

CROATIAN AGENCY FOR THE ENVIRONMENT AND NATURE

**Regional Training Seminar on National Systems for  
Greenhouse Gas (GHG) inventories  
(and projections) – part 2  
Tirana, Albania  
8 - 9 March, 2016**

**National System for GHG estimation  
in Croatia  
MMR Reporting experience**

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**Topics**

- Reporting in 2015 according to Regulation (EU) No 525/2013
- Review process during 2015 pursuant to Implementing Regulation (EU) No 749/2014,

and

- Some conclusions related to previous year (2015)
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### General information

- By accessing the European Union on 1 July 2013, the Republic of Croatia has implemented into its legal system obligations on reporting according to Regulation (EU) No 525/2013 of the European Parliament which includes:
    - ✓ Inventory report of GHGs emission (Preliminary NIR, NIR and Approximated NIR)
    - ✓ Policy and measures and
    - ✓ Projections of anthropogenic GHGs emissions by sources and removals by sinks
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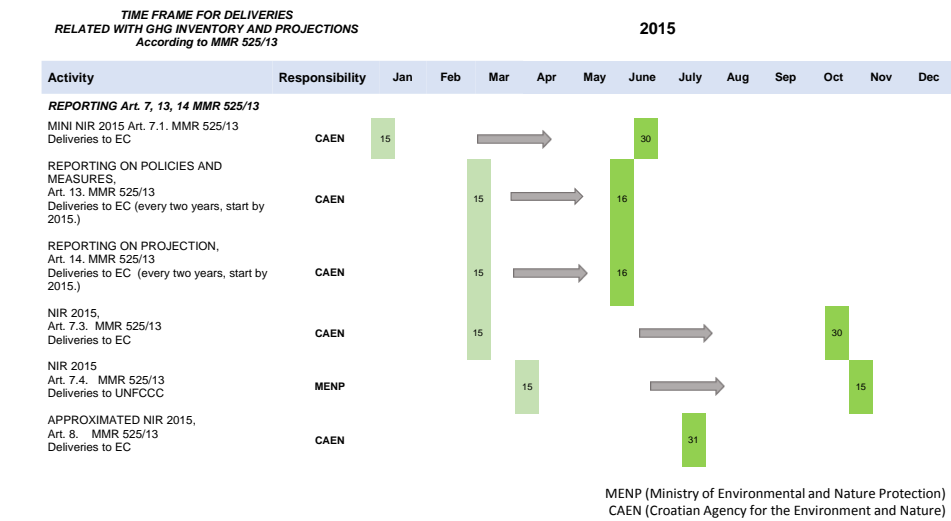
### Reporting according to MMR

*Regulation (EU) No 525/2013* of the European Parliament on a mechanism for monitoring and reporting greenhouse gas emissions.....

- Regulation establishes (inter alia) a mechanism for :
    - ✓ ensuring the TTACCC of reporting by Union and MS to the UNFCCC
    - ✓ reporting and verifying information relating to commitments of the Union and its MSs pursuant to the UNFCCC, to the Kyoto Protocol
    - ✓ monitoring and reporting all anthropogenic emissions by sources and removals by sinks of GHG
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### REPORTING ACCORDING to MMR



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### REPORTING ACCORDING to MMR

- 2015 was very straight...
- UNFCCC has developed a new CRF Reporter (new IPCC 2006 Gls., new methodology, new Sector, new GWP)

But...

CRF Reporter didn't work

- problem with performance, errors in formulas, data input procedures, long import/export times, frequent collapse of the system, inconsistencies, missing year in CRF table, incorrect comparison between Reference/Sectoral Approach, issues/difficulties with IE/NE/NO notation key explanations, issue with the thousand separator in the values, missing information in LULUCF Table ...
- **Issues related with the submission of inventory - ATCCCC**

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REPORTING ACCORDING to MMR

- At WG 1 meetings MSs have discussed about these issues and MS agreed about new deadlines. It was decided...

On WG1 18. June. 2015

- *the deadline for draft submission from MS to EU (equivalent to "15 January" submission) is 29/June*

On WG 1 28. Sept. 2015

by 30/October:

- *MS will submit to the EU the full final inventories for 2015 (under Convention, not KP), including Full final NIR, updated CRF tables, updated xml, relevant MMR Annexes by 15/November:*
- *MS will submit to UNFCCC the full final inventories for 2015 (under Convention, not KP).*
- *EU will submit CRF tables and xml to UNFCCC for 2015 (under Convention, not KP) by 30/November:*
- *EU will submit EU NIR to UNFCCC for 2015 (under Convention, not KP)*

- MS and EU will submit GHG inventories for 2015 to the UNFCCC under the Convention only
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REVIEW PROCESS

- *Commission Implementing Regulation (EU) No 749/2014 ...*
  - Regulation establishes
    - ✓ structure,
    - ✓ format,
    - ✓ submission processes and
    - ✓ Union expert review of GHG emissions reported by MS
  - Review process is being carried out pursuant to Article 19 of MMR
  - Commission and the European Environment Agency (EEA) shall be supported by a technical experts review team (TERT)
  - EEA shall act as Secretariat for the reviews
  - The Commission and the European Environment Agency shall select a sufficient number of review expert for each inventory sector
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## REVIEW PROCESS

### *Secretariat (EEA)*

- prepare the work plan for the review;
- compile and provide the information necessary for the work of the TERT
- coordinate the review including the communication between TERT and MS
- compile and edit the final and interim review reports

### *MS*

- participate in all the steps of the review pursuant to the schedule
- nominate a National contact point for the Union's review;
- participate in and facilitate in close cooperation with the Secretariat the organisation of an in-country visit,
- provide answers and additional information and comment on the review reports as relevant.

