

Lithuania

Facilitative, multilateral consideration of progress

SBI 64 session, 11–13 June 2026, Bonn

Lithuania is a part of the EU NDC



EU's joint NDC

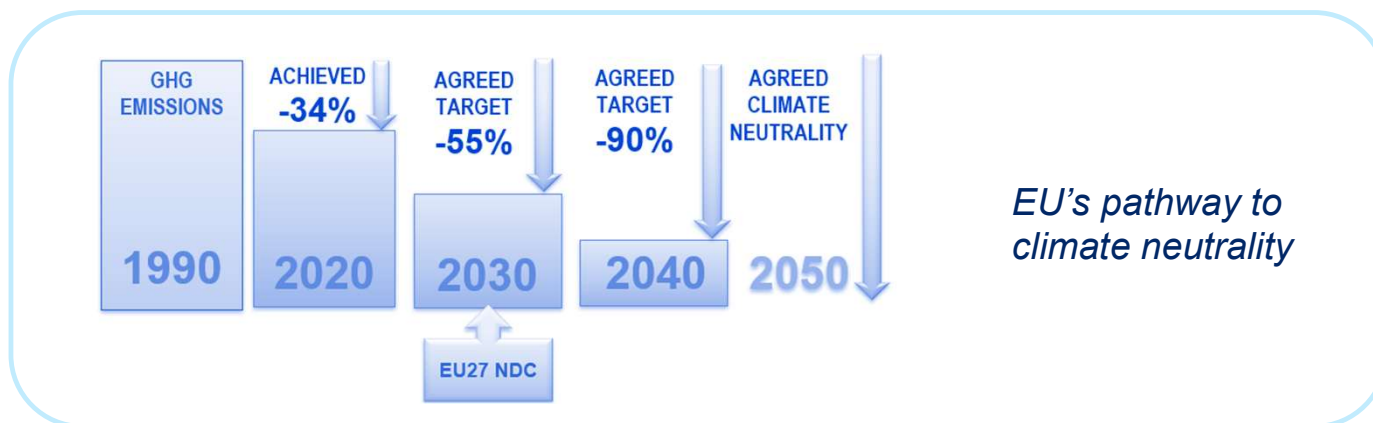
Economy-wide net domestic reduction: **≥ 55 % GHG emissions by 2030 vs.1990**

Implementation period: 2021–2030

27 EU MS, including outermost regions

All gases covered: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃

All IPCC sectors covered



Main EU climate policy instruments:

EU ETS

Power and heat, industrial installations, aviation, maritime
-62 % by 2030 vs. 2005

EU ESR

Buildings, transport, small industry, agriculture, waste
-40 % by 2030 vs. 2005

EU LULUCF

310 Mt net carbon removals by 2030

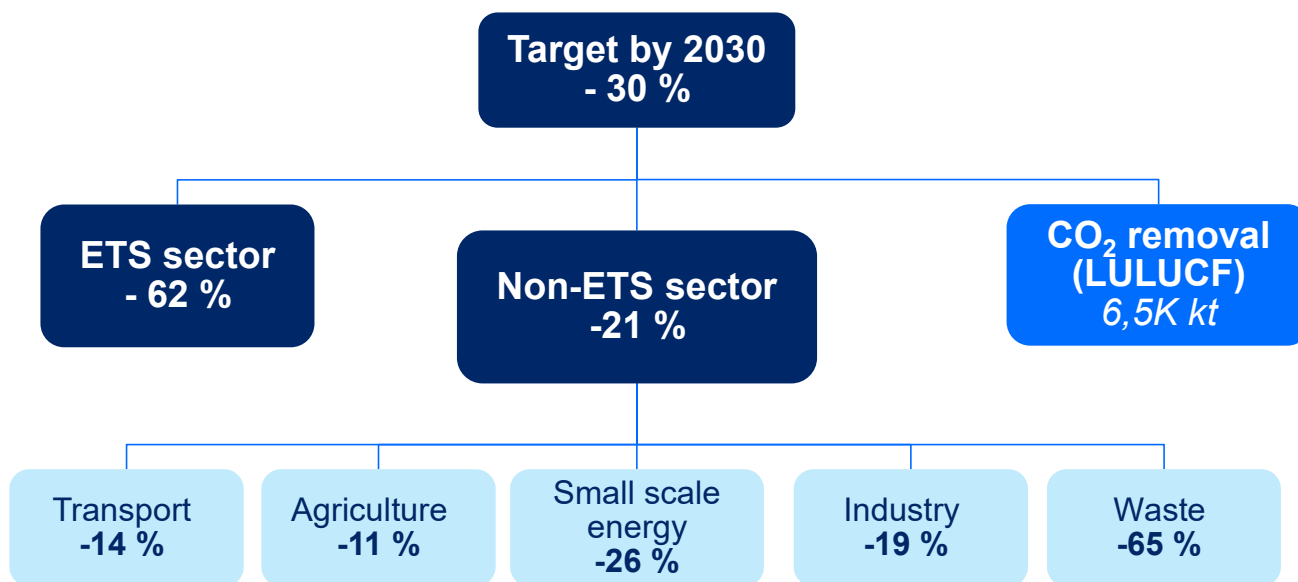
LT target: -21 %



*LT target:
661 kt CO₂eq removals increase*

National policy framework

National Climate Change Management Agenda sets national targets



National Energy and Climate action Plan (NECP) defines cost-effective measures to achieve 2030 targets

