

ECRAN Fourth Steering Committee meeting

Brussel, 27 November 2015

Imre Csikós

Progress and planned activities
2015-2016



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Here are the results of



**Working Group 1:
Climate Policy**

2015-2016



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WHAT HAPPENED IN 2015?

- Accelerated work on INDCs in the region
 - INDC high level regional and bilateral dialogues under ECRAN
 - ECRAN assistance for the INDCs for Albania and Montenegro
- Proposal for revised emissions trading system in line with the 2030 climate and energy policy framework
- 166 countries delivered an INDC, over 93% of global emission. Not enough to deliver $< +2^{\circ}\text{C}$ (currently $+3^{\circ}\text{C}$ according to several analysis, incl UNFCCC synthesis)
- New MRV rules
- New F-gas regulation
- Global GHG concentrations are still increasing..., but at slower pace than before



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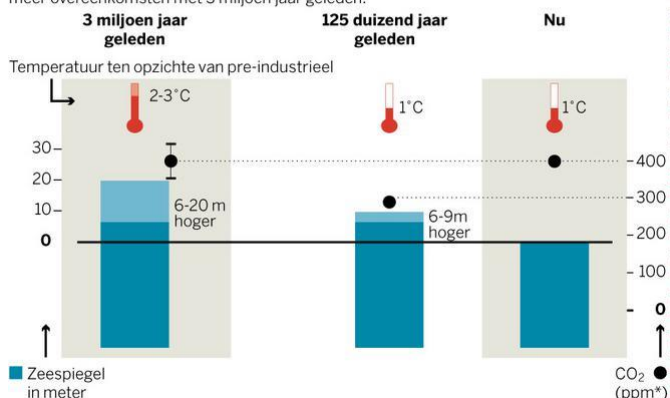


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WHAT HAPPENED IN 2015?

Gevolgen opwarming erger

Het klimaat 3 miljoen jaar geleden, 125 duizend jaar geleden en nu. Tegenwoordig ziet men meer overeenkomsten met 3 miljoen jaar geleden.



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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

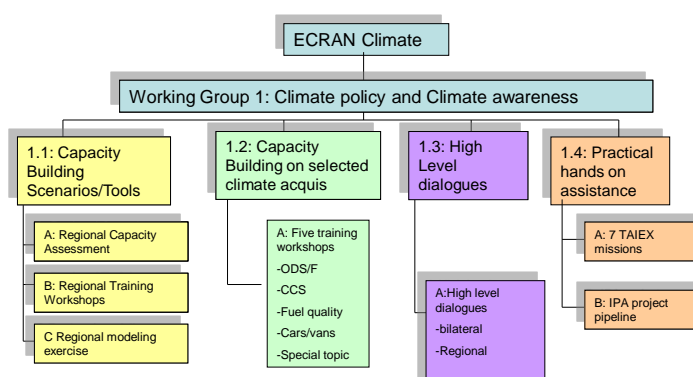


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REFRESH 2: WHAT YOU ALREADY SAW COUPLE OF TIMES...



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WG1 ACTIVITIES IN 4th REPORTING PERIOD

10	2015												2016		
Working group 1: Climate Policy	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Sub-Task 3.1.1 A. Regional Capacities Assessment	COMPLETED														
Sub-Task 3.1.1 B. Regional Workshops									COP side event						
Sub-Task 3.1.1 C. Practical training (pilot exercise)	Pilot exercise	WS 2, Istanbul 26-28 May	Pilot exercise	Pilot exercise	Pilot exercise	WS 3, Zagreb 21-24 Sep	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise	Pilot exercise	WS 4		
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	National High Level Serbia							Regional HL Brussels						
Sub-Task 3.1.4 A: Practical hands on assistance and short missions	LEAP Serbia, 1 – 3 Apr			INDC Alb, MNE	INDC Alb, MNE										
Sub-Task 3.1.4 B. IPA Climate project pipeline development									Mission ?				Mission ?		

COMPLETED ACTIVITIES IN PREVIOUS REPORTING PERIODs

- Training Regional capacity for developing low emission strategies and modelling, 23 January 2014 , Zagreb
- Workshop on ODS and F-gases, 27 – 28 May 2014, Tirana
- Training Needs Assessment on Modeling and emission scenario development – February – May 2014
- F gases mission June 2014, Tirana
- 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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COMPLETED ACTIVITIES PREVIOUS REPORTING PERIODs

- Contributions to the global climate agreement in 2015, Brussels- Part 1, 27-28 october 2014
- Practical training on quantitative models, Skopje, 4-7 november 2014
- Contributions to the global climate agreement in 2015 - part 2, Tirana, 18 march 2015



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4th REPORTING PERIOD: Support Mission Modelling Serbia, 1 – 3 April 2015

- LEAP modelling
- creation of similar knowledge basis for the participants to the modelling workshop series with different background.
- It has also allowed for few new participants – who were given a chance to catch up with the curriculum of the program.



