



REPUBLIC OF CROATIA

MINISTRY OF ECONOMY AND
SUSTAINABLE DEVELOPMENT

Third meeting of the project “ODYSSEE-MURE,
Monitoring EU Energy Efficiency First Principle and
Policy Implementation”

Višnja Grgasović

15th-16th November 2021

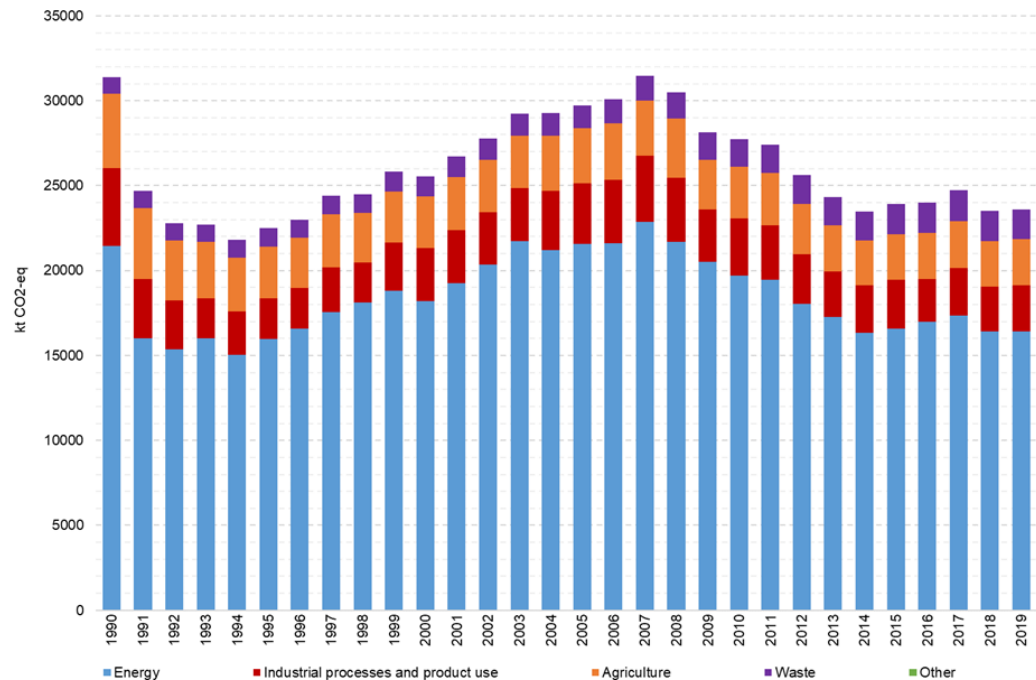
EU AND NATIONAL CLIMATE TARGETS

Kyoto Protocol