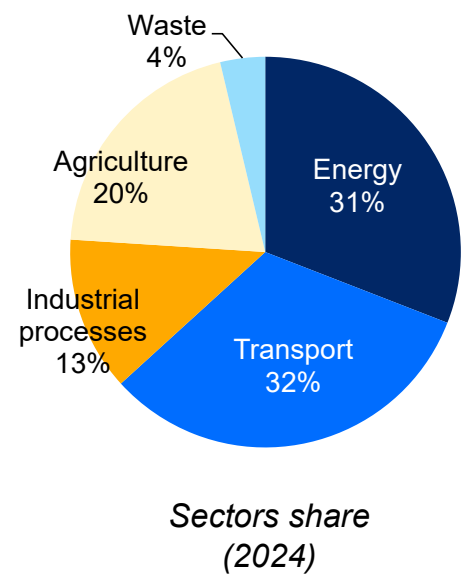
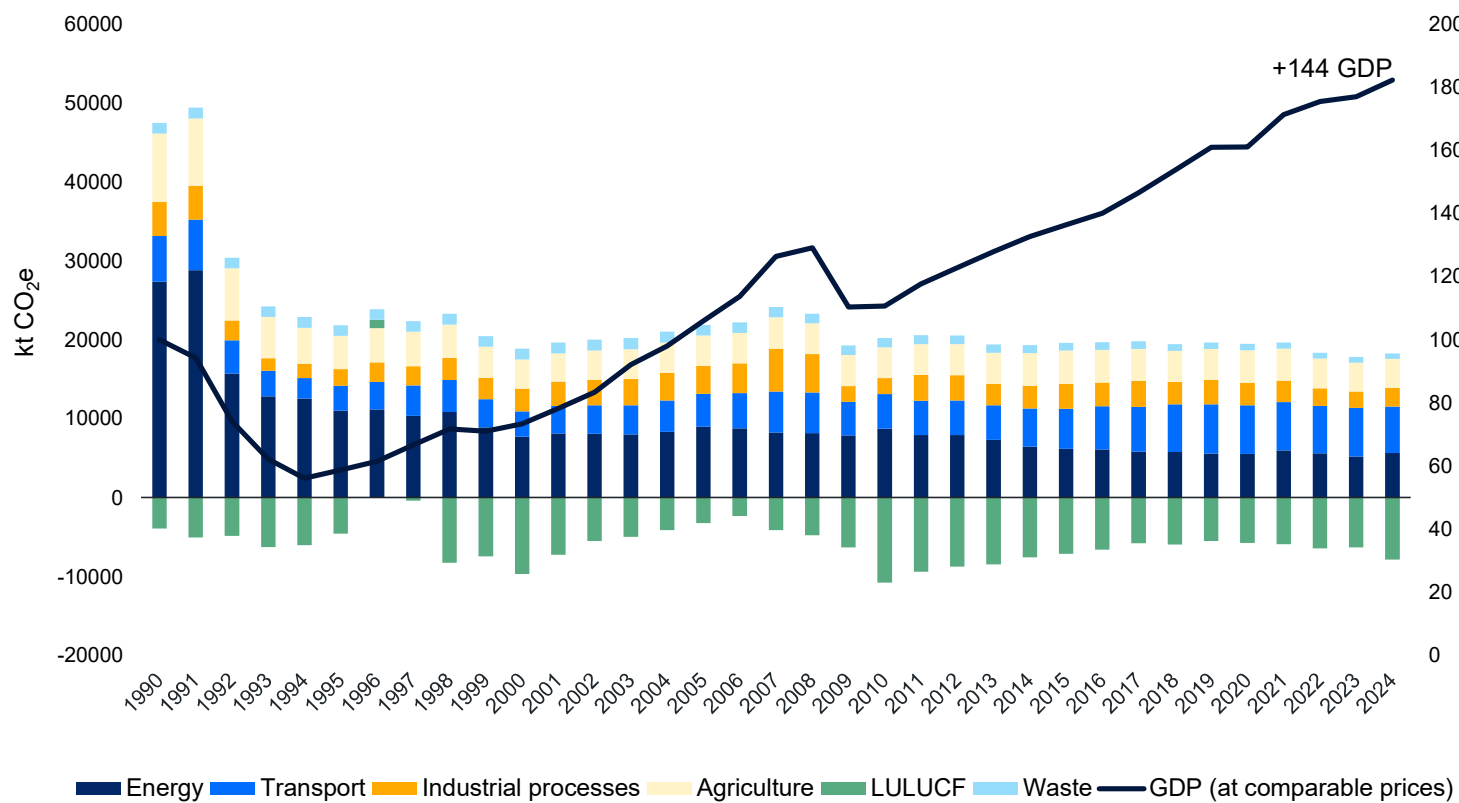
30 % reduction in GHG emissions by 2030
(compared with 2005)



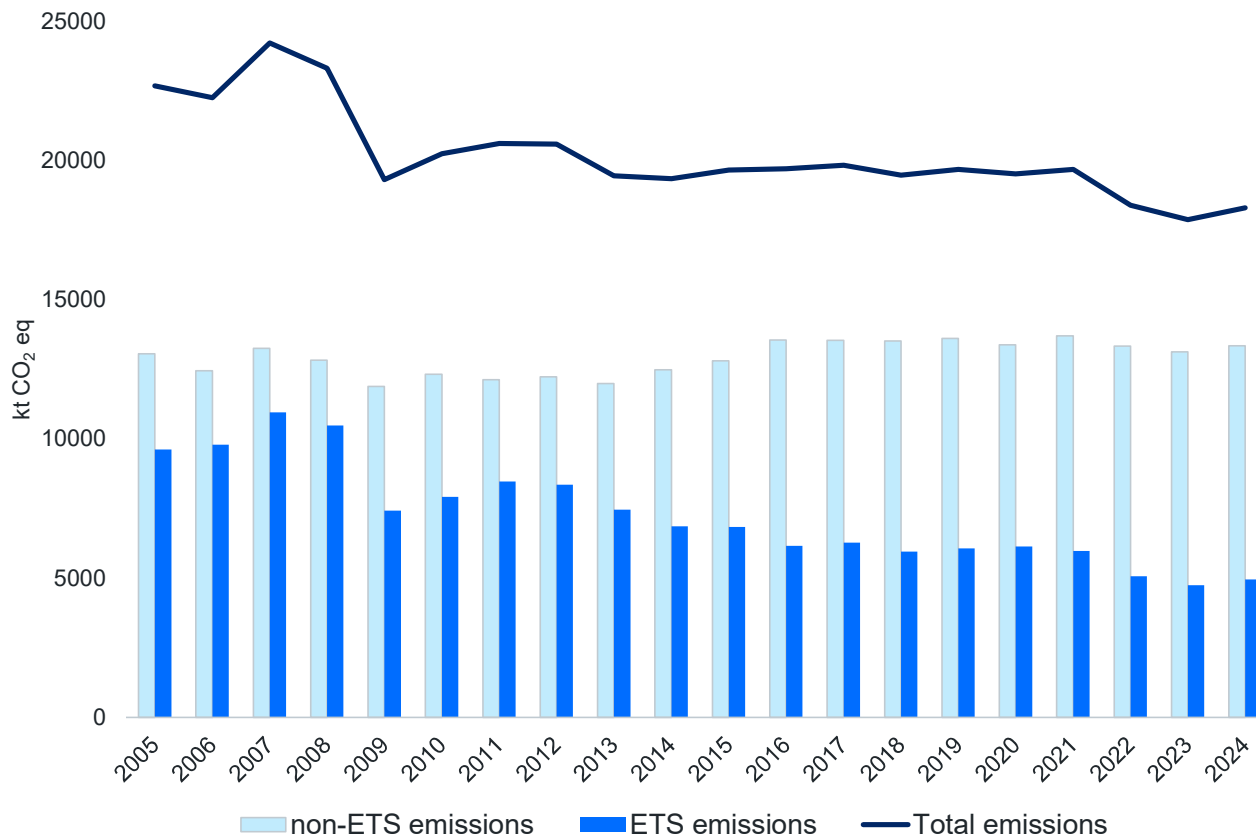
Become climate-neutral and circular in 2050



