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Practical experiences from the EU: Member state example of NECP and energy mainstreaming

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Legislative Framework

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- EU
  - Regulation (EU) 2021/1119 (the European Climate Law)
  - Regulation (EU) 2018/1999 on the Governance

- National
  - Law on Climate Change and Ozone Layer Protection OG 127/2019
    - Stratigic documents for climate change (A.10)
    - Institutional framework – competent authority, adoption procedure (A.18)
    - Committee (A.26)

Committee

- Committee for intersectorial coordination for policy and measures of mitigation of and adaptation to climate change
- Coordination Group (directors)
- 2 Technical Working Groups (mitigation and adaptation)- technical level
- The President and members of the Committee, appointed by the Government of the Republic of Croatia
- experts from scientific, business community, public bodies and central state administration bodies responsible for individual sectors, representatives of civil society,

GHG emissions

Total GHG emissions in 2019:

- 24,05 % below
- emissions in 1990 (without LULUCF)

Main drivers of emissions

ENERGY SECTOR - 69,6 % of total GHG emissions

IPPU - 11,6 % of total GHG emissions

AGRICULT total GHG emissions

G emissions

Low Carbon Strategy preparation, start

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Framework for low Carbon Strategy, Project of UNDP, 2012-2013

The team for low-carbon strategy

Coordination Body

Ministry of Economy and Sustainable Development

The Commission for inter-sectoral coordination of policies and measures for mitigation and adaptation to climate change

Professional public and stakeholders

Public

Low Carbon Strategy preparation

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Analytic part

- SWOT and needs assessment
- Measures and their effects across sectors
- Determination of scenarios from 2030 to 2050
- The effects od scenarios on economy, society and environment
- Guidelines for implementation
- Institutional and regulatory framework
- Sensitivity analysis
- Financing

Consultation

- Project conferences
- Sectorial workshops
- Interview consultations with stakeholders
- Presentations at conferences
- Numerous round tables
- Strategic Environmental Impact Assessment
- Strategic Impact Assessment on Natura 2000

Green book

White book

- Iteration and communication with other ongoing strategies

Streamlining of obligations

Workshops- 2 rounds

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- For each submission 4 sectoral workshops and many experts meetings
    - Renewable energy sources
    - Energy efficiency and transport
    - Energy security and market
    - research, innovation and competitiveness
- Agenda
    - Discussion on measures and its activities
    - Competent body for measures and target
    - activity holder for activities
    - Timeframe
    - Indicators
    - Targets
    - Conclusions and next steps

Strategic documents

Law on Strategic Planning and Governance System for Development of Republic of Croatia	Adopted in December 2017
National Development Strategy of Republic of Croatia Until 2030	Adopted in February 2021
Low Carbon Development Strategy of the Republic of Croatia Until 2030 with a view to 2050	Adopted in June 2021
National Climate Adaptation Strategy of the Republic of Croatia	Adopted in April 2020
Energy Development Strategy of the Republic of Croatia until 2030 with a view to 2050	Adopted in February 2020
National energy and Climate plan (NECP)	Drafted until the end of 2018, adopted until the end of 2019, submitted to the EK

Low Carbon Strategy

- 105 technical and organizational measures
- Wide ‘space’ for political decision on national ambition
- Philosophy of NDC is introduced

- Policy recommendations:

- reconstruction of the legislation (separate low for climate, REALISED)
- unification of energy sector and climate sector (REALISED –Ministry for Economy and Sustainable Development)
- Mainstreaming climate change through sectors and establish capacities for reporting

General objectives of the low carbon strategy:

- achieving sustainable development based on knowledge and a competitive economy
- Increasing security of energy supply, sustainability of energy supply, increasing energy availability and reducing energy dependence
- Reduction of air pollution and health effects

With NU1 and NU2 scenarios, the Republic of Croatia achieves a 33,5 to 36,7% emission reduction in 2030 compared to 1990, and 56,8 to 73,1% in 2050 .

Criteria for selection of PAM-s (Cost-effectiveness, GHG mitigation potential, employment, domestic component, local development)

EU and national climate targets for 2030

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Paris Agreement

- EU target by 2030 (1990): - 55 % (NDC of the EU)
- EU target by 2050 (1990): climate neutrality

NDC

The EU and its Member States, acting jointly, are committed to a binding target of a net domestic reduction of at least 55 % in greenhouse gas emissions by 2030 compared to 1990.

(submission 18th December 2020)

New EU proposals (under discussion):

- ETS target by 2030: - 61 %
- non-ETS target by 2030: - 40% (16,7 % Croatia)

Climate neutral scenario

Low carbon strategy

Climate neutral scenario studies

NU1, NU2 → NUN

Source: EKONERG - Institute for Energy and Environmental Protection

Financial resources - needs

Investments (billions €) 2021-2030	NUR	NUN	Additional investments
Energy sector	13,8	33,7	19,9
Non energy sector		0,6	0,6
Total		34 ,3	20,5

Action plan, challenges

- 105 measures
- Estimate cost and sources of funding
- Accept topic on agenda in other ministries- competent bodies
- To achieve acceptable details of activities
- To set quantitative indicators and targets
- Different competent bodies and levels

Communication

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- The Ministry of Economy and Sustainable Development has launched a discussion with various stakeholders and the general public on the challenges and opportunities for a fair and effective transition of Croatia to climate neutrality
- 20. Semptember – 27. October 2021.
- 8 Panel discussions with 8 target groups were held
- 8 surveys with 15 questions for each Panel - a total of 3,404 answers8 Panel discussion - a total of more than 200 participants
- The conclusions and recommendations from the panel were made public
- **https://mingor.gov.hr/o-ministarstvu-1065/djelokrug/uprava-za-klimatske-aktivnosti-1879/konferencija-o-buducnosti-europe-tranzicija-hrvatske-prema-klimatskoj-neutralnosti/8289**
- Closing Conference October 27, 2021
- Live streaming is enabled, and the recording is available at:
- https://youtu.be/7ai1TW_d_Uw

Thanks for your attention

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