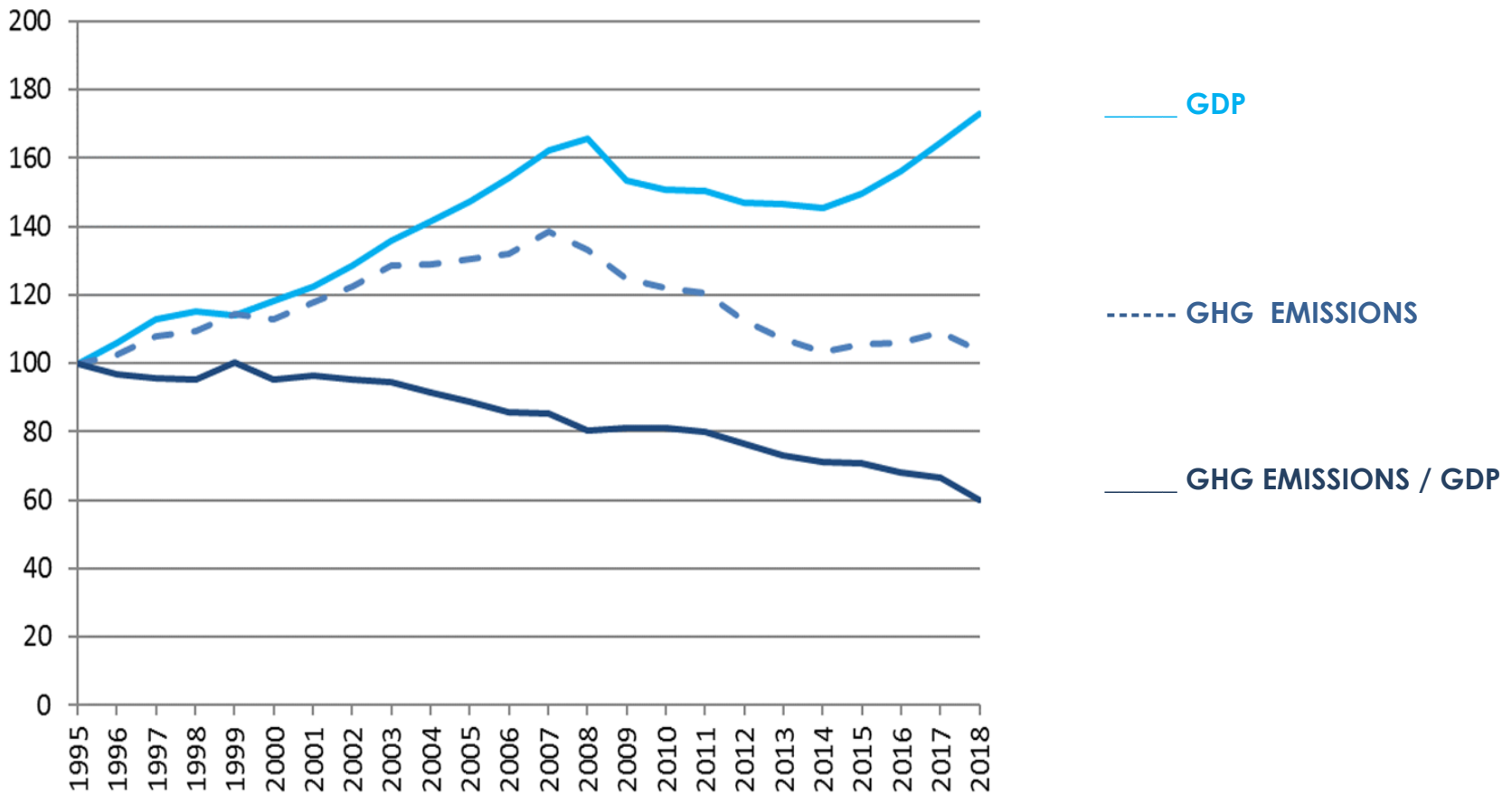
- 2008. – 2012. target for Croatia: – 5 %
- EU wide target by 2020 (1990): - 20 %
 - EU non-ETS target: - 10 % (individual targets for member states, **for Croatia + 11 % compare to 2005**)
 - ETS: - 21 % (single cap for emission trading system)

Total GHG emissions in
2019:

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

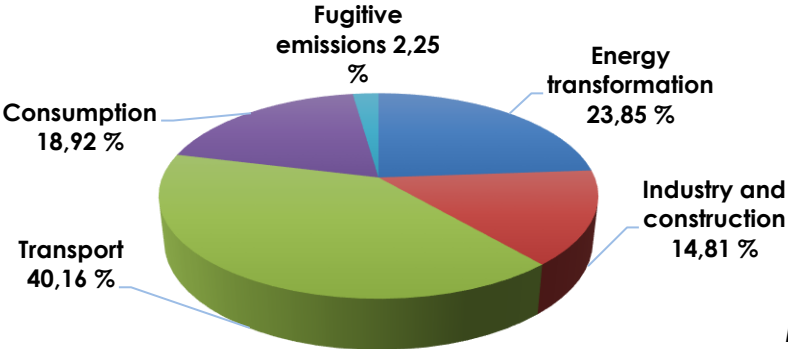


EMISSIONS DECOUPLING FROM ECONOMIC GROWTH

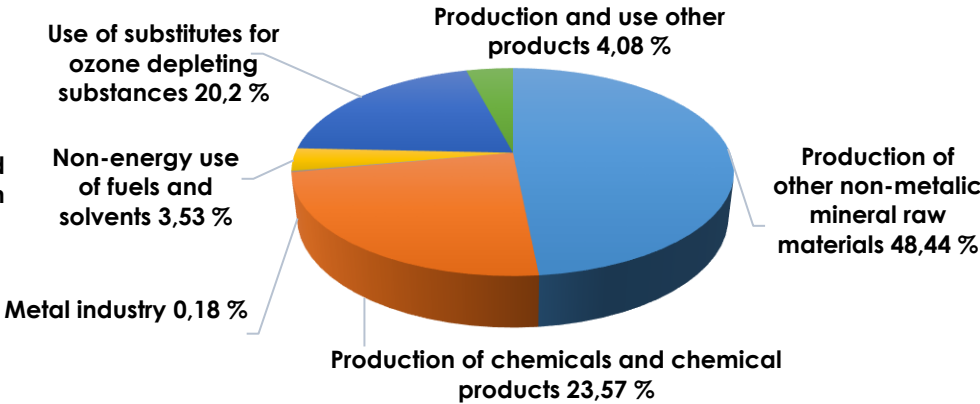


MAIN DRIVERS OF EMISSIONS

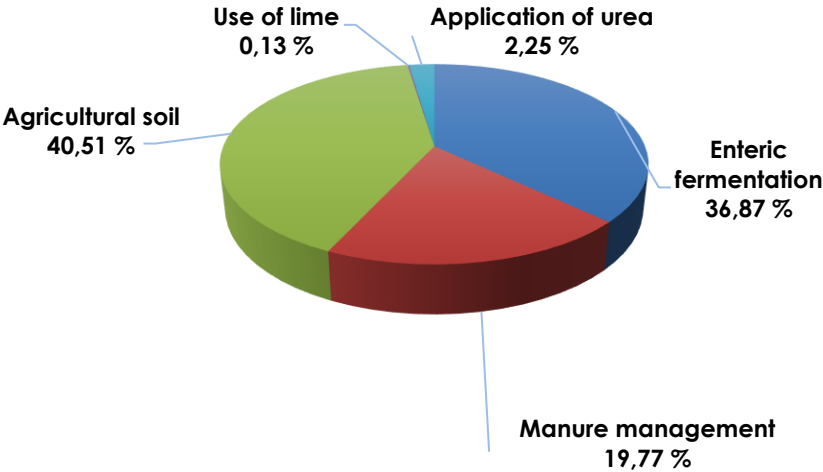
ENERGY SECTOR - 69,6 % of total GHG emissions



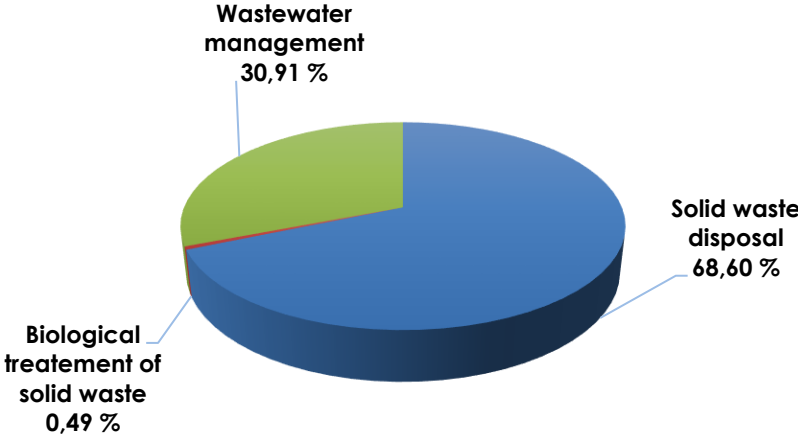
IPPU - 11,6 % of total GHG emissions



AGRICULTURE SECTOR - 11,4 % of total GHG emissions



WASTE - 7,4 of total GHG emissions



EU AND NATIONAL CLIMATE TARGETS FOR 2030

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: - 16,7 % (Croatia)