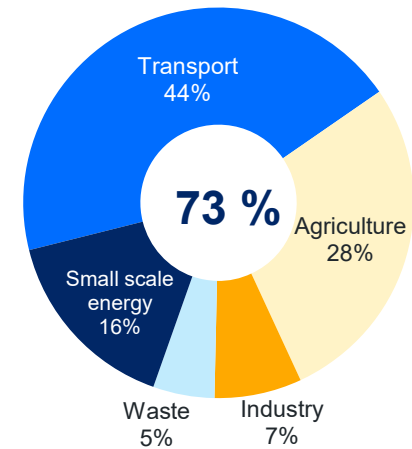
Compared to 1990, GHG emissions have decreased by 62 %



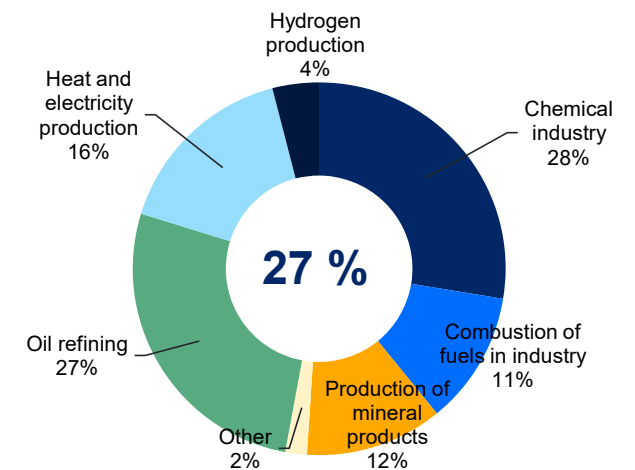
The greatest emission reductions within the EU ETS sector



