

National System for GHG Estimation in the Republic of Croatia

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GENERAL INFORMATION

- Annex I Party of the United Nations Framework Convention on Climate Change (UNFCCC) from 1996
- ratified the Kyoto Protocol on April 27, 2007 (173rd country)
- became a full Party on August 28, 2007.
- Annex B Party with commitment for 5% reduction of GHG emissions in the period 2008-2012 (domestic measures / Kyoto Mechanisms).
- By accessing to the European Union on 1 July 2013, the Republic of Croatia has, due to the obligations arising from the EU *acquis communautaire*, implemented into its legal system obligations of reporting on implementation of
 - policy and measures regarding the reduction of emissions and increase of greenhouse gases removal and
 - long-term emission projections that are periodically submitted.



INSTITUTIONAL ARRANGEMENTS

- The Ministry of Environmental and Nature Protection (MENP) is the central national authority responsible for maintaining the National System
- MENP is a national focal point for the UNFCCC, with overall responsibility for functioning of the National System such as:
 - communication with the UNFCCC, EU,
 - control of methodology for emission and greenhouse gas removal calculations,
 - approval of the GHG Inventory Report,
 - submission to UNFCCC etc.
- Croatian Agency for the Environment and Nature (CAEN) is responsible for:
 - organization of the GHG Inventory preparation,
 - collection of data,
 - development of QA/QC plan,
 - archiving of all documents used for inventory planning and preparation,
 - QA/QC procedure,
 - selection of Authorized Institution etc.



INSTITUTIONAL ARRANGEMENTS

- The preparation of inventory itself is entrusted to Authorized Institution which is elected for three year period by public tendering
- Institutional arrangement for inventory preparation in Croatia is regulated in Part II of the Regulation on the Monitoring of Greenhouse Gas Emissions, Policies and Mitigation Measures in the Republic of Croatia entitled National system for the estimation and reporting of anthropogenic greenhouse gas emissions by sources and removals by sinks
- It could be characterized as decentralized and out-sourced with clear tasks division between participating institutions including
 - Ministry of Environmental and Nature Protection (MENP),
 - Croatian Agency for the Environment and Nature (CAEN) and
 - competent governmental bodies responsible for providing of data



EU LEGAL ARRANGEMENTS

- **Regulation (EU) No 525/2013** of the European Parliament and of the Council of 21 May 2013 on a mechanism for monitoring and reporting greenhouse gas emissions and for reporting other information at national and Union level relevant to climate change and repealing Decision No 280/2004/EC
- **Decision No 529/2013/EU** of the European Parliament and of the Council on accounting rules on greenhouse gas emissions and removals resulting from activities relating to land use, land-use change and forestry and on information concerning actions relating to those activities
- **Decision No 406/2009/EC** of the European Parliament and of the Council on the effort of Member States to reduce their greenhouse gas emissions to meet the Community's greenhouse gas emission reduction commitments up to 2020



CROATIAN LEGAL FRAMEWORK

- **Air Protection Act** (Official Gazette, No.130/2011, 47/2014) – Chapter VIII of the act is related to monitoring greenhouse gas emissions and measures for mitigating and adapting to climate change
- **Regulation on the Monitoring of Greenhouse Gas Emissions, Policies nad Mitigation measures in the Republic of Croatia** (Official Gazette, No. 87/2012) - Part II
- **Decision on the adoption of the Plan for the protection of air, ozone layer and climate change mitigation in the Republic of Croatia for the 2013 – 2017 period** (Official Gazette, No. 139/2013)
- **Decision on the establishment of the Committee for inter-sectoral coordination for a national system for monitoring greenhouse gas** (Official Gazette, No. 6/2014)
- **Decision on the establishment of the Committee for inter-sectoral coordination of policies and measures** on climate change adaptation and mitigation (Official Gazette, No. 114/2014)



CROATIAN LEGAL FRAMEWORK

➤ Article 77 of the **Air Protection Act** (Official Gazette No. 130/11, 47/2014)

- public bodies competent for activities related to:
 - environmental protection, the economy,
 - agriculture, forestry, water management,
 - sea, transport,
 - official statistics,
- as well as the companies:
 - Hrvatske šume d.o.o. (Croatian Forests)
 - Hrvatska kontrola zračne plovidbe (Croatia Control Ltd.),
 which collect and/or hold data on activities according to sectors in which GHG are emitted or removed and which data are required for producing this report, **should deliver such data to the Agency**
- data are delivered yearly to the CAEN, free of charge, taking in consider deadlines, the scope and format published by the Ministry on its website
- the above mentioned bodies are obligated to participate in all phases of data preparation and data submission, report review and revision carried out by the UNFCCC Secretariat