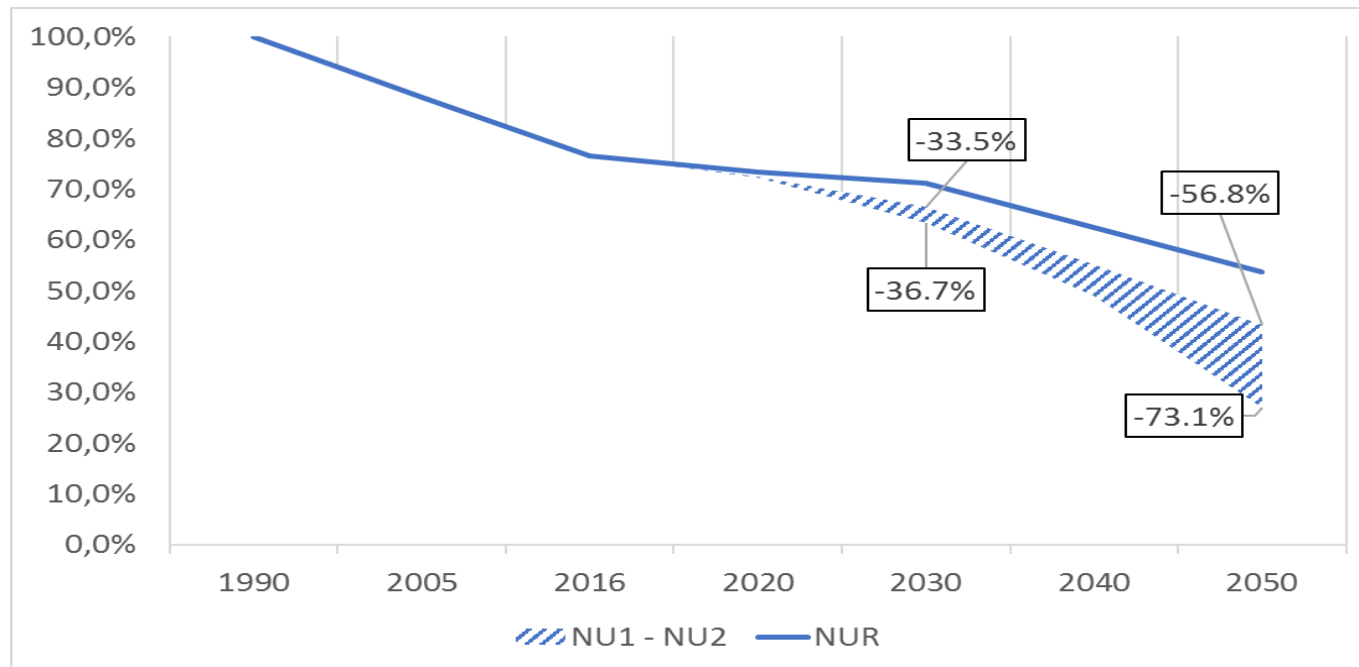
STRATEGIC DOCUMENTS

- **National Development Strategy of Republic of Croatia Until 2030- Feb2021**
Commitment for climate neutrality in 2050
- **Energy Development Strategy** till 2030 with the view to 2050
- **National Energy and Climate Change Plan** for the Period of 2021-2030 (NECP)
- **Low Carbon Development Strategy** of the Republic of Croatia until 2030, with the view to 2050 – June 2021
Action Plan under the preparation
- **National Climate Adaptation Strategy** in the Republic of Croatia for the period to 2040 with a view to 2070;
- **Law on Climate Change and Ozone Layer Protection**