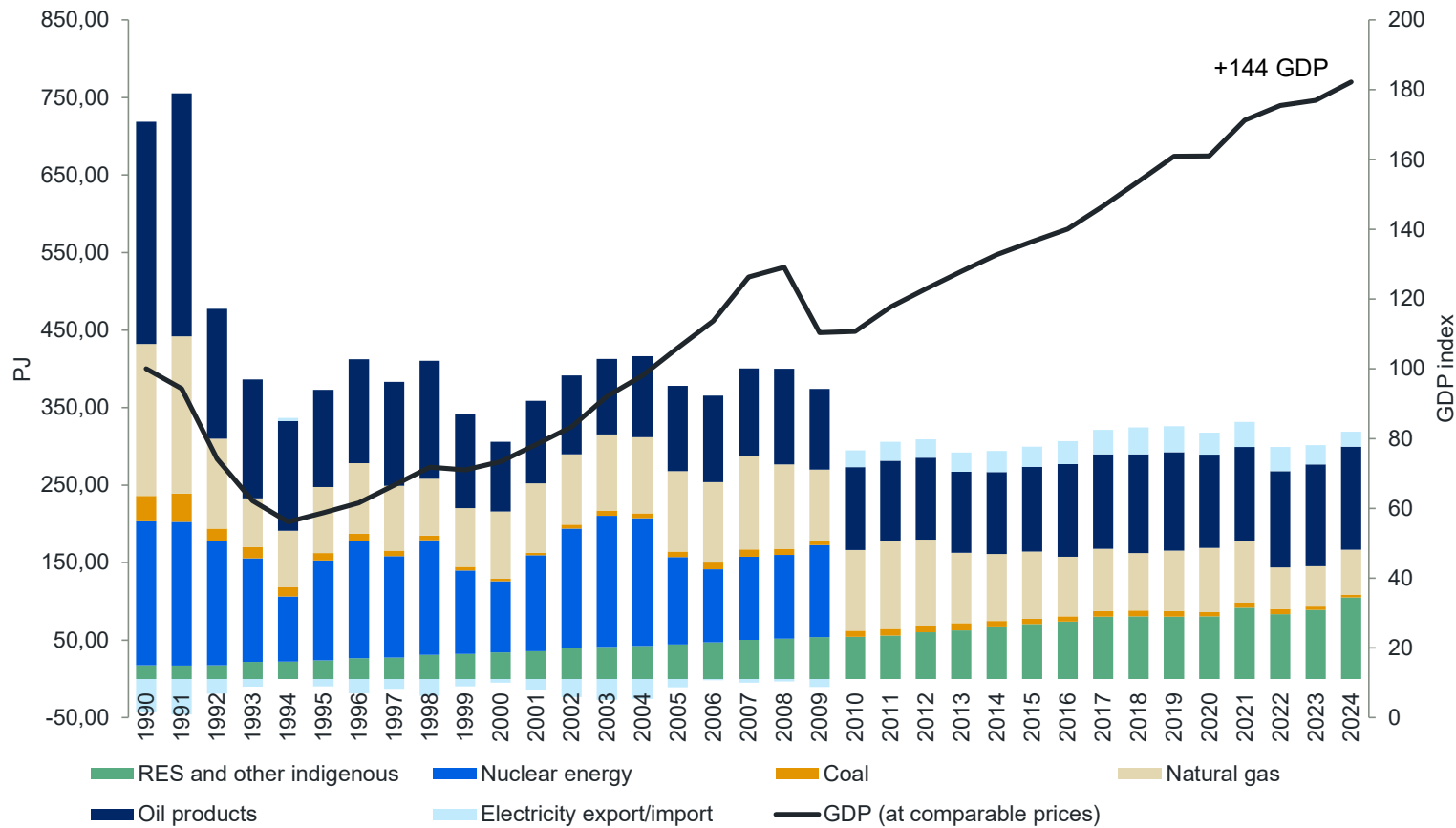
Non-ETS sector



ETS sector



Renewable energy consumption increased by 5 times



2024 vs 1990:

renewables **+497 %**
 oil products **-54 %**
 natural gas **-71 %**

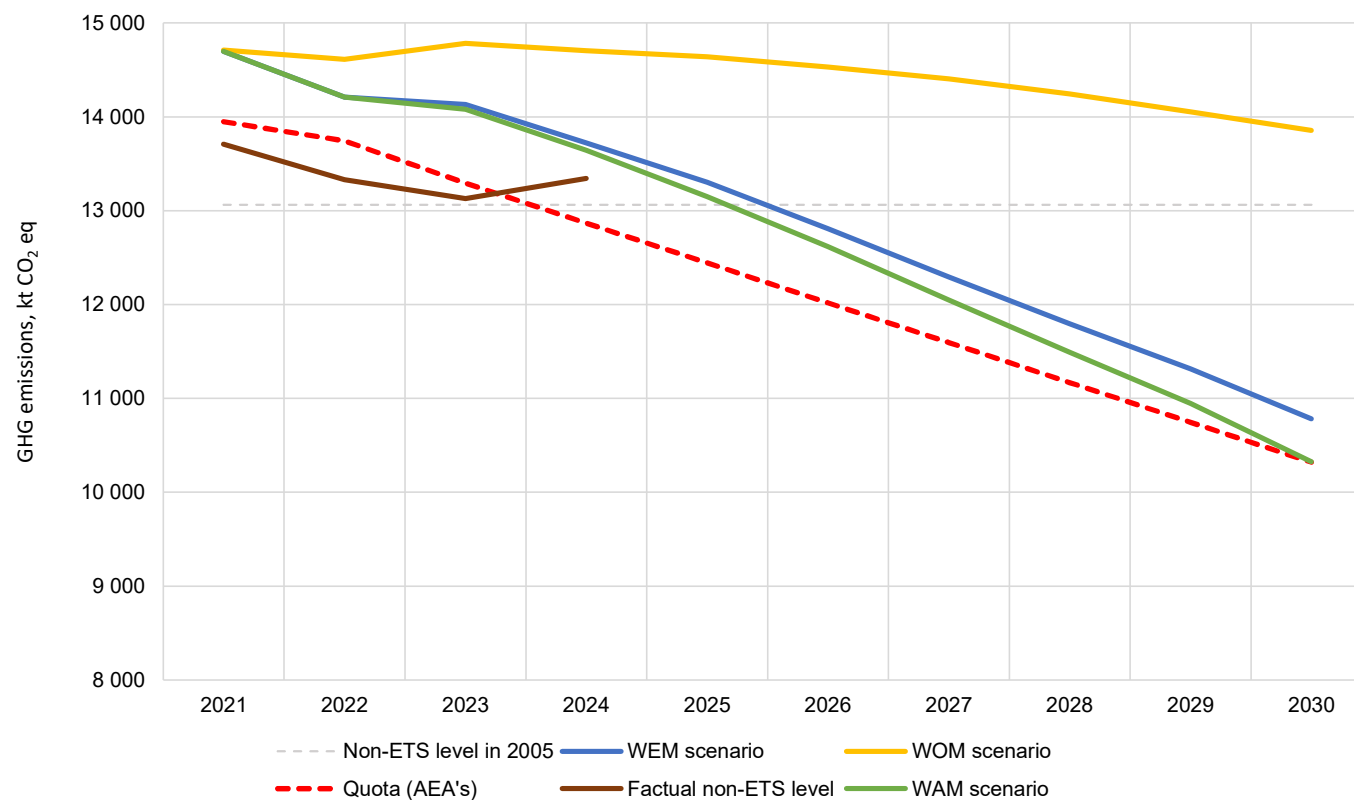


Since 2021, about **2.8 bn €** generated from EU ETS allowance auctions for decarbonisation







Funding areas, million €	
Building renovation (modernisation)	1,499
Renewable energy	181
Electricity storage capacity	150
Less polluting transport	593.6
Biomethane production and/or upgrading	49
Reducing emissions in industry	125.74
Development cooperation projects	8
Advanced agricultural technology	63
Climate-neutral municipalities	5
Enhancing the absorption capacity of GHG emissions	58.52
Soft measures	46.50



