
Increase in river flows
Northward movement of species
Increase in crop yields
Decrease in energy demand for heating
Increase in hydropower potential
Increasing damage risk from winter storms
Increase in summer tourism

North-western Europe

Increase in winter precipitation
Increase in river flow
Northward movement of species
Decrease in energy demand for heating
Increasing risk of river and coastal flooding

Mountain areas

Temperature rise larger than European average
Decrease in glacier extent and volume
Decrease in mountain permafrost areas
Upward shift of plant and animal species
High risk of species extinction in Alpine regions
Increasing risk of soil erosion
Decrease in ski tourism

Coastal zones and regional seas

Sea-level rise
Increase in sea surface temperatures
Increase in ocean acidity
Northward expansion of fish and plankton species
Changes in phytoplankton communities
Increasing risk for fish stocks

Central and eastern Europe

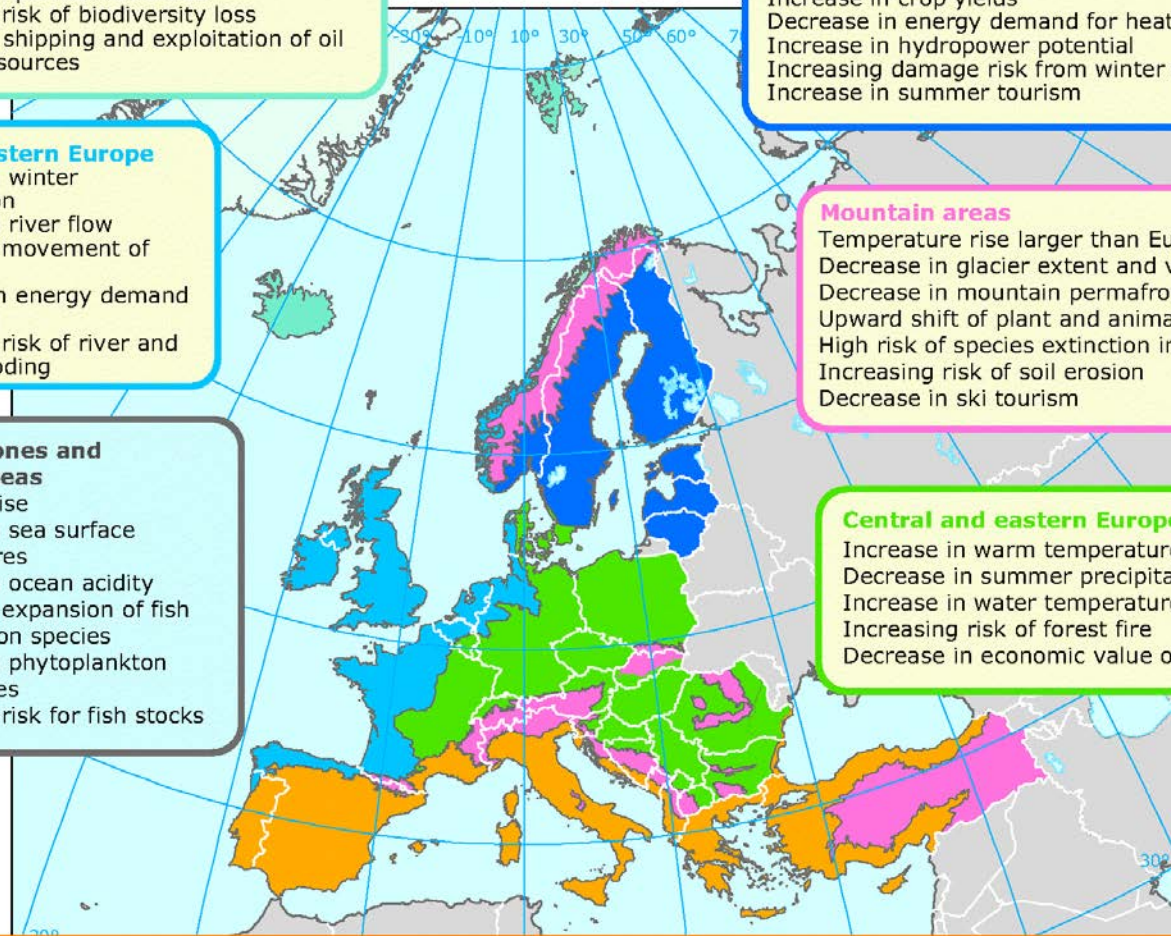
Increase in warm temperature extremes
Decrease in summer precipitation
Increase in water temperature
Increasing risk of forest fire
Decrease in economic value of forests