### *The Commission*

- shall inform the Member States of the composition of the TERT
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## REVIEW PROCESS

Annual review is carried out in two steps.

In **1st step** checks to verify the TACCC of the submitted information may include:

- ✓ assessment whether all emissions source and GHG are reported
- ✓ assessment consistence off data time series
- ✓ EF
- ✓ use of NE keys
- ✓ analysis of recalculation
- ✓ comparasion verified emission reported under the Union ETS and GHG
- ✓ comparasion Eurostat's sectoral approach with the MS sectoral approach
- ✓ assessment whether recommendations from earlier Union or UNFCCC reviews, not implemented by the MS could lead to a technical correction

In cases where inventory data is prepared in a manner which is inconsistent with the UNFCCC guidance documentation or Union rules **2nd step** is carried out .  
2nd step is more detailed and may include detail assessment, analysis, examination, follow up on the results from 1st step review,

Reviews shall be carried out pursuant to the schedules.

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### THE ANNUAL REVIEW – 1st. STEP

REGULATION EU No 749/2014  
ANNEX XVI, TABLE 3.

Schedule for the annual review pursuant to  
Article 19(2) of Regulation No (EU) 525/20013

Activity	Responsibility	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
NIR 2015 Art. 7.1. MMR 525/13 Deliveries to EC	MS	15		15									
FIRST STEP OF THE ANNUAL REVIEW													
FIRST STEP REVIEW AND COMMUNICATION OF ITS RESULTS TO MS	Secretariat	15	28										
RESPONSE TO THE FIRST STEP REVIEW RESULTS	MS			By 15									
FOLLOW-UP ON THE FIRST STEP REVIEW RESULTS AND COMMUNICATION OF THE FOLLOW-UP RESULTS TO MS	TERT			15	30								
RESPONSE TO THE FOLLOW-UP RESULTS	MS				By 7								
REVIEW OF MS RESPONSES	TERT				7	20							
UNRESOLVED SIGNIFICANT ISSUES	TERT					By 20							

MS (Member States)  
TERT (Technical Expert Review Tim)

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### THE ANNUAL REVIEW – 2nd. STEP

REGULATION EU No 749/2014  
ANNEX XVI, TABLE 3.

Schedule for the annual review pursuant to  
Article 19(2) of Regulation No (EU) 525/20013

Activity	Responsibility	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
SECOND STEP OF THE ANNUAL REVIEW													
PREPARATION OF REVIEW MATERIAL based of the 15 March submissions of MS	Secretariat			15	15								
SECOND STEP REVIEW	TERT				15	28							
	MS					21-28							
COMMUNICATION OF TECHNICAL CORRECTIONS	Secretariat				By 28								
RESPONSE	MS					By 8							
DRAFT REVIEW REPORTS	TERT					8	31						
COMMUNICATION OF THE DRAFT REVIEW REPORTS	Secretariat						By 31						
RESPONSE	MS							15					
COMPILATION OF REVIEW REPORTS	TERT							15	25				
SUBMISSION OF FINAL REVIEW REPORTS	Secretariat								By 30				

MS (Member States)  
TERT (Technical Expert Review Tim)

## REVIEW PROCESS

- For uncommon circumstances (delays in the availability of a functional CRF Reporter software) in 2015. it wasn't a standard review process (EU/UNFCCC), the annual ESD review runs as a trial ESD review and in a different timeline compared to the schedule

The annual ESD review ((EU) No 749/2014) 2015 has been postponed to 2016

- European Commission and the EEA have agreed to organize an ESD trial review in order to support MSs
  - ✓ in improving their GHG inventories and
  - ✓ to gain further experience to prepare for the ESD review in 2016
- Commission invited MS to volunteer for ESD trial review
- 18 MS submitted their requests to participate in step 2 (including HRV)

Results of ESD trial review (step 1 and 2) and lessons learned are presented on Capacity building workshop, 18 February 2016

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## Some conclusions....

- When we look back on the previous year.....
- Inventory preparation is a very long process.....
- Planning is good, it is necessary, but sometimes not enough
- Some uncommon circumstances change all the plans which you have made in standard QA/QC

This issue results with:

- ✓ additional tests, engagement (your and sector experts), additional costs
  - ✓ meetings
  - ✓ shorter deadlines for preparing Inventory
  - ✓ less time for QC
  - ✓ fast decision making (when it will be possible to submit inventory)
  - ✓ be capable of reacting and be able to assess their own capacity
  - ✓ other unforeseen circumstances (summer brake, national holidays), etc.
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Some conclusions....

- If you outsource Inventory you can expect change request for additional payments
- It is necessary to have a good Contract which includes this situation
- Good practice is to have a clearly defined role in the preparation of inventory (who, when, what, responsibility for deciding, communication)

About the review...

- Review is a process that can help a lot in improving your GHG Inventory
  - Review experts have a lot experience in this area
  - Improvement is a result of the review process
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Thank you  
and  
good luck!

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