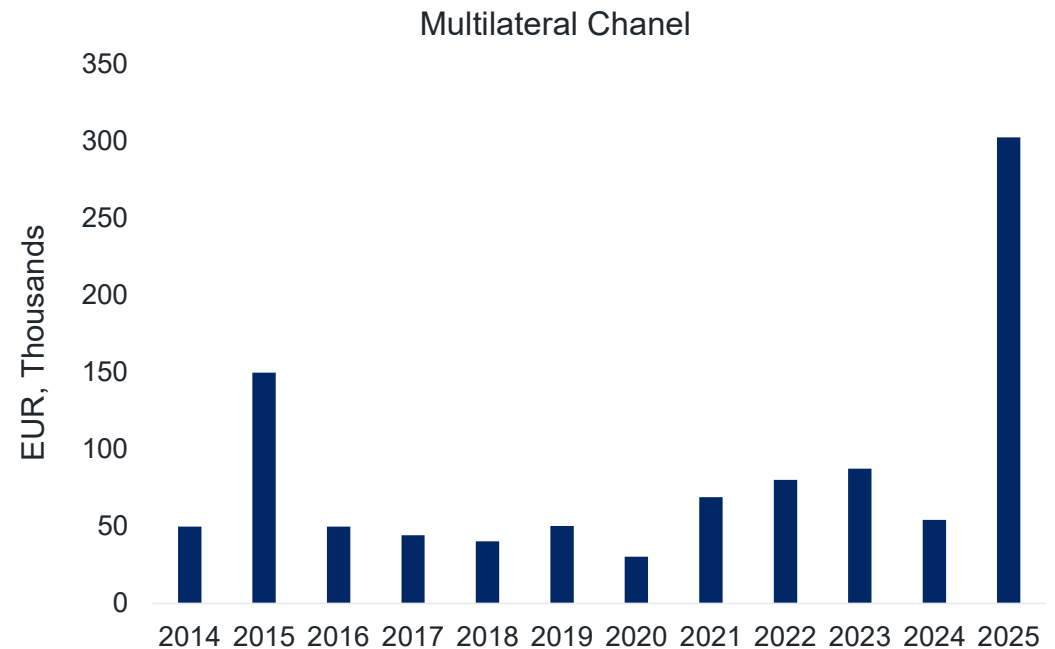
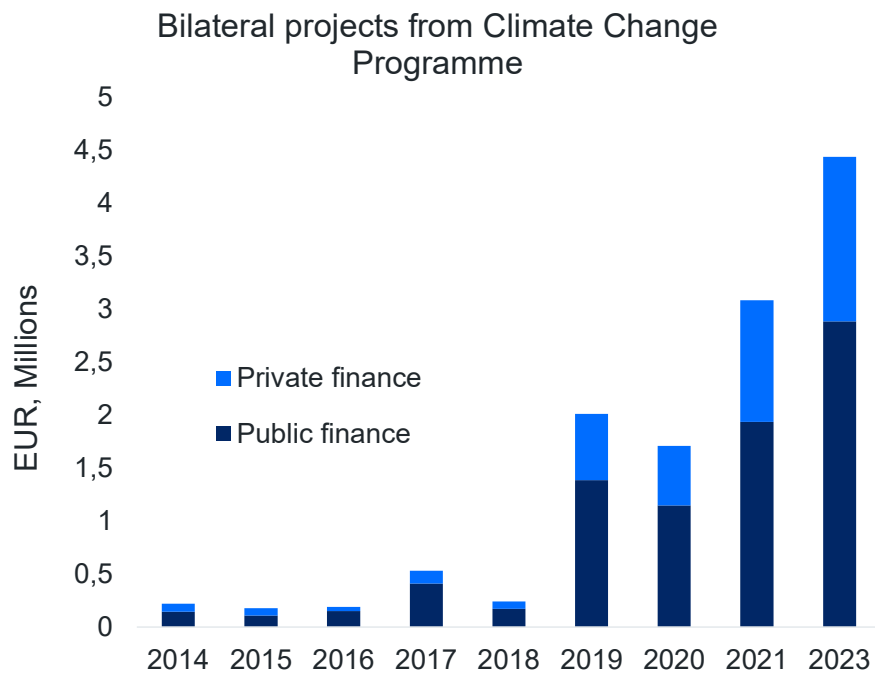
Lithuania **will reach its** GHG 2030 non-ETS **targets** with additional measures (NECP)



Key measures for reducing GHG emissions NECP 2021–2030

 Transport	 Energy	 Industry	 Agriculture	 LULUCF	 Waste
<p>Alternative fuels infrastructure & vehicles</p> <p>Sustainable mobility measures</p> <p>Excise duty & ETS2</p> <p>Subsidies for EV</p> <p>Rail electrification</p>	<p>Building renovation</p> <p>RES development</p> <p>Replacing boilers with more efficient technologies</p> <p>Biogas & biomethane scale-up</p>	<p>Alternative fuels in industry</p> <p>Energy efficiency and clean tech</p> <p>Green products and services</p> <p>F-gas reduction</p>	<p>Climate-friendly livestock farming (biogas production)</p> <p>Balanced fertilisation</p> <p>Protein crops development</p> <p>Sustainable use of public land</p> <p>No-till technologies</p>	<p>Increasing forest cover</p> <p>Promotion of crop rotation</p> <p>Promotion of cover-crops</p> <p>Peatland restoration</p>	<p>Wastewater management</p> <p>Development of waste collection equipment</p> <p>Home composting</p> <p>Circularity in public procurement</p>