Mediterranean region

Temperature rise larger than European average
Decrease in annual precipitation
Decrease in annual river flow
Increasing risk of biodiversity loss
Increasing risk of desertification

Increasing water demand for agriculture
Decrease in crop yields
Increasing risk of forest fire
Increase in mortality from heat waves

Expansion of habitats for southern disease vectors
Decrease in hydropower potential
Decrease in summer tourism and potential increase in other seasons



2015 – for the first time early spring flowering of hazel, crocus and blackthorn already on 11 January (Normally as from mid February)



Crocus, 11 January
Utrecht



Hazel (*Coryllus
avellana*), 11 January
Utrecht



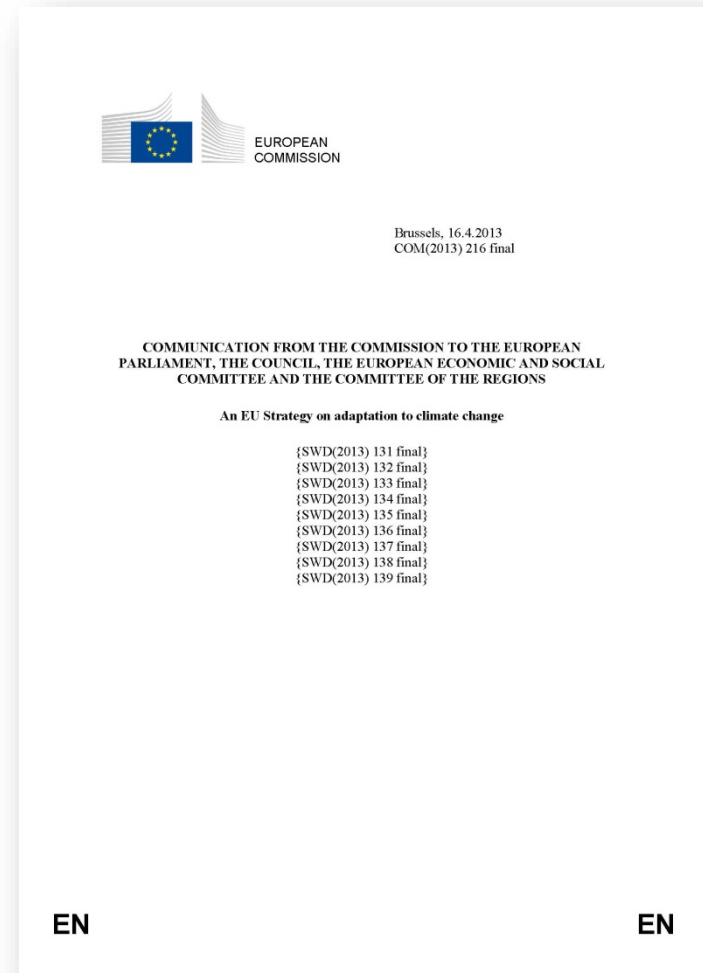
← Blackthorn (*Prunus
Spinosa*), 11 January
Utrecht



But mitigation action is not sufficient - Adaptation action is required

EU Adaptation Strategy

[http://ec.europa.eu/clima/policies/
adaptation/what/documentation_en.htm](http://ec.europa.eu/clima/policies/adaptation/what/documentation_en.htm)