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4th REPORTING PERIOD: Regional Dialogue of EU / ECRAN beneficiaries on INDCs, 28 April 2015, Istanbul

- Exchange of views on the preparation and submission of INDC between the EU and the EU Candidate Countries and Potential Candidates' senior public officials
- Mapping progress and defining assistance needs for countries
- Climate and energy strategies and NDC implementation
- Decarbonisation pathway development in INDCs



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4th REPORTING PERIOD: Developing baseline scenarios and with and with additional measures scenarios – 26 – 28 May 2015 Istanbul

- Module 2 LEAP training - continuation of November 2014 workshop
- Focus on MMR requirements and PAM Reporting
- Scenarios
- Policy instruments and measures for renewables promotion
- Case studies (buildings and transport)
- Demand Sector, transformation sector and transport sector modeling training (LEAP)



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4th REPORTING PERIOD: EU - Serbia High Level Conference, 11 June 2015

- At Conference Serbia announced its INDC (As first ECRAN beneficiary)
- Dialogue VP Sefcovic, Prime Minister Vucic and Minister Boskovic for Environment, Ambassador France Christine Moro
- International process towards climate deal
- EU accession benefits



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4th REPORTING PERIOD: Support Missions INDC Development Albania and Montenegro June – August 2015

Three phases / missions

- May – June 2015: Data assessment and analysis
- July 2015: Stocktaking and start of compilation of the INDC document
- August 2015: Public hearing

The INDC proposal prepared by the ECRAN team was approved by the Albanian Government on 16 September 2015 and by the Montenegrin Government on 17 September 2015 and subsequently submitted to the UNFCCC Secretariat before the deadline of 1 October, 2015.



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4th REPORTING PERIOD: Developing CBA under LEAP Platform: 21 – 24 September 2015, Zagreb

- Module 3 LEAP training - continuation of May 2015 workshop
- Creating policy scenarios and entering costing data
- CBA
- Optimisation under LEAP
- Creating load shapes
- Incorporating externalities
- Specifying a CO2 cap
- Homework for Module 4



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HOW DOES IT LOOK - SELF-EVALUATION

- Contributed to better understanding INDC requirements and work in the countries
- Improved technical capacities with administrations to carry out modelling with the LEAP Platform and LEAP structure especially when including country relevant data
- ECRAN team assisted in fast track assistance on INDCs
- meetings on NDCs implementation (in the next period)



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Workplan for remaining period under this cycle

Tasks	Topic	Date	Place
1.1 B	Training Workshops on modelling and INDCs		
	COP ECRAN Side event	5 Dec 2015	Paris
	Workshop Nr 4	28 Apr 2016	tbd
1.1 C	Modelling Exercise		
	Module 4 workshop	22 – 24 Mar 2016	Skopje
1.2 A	Climate Acquis Training		
	Fuel quality and transport	Mar 2016	Podgorica
	CCS	19 Apr 2016	Tbd
	Special Topics	25 – 26 May 2016	Tbd



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Workplan for remaining period - Continued

Tasks	Topic	Date	Place
1.3 A	High Level Dialogues		
	Tbd		
1.4A	Missions/Project development		
	Tbd (demand driven)		



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Here are the results of

Working Group 2:

MMR

2015-2016



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WHAT HAPPENED IN 2014 and 2015?