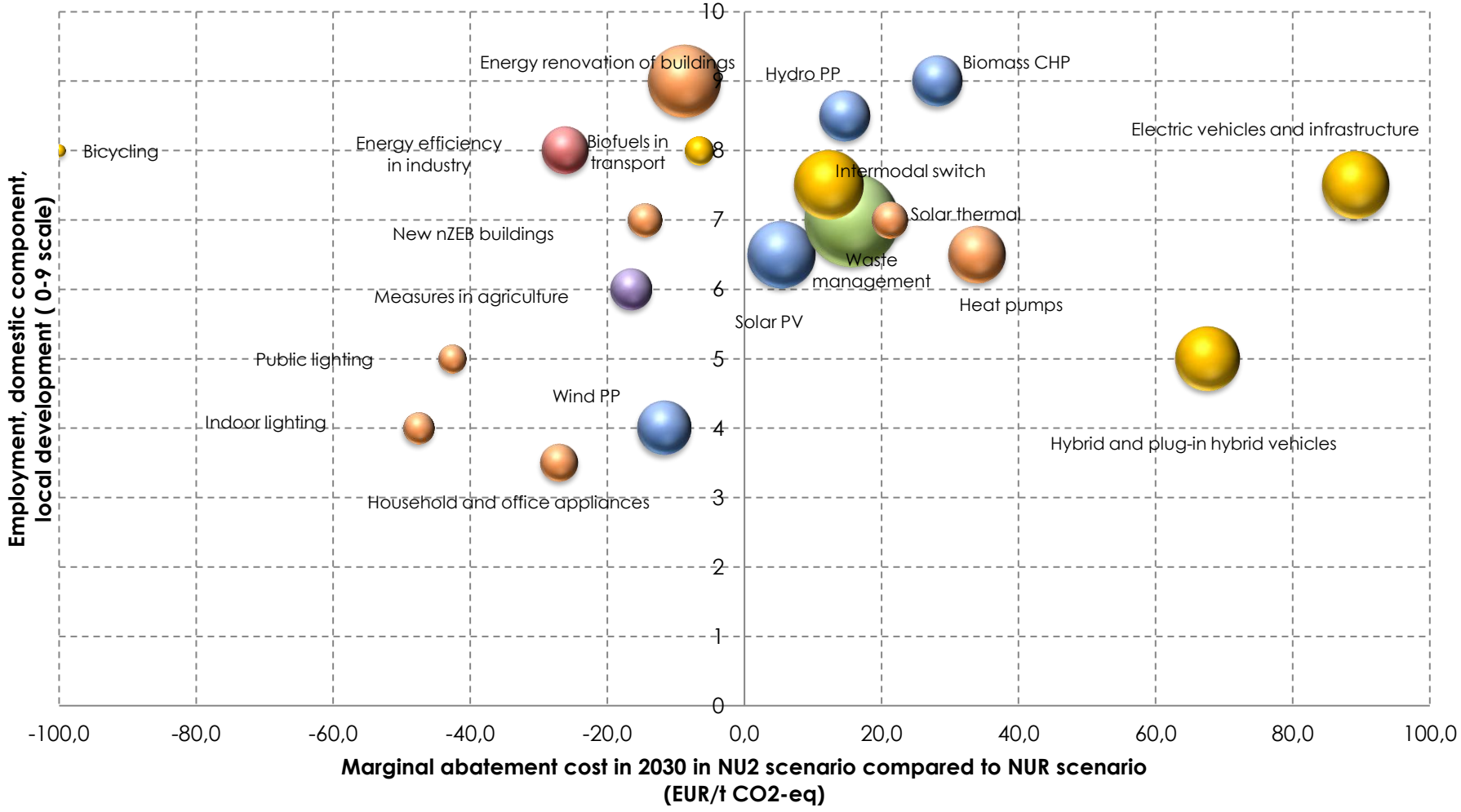
GENERAL OBJECTIVES OF THE LOW CARBON STRATEGY:

- 102 technical and organizational measures
- 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
- Solidarity by fulfilling the obligations of the Republic of Croatia under international agreements and within the framework of the European Union policy
- 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 .



GENERAL OBJECTIVES OF THE LOW CARBON STRATEGY:

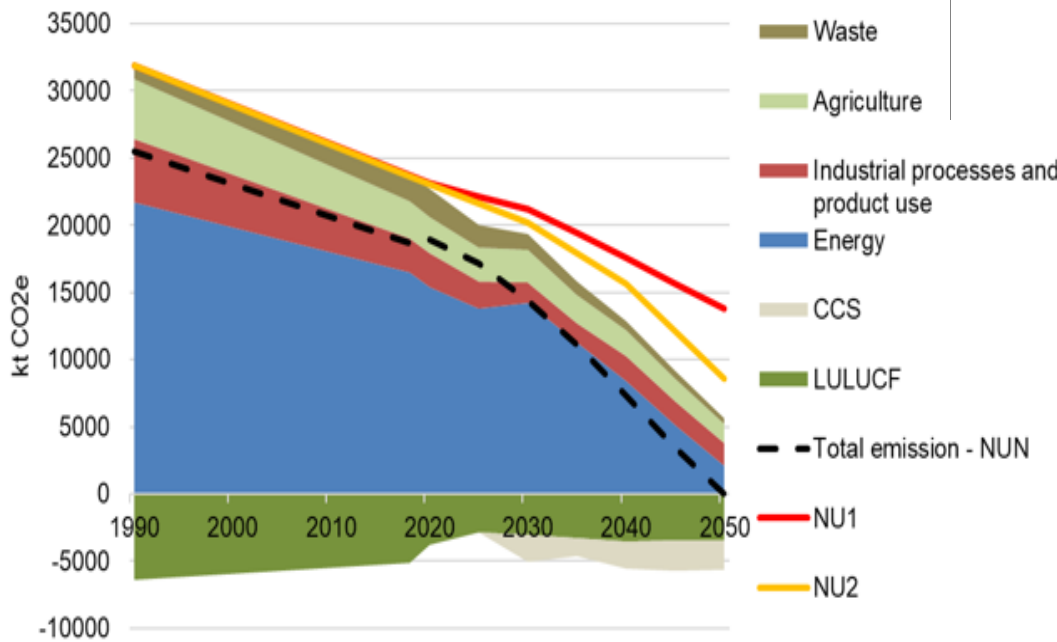


Circle surface - GHG mitigation potential in 2030 (kt CO₂e)

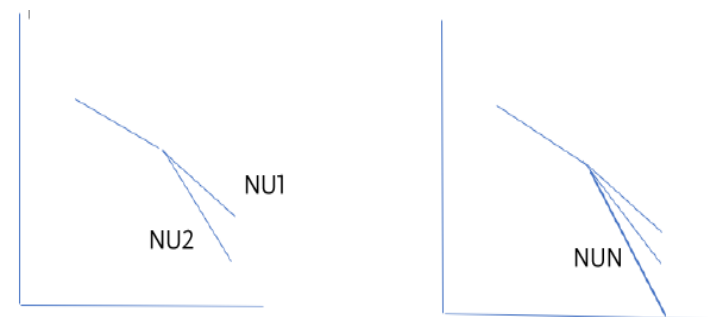
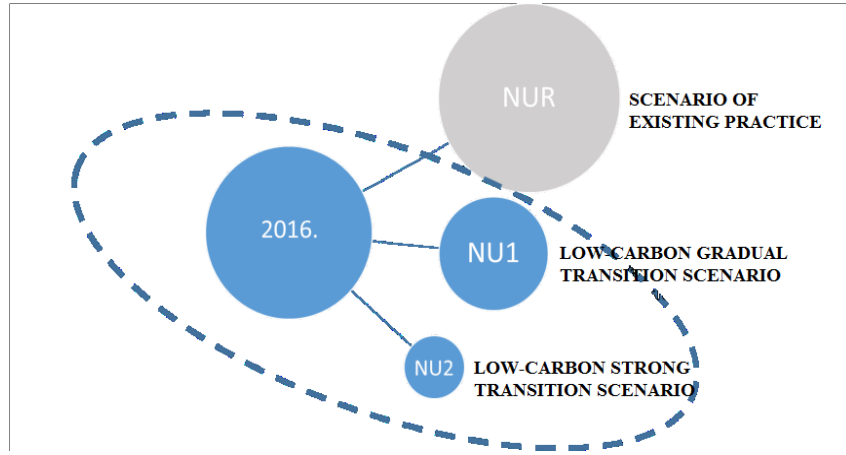
- Energy
- Industry
- Waste
- Agriculture
- Transport
- Households and services