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Miscellaneous

- **Report to European Parliament and Council in 2017 (future acquis?)**
- **The EU Civil Protection Mechanism legislation (revised in April 2014) promotes exchange of good practices, incl. on preparing national civil protection systems to cope with the impacts of climate change (DRM)**
- **Adaptation Mainstreaming**



Adaptation Strategy and ECRAN

Priority 1: Promoting Action

Action 1: *Encourage to adopt adaptation strategies*

Action 2: Provide LIFE funding to adaptation action in Europe

Action 3: Introduce adaptation in the Covenant of Mayors framework

Priority 2: Informed Decision making

Action 4: *Bridging knowledge gap / vulnerability assessments*

Action 5: *Climate – adapt tool*

Priority 3: Climate-proofing action

Action 6: Climate-proofing of the key CAP, Cohesion policy and CFP

Action 6: More resilient infrastructure

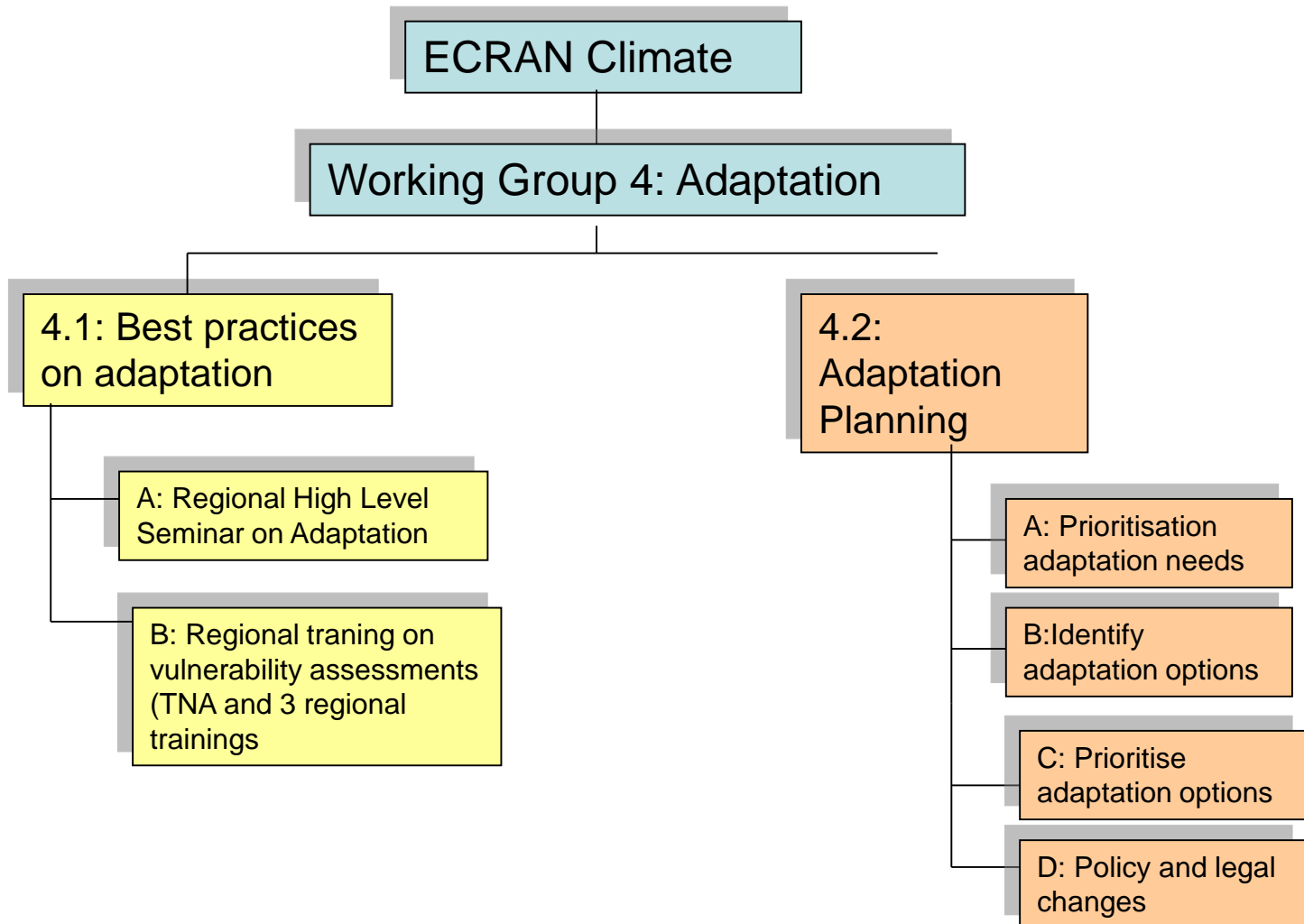
Action 7: Promote insurance and other financial products for investment