- 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



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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

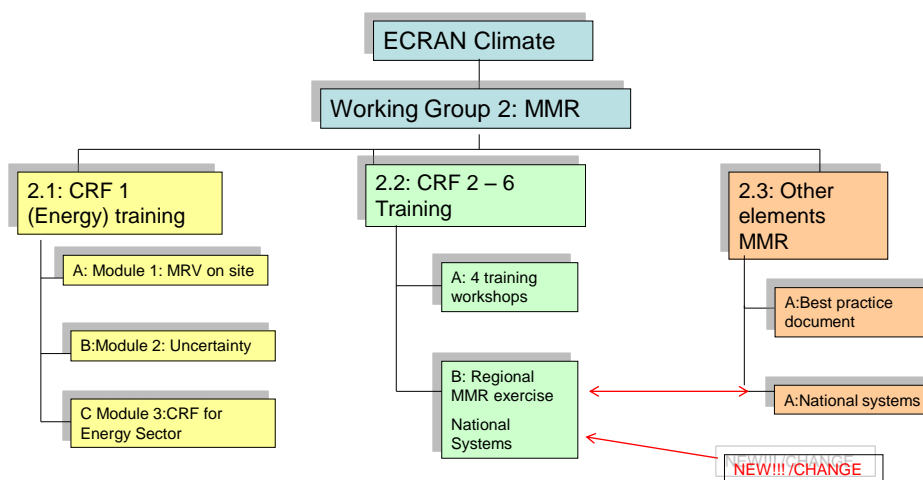
- Improvement of the **data quality** and **technical capacity** for preparing GHG emissions inventory elements
- Improved overall quality of the GHG **inventory preparation process** in the beneficiary countries
- Identification of Institutional, legal and procedural arrangements for development of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



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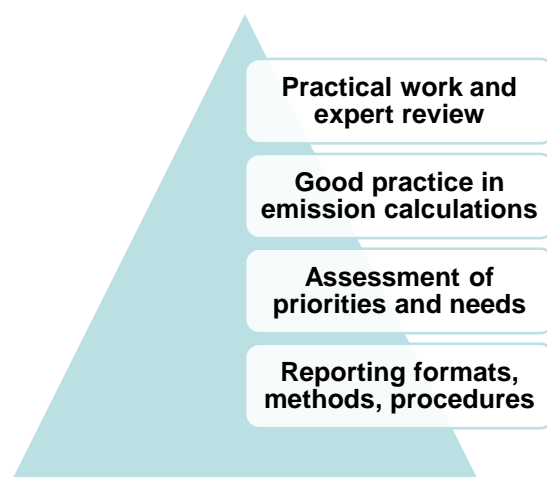
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REFRESH: WG2 STANDS FOR...

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Approach

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WG2 ACTIVITIES IN 3RD REPORTING PERIOD

	2015							2016				
Working group 2: MMR	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
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	AFOLU Training 15 – 16 Apr							Sector Waste Training				
Sub-Task 3.2.2 B. Regional MMR exercise							WS 1	Home work	Home work	Home work	WS 2	Home work
Sub-Task 3.2.3 A. MMR best practice document												
Sub-Task 3.2.3 B: Regional MMR special topics training / National Systems							WS 1				WS 2	

COMPLETED ACTIVITIES PREVIOUS REPORTING PERIODS

- On Site Training on MRV and relation to Energy Balance, 3 – 6 March 2014, Zagreb, Plomin, Koromacno
- Workshop on T1 Uncertainty assessments, July 2014, Podgorica
- Regional Training Seminar on the Assessment of GHG Inventories in the Energy and Industrial Processes Sector, 19 - 21 November 2014, Zagreb



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4th REPORTING PERIOD – AFOLU Sector Training, 15 – 16 April 2015

- Focus on Forestry and Other Land Use (Not Agriculture, will be done later)
- Identification of activity data gaps and provision of recommendations and guidance for gap filing.
- Improvement of skills in selecting emission factors and other calculation parameters in the LULUCF/(A)FOLU sector
- Review of country estimates in the workshop and recommendations for improvements



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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



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Workplan for remaining period

Tasks	Topic	Date	Place
2.2 A	Regional training in other CRF sectors		
	Waste	24-25 Nov	Sarajevo
	Agriculture	20-21 Apr 2016	Skopje
2.2 B/2.3	Regional MMR exercise on national systems		
	Workshop 1	15-16 Oct 2015	Zagreb
	Workshop 2	9-10 Feb 2016	Tirana
	Workshop 3	21 – 23 June	Istanbul
	Practical work on nat systems	Oct 2015 - ...	
	Best Practice Guide	June 2016	



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Here are the results of

Working Group 3:

ETS

2015-2016



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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