Increasing Lithuania's contribution to international climate finance



Solar power plant total capacity installed: 11.6 MW

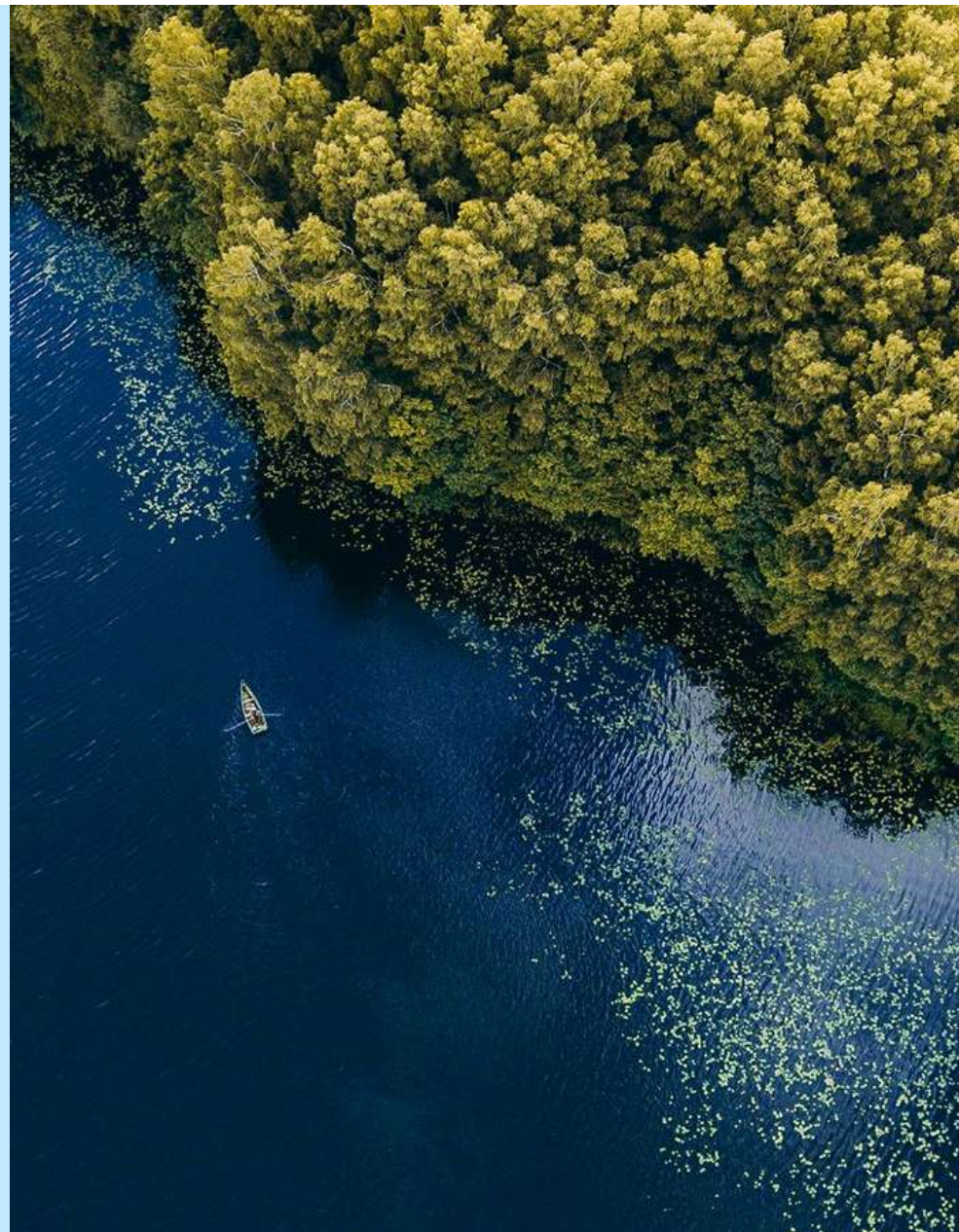


EU'S eastern partnership countries (*Armenia, Georgia, Moldova, Ukraine since 2022*)

Lithuania contributes to multilateral funds, including the Special Climate Change Fund, the World Meteorological Organization etc.

**Thank you for
your attention!**

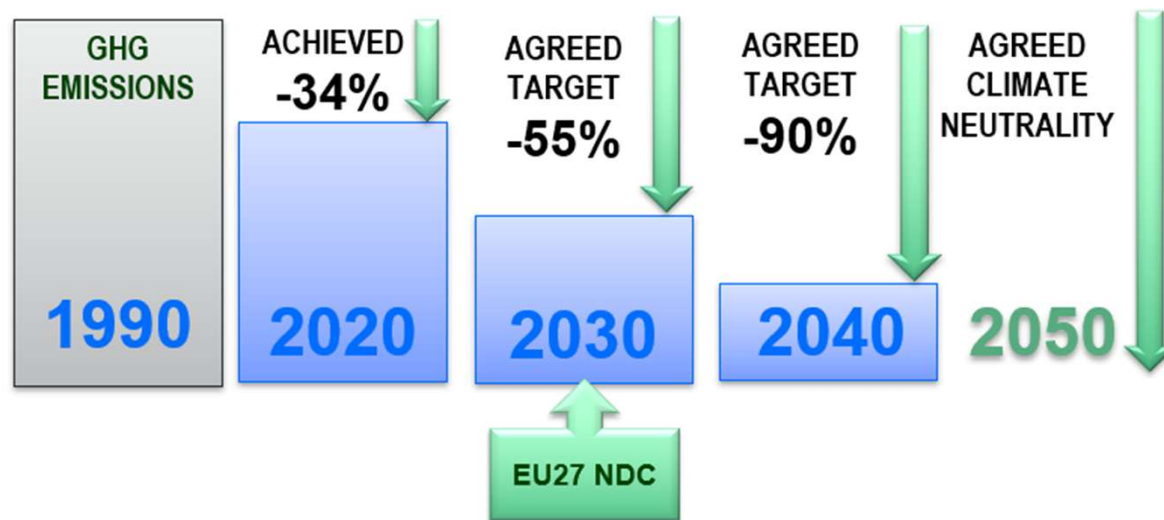
 Ministry of
Environment
Republic
of Lithuania



Lithuania is part of EU NDC

- EU's joint NDC: Economy-wide net domestic reduction $\geq 55\%$ **GHG emissions by 2030 vs.1990**
- Implementation period **2021-2030**
- **27 EU MS** including outermost regions
- Gases covered CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃

EU's pathway to Climate neutrality:



Main EU climate policy instruments:

EU ETS

Power and heat, industrial installations, aviation, maritime

-62 % by 2030 vs. 2005

EU ESR

Buildings, transport, small industry, agriculture, waste

-40 % by 2030 vs. 2005

EU LULUCF

310 Mt net carbon removals by 2030

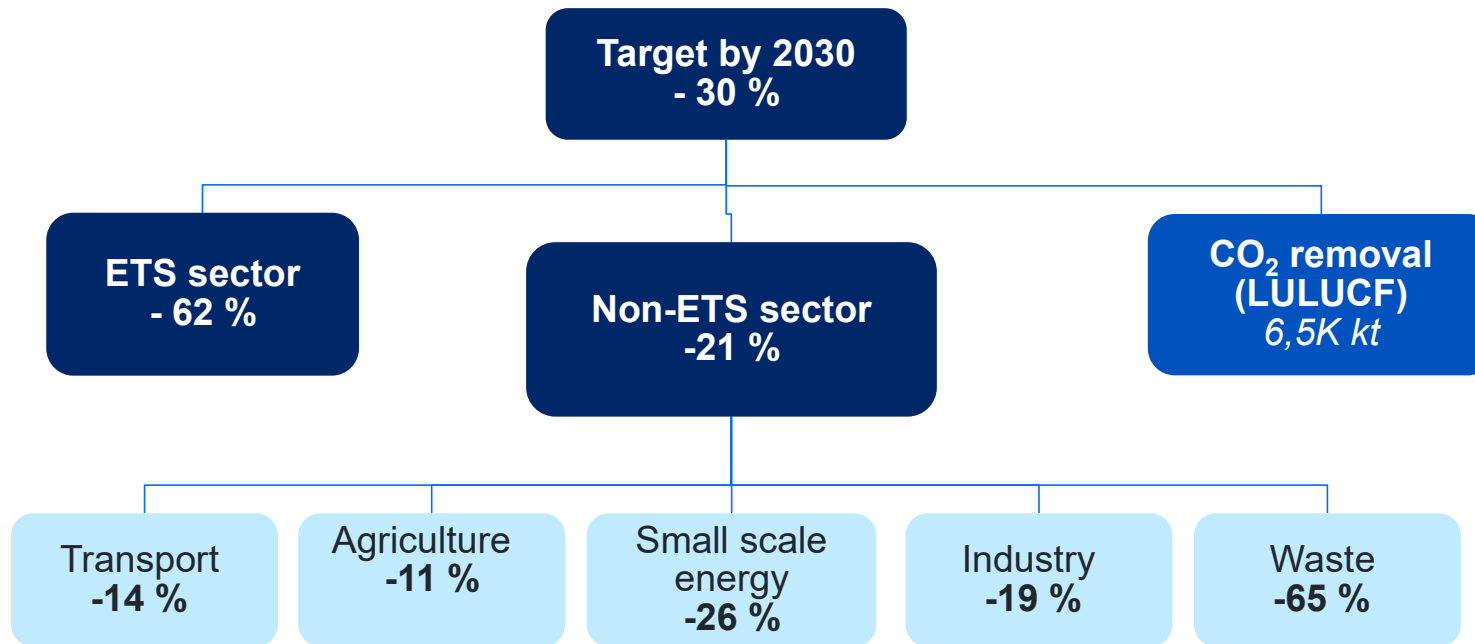
LT target: -21%



LT target: 661 kt CO₂eq removals increase

National policy framework

National Climate Change Management Agenda sets national targets



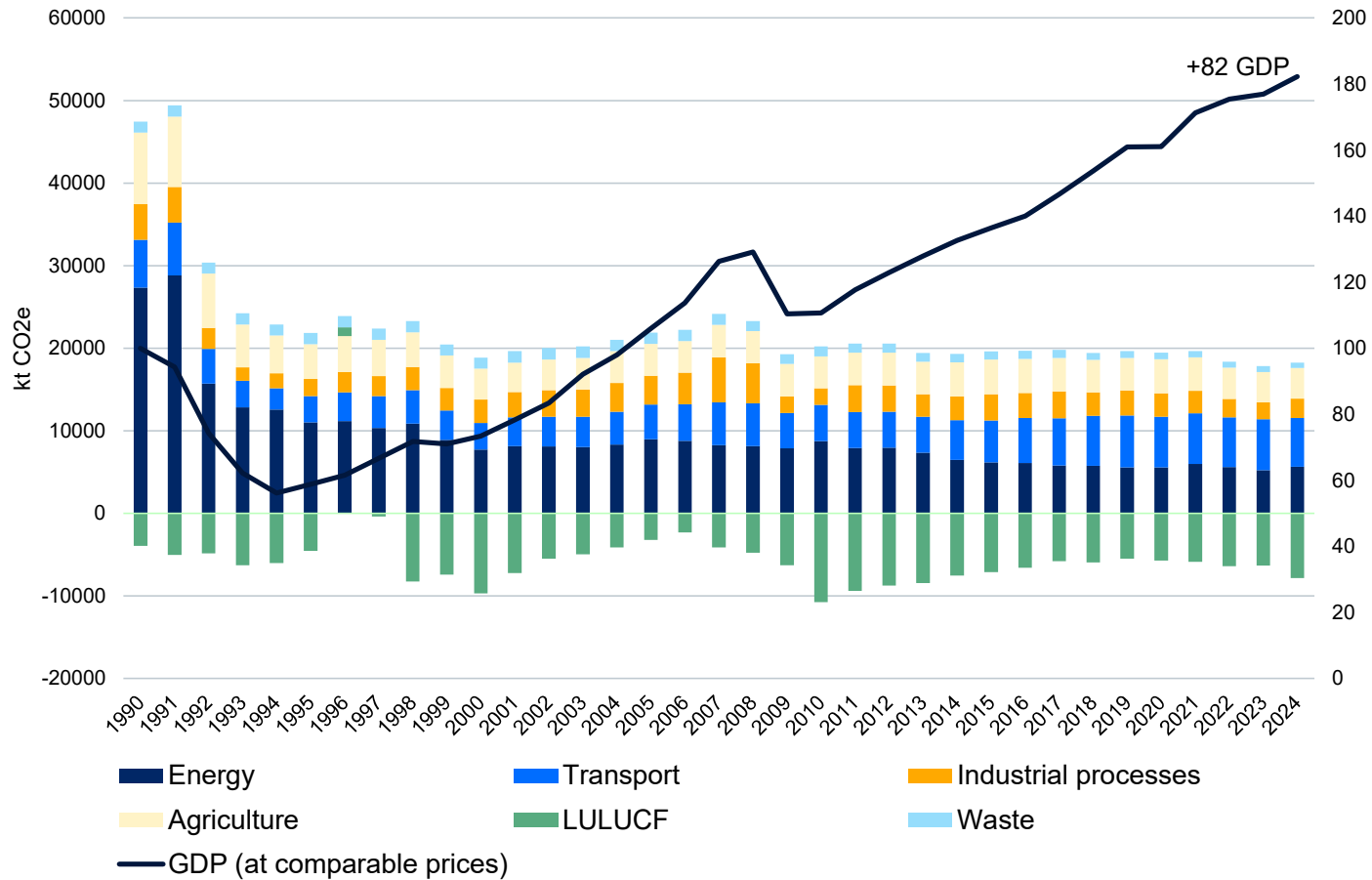
National Energy and Climate action Plan (NECP) defines cost-effective measures to achieve 2030 targets