ECRAN Working Group 4



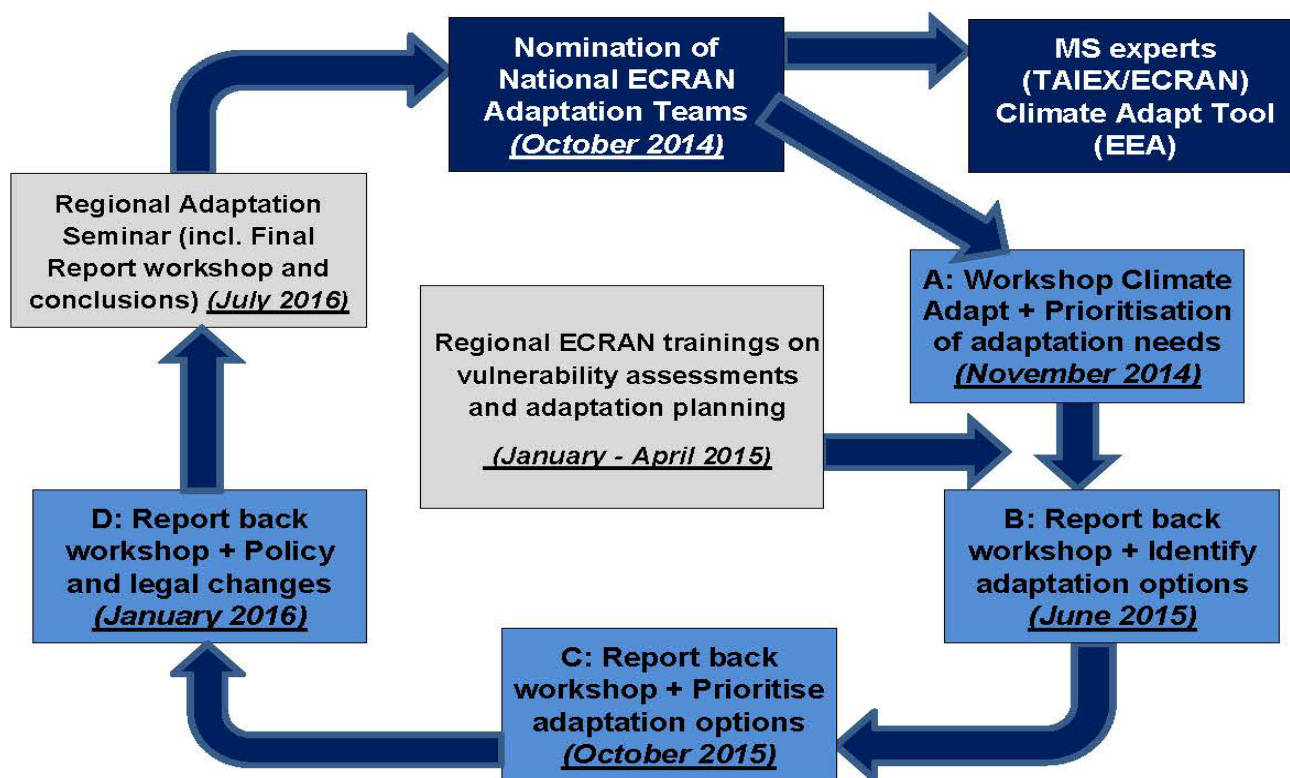
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REFRESH: WG4 STANDS FOR...



