

# Climate related work, emission scenario modeling

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## LEGISLATION

- 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 and Mitigation measures in the Republic of Croatia (Official Gazette, No. 87/2012)
- Ordinance on Greenhouse Gas Emissions Monitoring in the Republic of Croatia (Official Gazette 134/12)
- 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)
- 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;
- 2030 Climate energy policy framework



## CROATIAN LEGAL FRAMEWORK

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- Article 74a paragraph of the Air Protection Act (Official Gazette, 130/2011), legal basis for the preparation of low carbon strategy
- 'Report on projections of greenhouse gas emissions' is an integral part of the national system for monitoring the implementation of policies and measures for greenhouse gas emissions reduction and projections of greenhouse gas emissions
- Article 75 paragraph (3) of the Air Protection Act (Official Gazette, 130/2011) and Article 35 of the Air Protection Act (Official Gazette, 47/2014) provide legal basis for the preparation of Report on projections of greenhouse gas emissions
- institutional arrangement for preparation of projections in Croatia is regulated in Part III of the Regulation on the monitoring of greenhouse gas emissions, policies and mitigation measures in the Republic of Croatia entitled national system for the monitoring of policies and measures for reduction of the GHG emissions and projections of greenhouse gas emissions



## INSTITUTIONAL ARRANGEMENT

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- Ministry of Environmental and Nature Protection is the carrier of implementation of low carbon strategy in cooperation with central state administration bodies and other public bodies.
- The Action plan for the five-year period will be based on low carbon strategy
- Development documents of certain areas and activities will have to comply with the principles, the basic objectives, priorities and measures for low carbon development in individual sectors identified in Low-Carbon Strategy
- Low carbon strategy have to be prepared for the period up to 2030 with the view to the 2050
- Low carbon strategy adopts Croatian parliament

## INSTITUTIONAL ARRANGEMENT



- The development of Low-Carbon Strategy focuses on a long term economic and social development of the society with low greenhouse gas emissions.
- Including:
  - - Analysis of the current economic, social and environmental conditions,
  - - Principles and criteria for determining the goals and priorities of low-carbon development,
  - - Measures to reduce emissions and enhance sinks of greenhouse gases related to land use, land use change and forestry,
  - - Main objectives and measures of development of low-carbon economy, low carbon social development,
  - - Assessment of the impact of the basic strategies on the economy, society and environment,
  - - Guidelines for scientific research in the field of climate change mitigation,
  - - Institutions that will be involved in the implementation of low-carbon strategies,
  - - Program management and accountability for the implementation of low-carbon strategies,

## INSTITUTIONAL ARRANGEMENT



- The Ministry of Environmental and Nature Protection is the central national authority responsible for maintaining the National System for monitoring of the policy and measures and measures for the reduction of the GHG emissions and projections of the GHG emissions
- Preparation of the low carbon strategy is in responsibility of the MENP
- Croatian Agency for the Environmental and Nature Protection is responsible for drafting reports and it provides funds in its budget for its development
- The preparation of Report on Projections itself is entrusted to Authorised Institution which is elected for three year period by public tendering (Ekonerg d.o.o)

## CONTENT OF THE REPORT

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- Content of the Report prescribe Article 15 of the Regulation (14 of the MMR). The report includes projections of greenhouse gas emissions by sources and their removal by sinks and contains following components:
- 'without measures', 'with measures' and 'with additional measures' projections, organized by sector and by gas,
  - policies and measures included in the projections,
  - descriptions of methodologies, models, underlying assumptions and key input and output parameters,
  - sensitivity analysis of the projections for factors that influence on the uncertainty of emission calculations

Article 11 the Ordinance on Greenhouse Gas Emissions Monitoring in the Republic of Croatia defines the scope of the Report



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- According to Article 17 of the Regulation on the Monitoring of Greenhouse Gas Emissions, Policies and Mitigation measures in the Republic of Croatia Agency for the Environmental and Nature Protection delivers to the Ministry by 15 February Report on projections and report on effects of implementation of GHG reduction measures
- Ministry together with Committee for inter-sectoral coordination of policies and measures on climate change adaptation and mitigation evaluate report and inform Agency  
Two groups under the Committee: COORDINATION AND TECHNICAL
- Ministry send to the European Commission Report by 15 March every two years



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Thank you for your attention!  
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