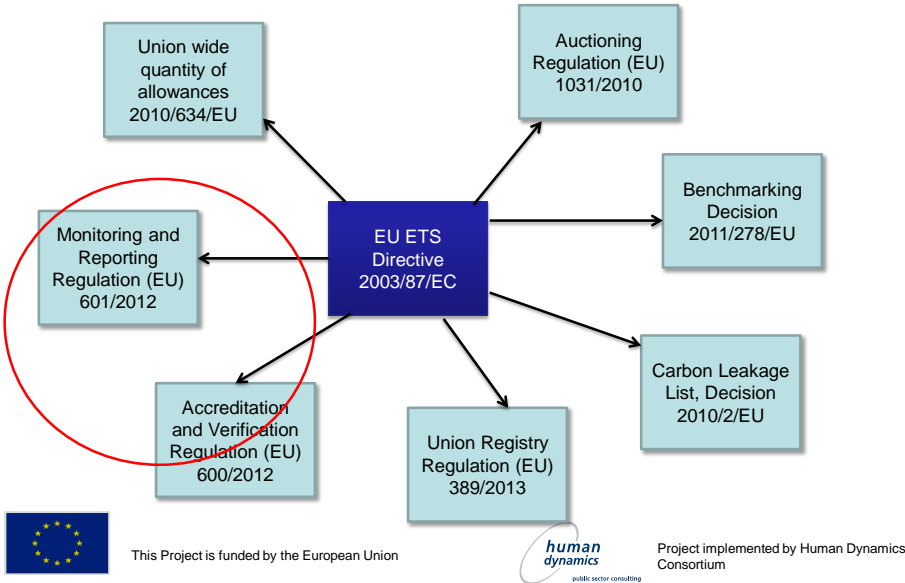
Focus on MRVA

- 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)

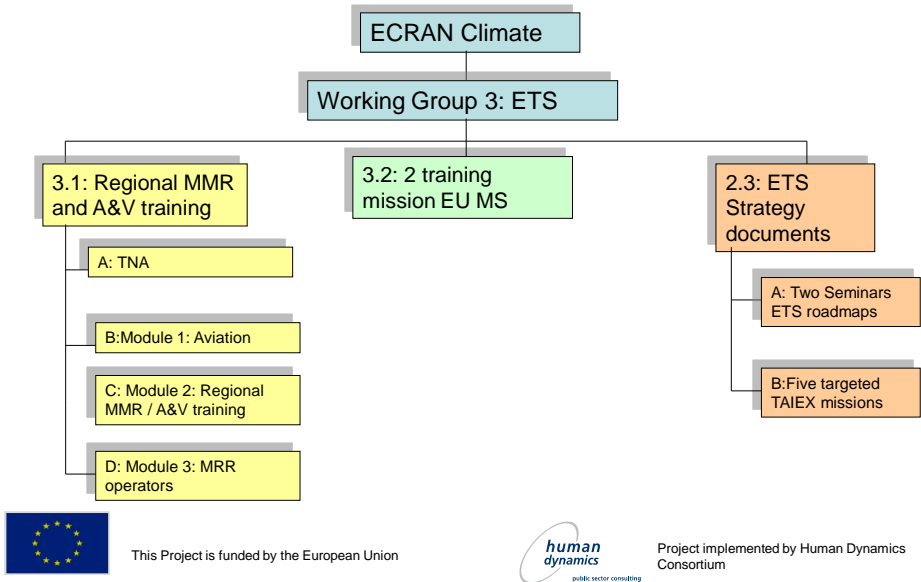


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**Complementary legislation to the EU ETS
Directive (2003/87/EC)**



REFRESH: WG3 STANDS FOR...



WG3 ACTIVITIES IN 3RD REPORTING PERIOD

	2015							2016				
Working group 3: ETS	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Sub-Task 3.3.1 A. ETS TNA												
Sub-Task 3.3.1 B. Module 1: ETS and aviation	COMPLETED											
Sub-Task 3.3.1 C. Module 2: MR and AV Regulations												
Sub-Task 3.3.1 D. Module 3: Regional Operators Training		Mod 3b, 19-20 May Serbia										Mod 3c 15 – 17 Mar BIH
Sub-Task 3.3.2 A. Training missions Member States							13-15 Oct Vilnius					
Sub-Task 3.3.3 A. ETS implementation Seminar												
Task 3.3.3 B: ETS Roadmaps / missions	Mission Croatia 20-23 April							Mission 3 – 4 Nov Serbia				????