Working Group 4: ECRAN Adaptation work 2014 - 2016

Working Group 4: ECRAN Adaptation work
2014 – 2016



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WG4 ACTIVITIES IN 3RD REPORTING PERIOD

	2014			2015								
Working group 4: Adaptation	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep
Sub-Task 3.4.1 A. High Level ECRAN Climate Adapt Seminar	COMPLETED											
Sub-Task 3.4.1 B. Regional training risks / vulnerability assessments				WS 1	WS 2		WS3					
Sub-Task 3.4.2 A. Prioritise adaptation needs		WS A	HW	HW	HW	HW	HW	HW				
Sub-Task 3.4.2 B Identify adaptation options									WSB	HW	HW	HW
Sub-Task 3.4.2 C. Prioritise adaptation options												
Sub-Task 3.4.2 D. Required policy (changes)												



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COMPLETED ACTIVITIES 1ST AND 2ND REPORTING PERIOD

- Regional Seminar on Climate Change Adaptation – July 2014
- Training Programme Development
- Formation National Climate Adapt Teams



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PROGRESS 3RD REPORTING PERIOD

Step A workshop Tirana 24- 25 November

- An informal network of National Climate Adaptation Teams from Western Balkan countries and Turkey has been successfully initiated and established
- Better understanding about the ECRAN Climate Adapt Initiative's approach and mechanisms (including the Climate Adapt Tool)
- Increased (steps towards) climate adaptation action planning in the ECRAN beneficiary countries and the region
- **HOMEWORK TOWARDS STEP B**
 - **Task 1.** Position paper on modelling activities (climate models, impact models) performed in the ECRAN beneficiary country. Deadline: **1 February 2015 (already submitted)**
 - **Task 2:** Make a qualitative vulnerability assessment of 2 sectors in the ECRAN beneficiary country. Method: Adaptation Support Tool of Climate-Adapt. Deadline: **2 April 2015**
 - **Task 3:** Identify the adaptation needs and prepare a position paper of the two sectors of the vulnerability assessment. Method: Use the Adaptation Support Tool. Deadline: **1 May 2015**



PROGRESS 3RD REPORTING PERIOD

Expert Training on Risk and Vulnerability Assessment and Adaptation Planning

- Water Sector Training (19-20 January Ankara)
- Urban Planning Sector (23 – 24 February)
- Energy Sector (15 – 16 April)

Workshops achieved improved understanding of (the applicability of tools for) risk and vulnerability assessment in the water sector, urban planning sector and Energy Sector including the applicability of the Climate Adapt Tool



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PLANNED ACTIVITIES IN 2015

	2015											
Working group 4: Adaptation	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec
Sub-Task 4.1 A. High Level ECRAN Climate Adapt Seminar	COMPLETED											
Sub-Task 4.1 B. Regional training risks / vulnerability assessments	WS 1	WS 2		WS3								
Sub-Task 4.2 A. Prioritise adaptation needs	HW	HW	HW	HW	HW							
Sub-Task 4.2 B Identify adaptation options						WS	HW	HW	HW			
Sub-Task 4.2 C. Prioritise adaptation options										WS	HW	HW
Sub-Task 4.2 D. Required policy (changes)												



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HOW DOES IT LOOK - SELF-EVALUATION

- We were able to attract a good amount of high quality speakers which resulted in a very high level of presentations
- Workshops and seminars were well and properly attended and evaluations showed a high appreciation
- “Homework” is being done. Countries are delivering inputs to the next trainings which are of good quality
- Possibility to participate in Climate Adapt platform and even in future MMR Reporting is now on the table



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**Thank you for your attention and
patience!**