CROATIAN LEGAL FRAMEWORK

- in 2014 **Committee for inter-sectorial coordination for National System** was established by Government decision:
- active role in streamlining activity data collection
 - provides recommendations for inventory improvement
 - gives opinions on report
 - participates in the review of these reports
- (Article 78. of the **Air Protection Act** (OG 130/2011))
- includes representatives from:
 - Ministry of Environmental and Nature Protection
 - Ministry of Economy
 - Ministry of the Interior
 - Ministry of Maritime Affairs, Transport and Infrastructure
 - Ministry of Agriculture
 - Paying Agency for Agriculture, Fisheries and Rural Development
 - Ministry of Regional Development and EU Funds

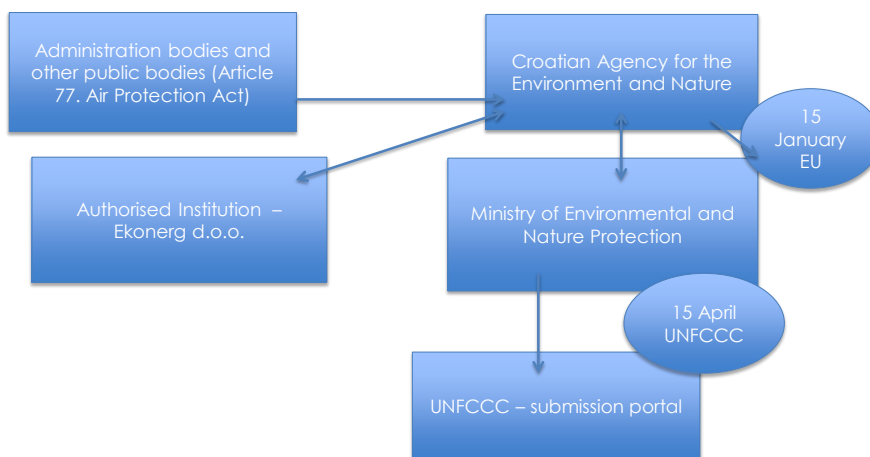


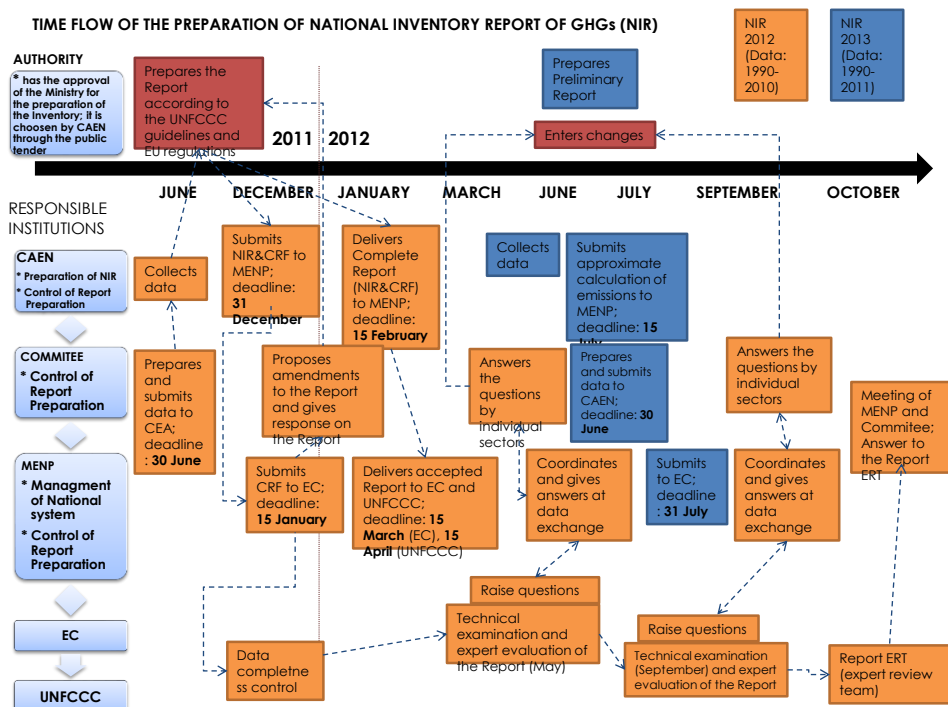
INSTITUTIONAL AND ORGANIZATIONAL STRUCTURE

- Croatia Control Ltd
- Croatian Civil Aviation Agency
- Croatian Bureau of Statistics
- Croatian Agency for the Environment and Nature (CAEN)
- Croatian centre for Agriculture, Food and Rural Affairs
- Croatian Forest Ltd., Croatian Waters
- Faculty of Veterinary Medicine
- Croatian Forest Research Institute
- Faculty of Agriculture
- Croatian Chamber of Economy
- Environmental protection and energy efficiency Fund
- Croatian Geological Survey



COMMUNICATION SCHEME





STRENGTHS AND WEAKNESSES

STRENGTHS

- established national system with all legal and institutional arrangements
- established Committee for national system
- financial means for necessary researches are available from auctioning revenues
- Authorized Institution elected for three year period by public tender
- good cooperation established with research institutions

WEAKNESSES

- insufficient number of experts in public institutions
- frequent changes of expert in public institutions
- long period needed for obtaining of necessary knowledge to be inventory experts



Thank you!

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