COMPLETED ACTIVITIES PREVIOUS REPORTING PERIODS

- 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
- Emissions trading system implementation and strategy development, 25 – 26 March 2015, Zagreb



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4th REPORTING PERIOD –

Environment and Climate
Regional Accession Network **ECRAN**

Advanced MRV Training for operators in Serbia, 19 – 20 May 2015

- Monitoring and Reporting (MR) regulation of the European Commission for stationary ETS-like installations.
- Better understanding on the implementing regulation for monitoring and reporting in Serbia.
- Better understanding of the requirements of the Monitoring Plan and hands-on insights in how to complete the Monitoring Plan.
- Better understanding of the requirements of the Annual Emission reports and hands-on insights in how to complete such a report.



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Environment and Climate
Regional Accession Network **ECRAN**

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 competent authorities in MStates prove to be very useful. 'A peak in the personal future of a CA'; 'great preparation at a very practical level'
- Formulation of expert missions is behind planning



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Workplan for remaining period

Tasks	Topic	Date	Place
3.1 D	Module 3 Operators Training		
	MRAV Training Operators ETS like installations	15-17 Mar 2016	BiH
	MRAV Training Operators ETS like installations	17-19 May 2016	Skopje
3.2	Training Missions Member States		
	Lithuania CA mission	13-15 Oct 2015	Lithuania
3.3	ETS Strategy and roadmap development		
	Workshop 2	5-6 July 2016	Istanbul
	ETS training mission Serbia	3 – 5 Nov 2015	Pancevo
	ETS training mission on demand	tbd	tbd



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Here are the results of

Working Group 4:

Adaptation

2015 - 2016



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WHAT HAPPENED IN 2015?

- Adaptation Score Board development
- Climate Adapt Support Tool updates/upgrades



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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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2015 – According to WMO will be the hottest ever



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**Mitigation action is not sufficient -
Adaptation action is required**

EU Adaptation Strategy

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

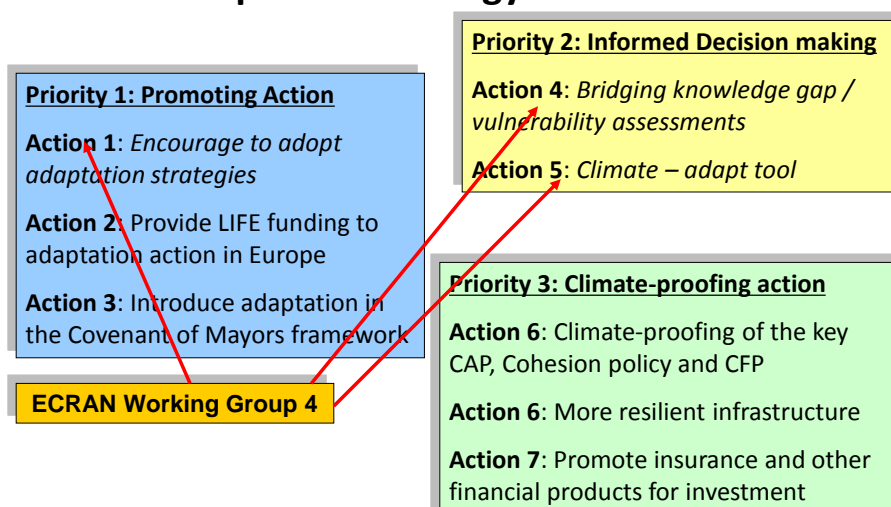


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Adaptation Strategy and ECRAN