CLIMATE NEUTRALITY SCENARIO UNTIL 2050

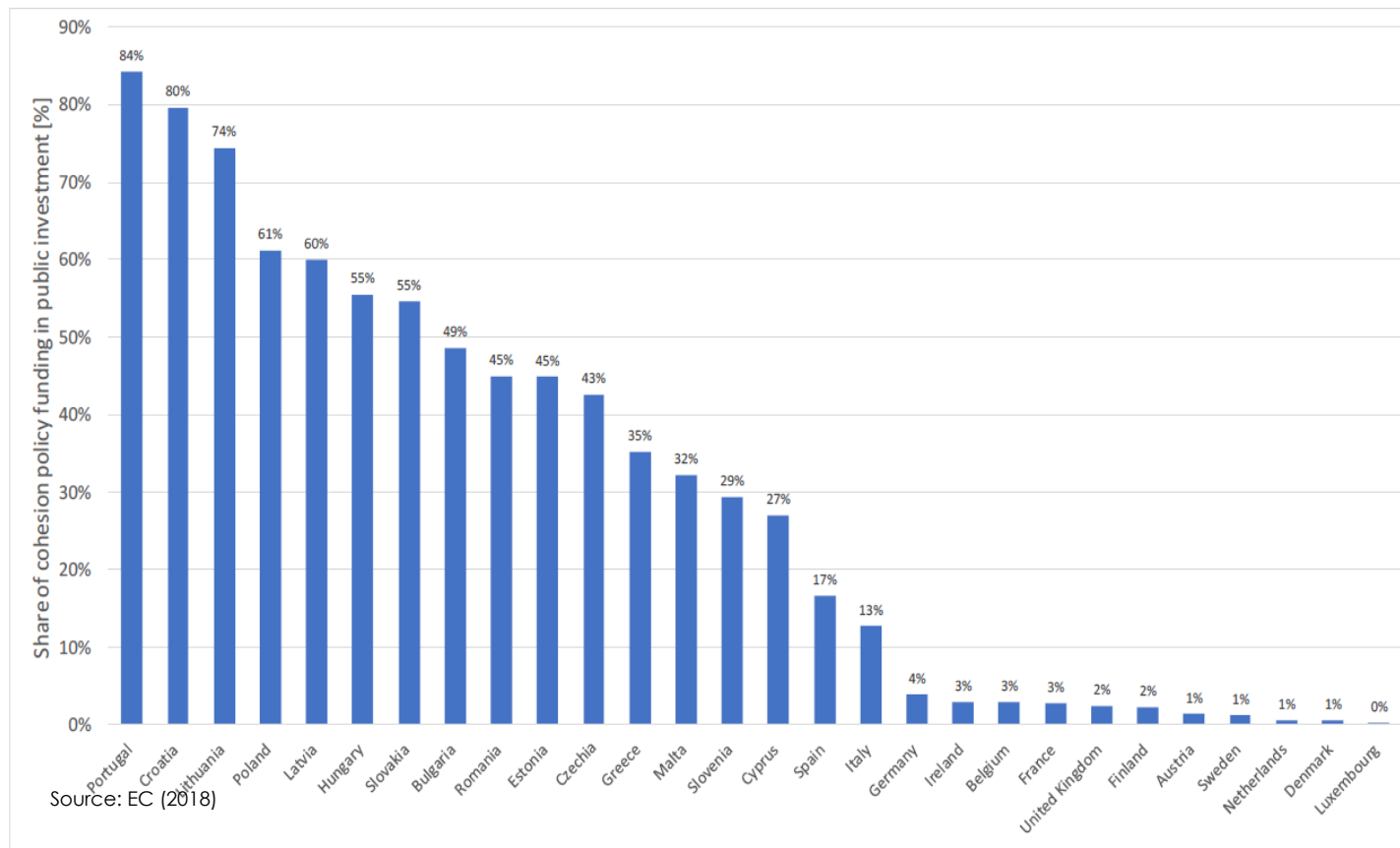
Existing climate neutrality scenario as information in NUS



Total emission reductions according to the climate neutrality scenario



SHARE OF COHESION POLICY FUNDING IN PUBLIC INVESTMENT PER MEMBER STATE 2015-2017



FINANCIAL RESOURCES - NEEDS

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

FINANCIAL RESOURCES – AVAILABLE MEANS

SOURCES	EUR
FOR CLIMATE 30% MFF (till 2027 .)	4.800.000.000
FOR CLIMATE 37% RECOFVERY AND RESILENCE FUND (till 2026.)	2.220.000.000
MODERNISATION FUND (till 2030.)	364.826.401
Auctioning revenues (till 2030.)	757.702.278
EEA financial mechanism (do 2023.)	20.000.000
Just Transition Fund (till 2027.)	169.000.000
TOTAL	8.328.528.679

COMMUNICATION

- 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. September – 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 answers
- 8 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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