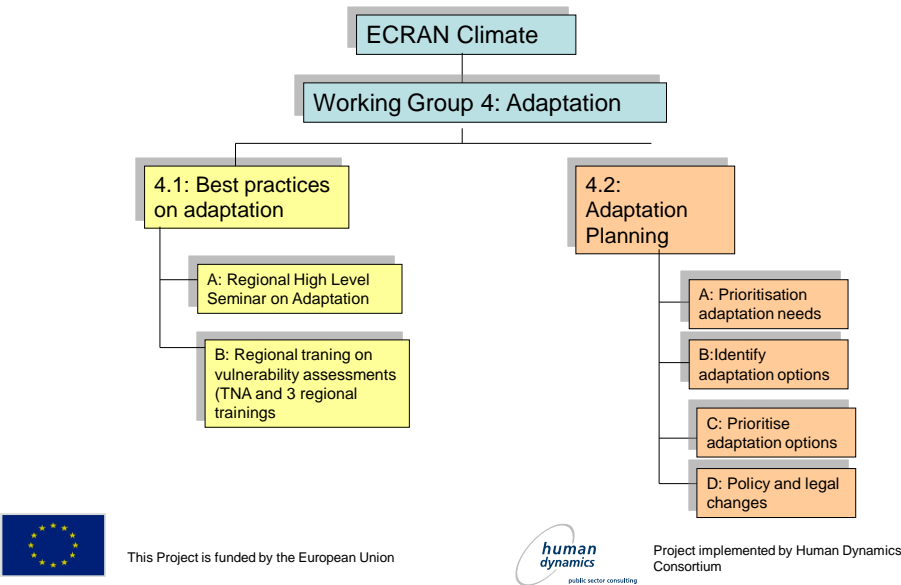


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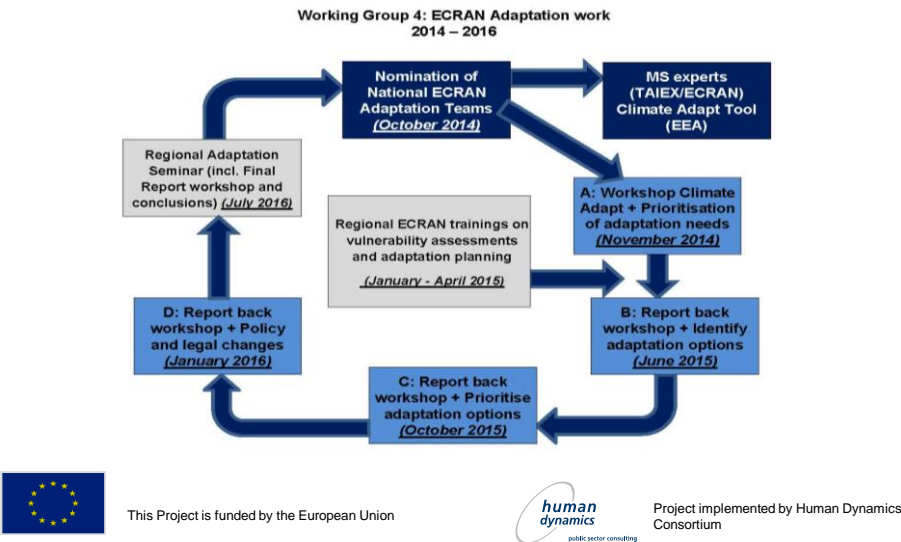


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REFRESH: WG4 STANDS FOR...



Working Group 4: ECRAN Adaptation work
2014 - 2016



WG4 ACTIVITIES IN 3RD REPORTING PERIOD

	2015							2016				
Working group 4: Adaptation	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Sub-Task 3.4.1 A. High Level ECRAN Climate Adapt Seminar												
Sub-Task 3.4.1 B. Regional training risks / vulnerability assessments	WS 3 Energy 16-17 Apr Tirana											
Sub-Task 3.4.2 A. Prioritise adaptation needs												
Sub-Task 3.4.2 B Identify adaptation options			WS. 3-4 June Zagreb					WS 9 – 10 Nov				
Sub-Task 3.4.2 C. Prioritise adaptation options											11-12 Feb, Ankara	
Sub-Task 3.4.2 D. Required policy (changes)												



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COMPLETED ACTIVITIES PREVIOUS REPORTING PERIODS

- Regional Seminar on Climate Change Adaptation – July 2014
- Training Programme Development
- Formation National Climate Adapt Teams
- Step A workshop Tirana 24- 25 November 2014



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PROGRESS 4th 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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PROGRESS 4th REPORTING PERIOD

Step B workshop Adaptation Options, 3 – 4 June 2015, Zagreb

- From the evaluation of this workshop, it was concluded that this workshop did not achieve the targeted results in a satisfactory manner.
- The 'Step B Workshop' intended to gather the same participants as under the 'STEP A Workshop' thus ensuring continuity of the work started.
- Unfortunately only a limited number of participants fulfilled this criterion while furthermore, due to unforeseen circumstances the overall number of participants was low.
- This situation prevented the workshop from making good progress.
- It was therefore decided to include an additional 'STEP B2 Workshop' in the ECRAN programme to allow the process to come back on track.



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Workplan for remaining period

Tasks	Topic	Date	Place
4.2 B	Step B Identify Adaptation options		
	Step B workshop revisited Operators	9-10 Nov 2015	Zagreb
4.2C	Step C Prioritise Adaptation Options		
	Step C Workshop	11-12 Feb 2016	Ankara
4.2D	Step D Structures and process changes for adaptation		
	Step D Workshop	9 - 10 June 2016	Podgorica
	Support Missions	Tbd	Tbd
	Support Missions	Tbd	tbd



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