30 % reduction in GHG emissions by 2030
(compared with 2005)

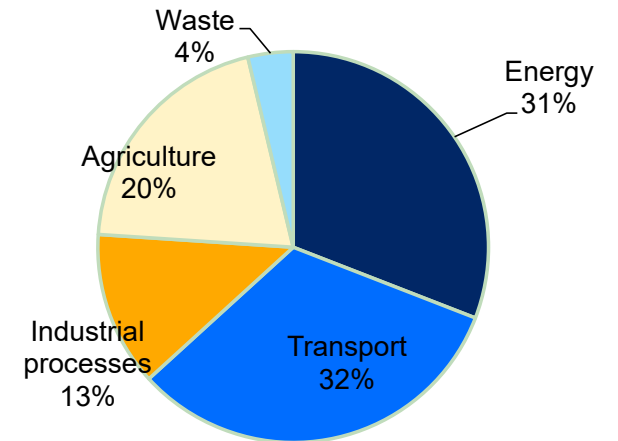


Become climate-neutral and circular in 2050

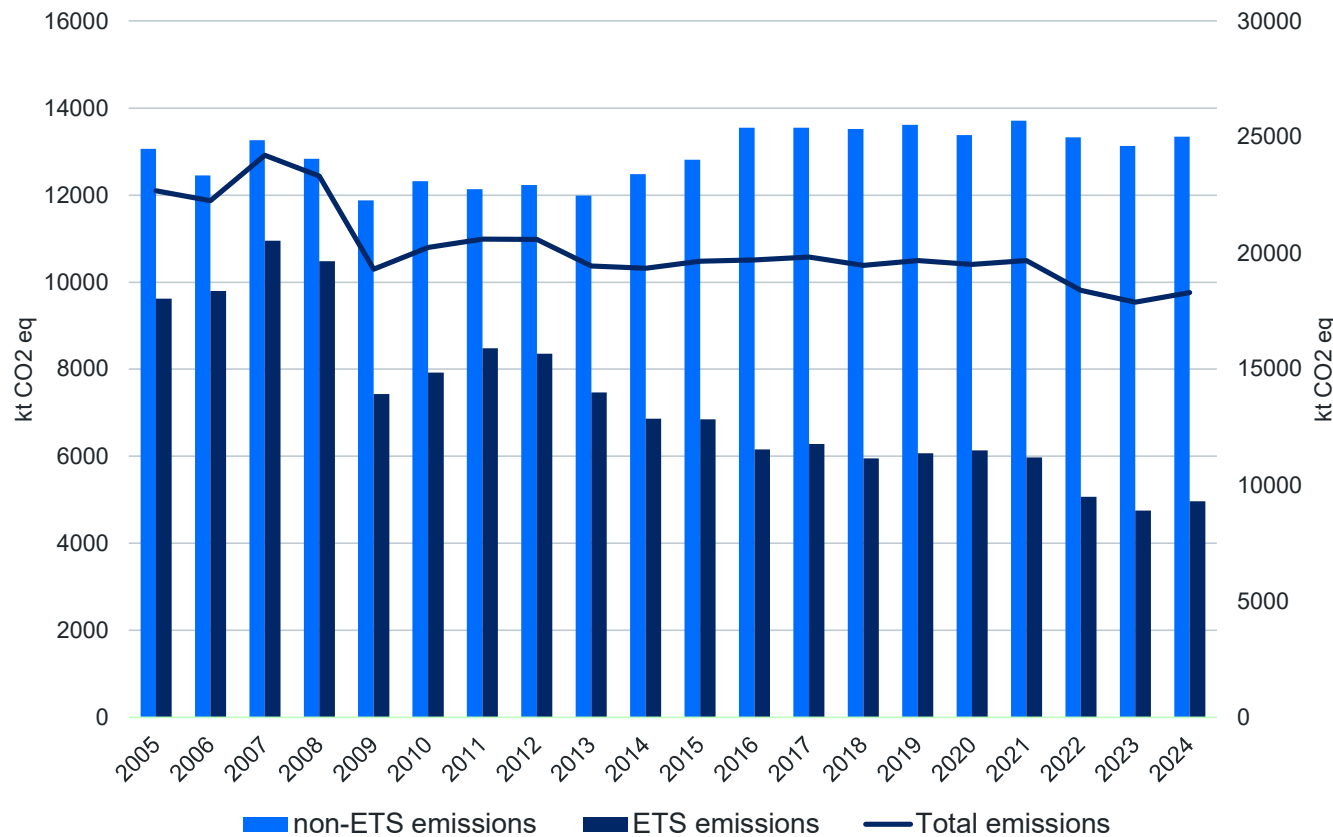
Compared to 1990 GHG emissions decreased by 62 %



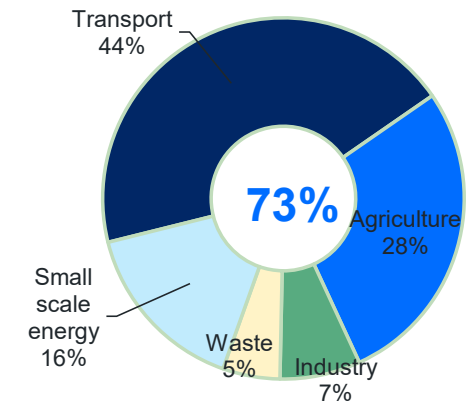
Sectors share (2024)



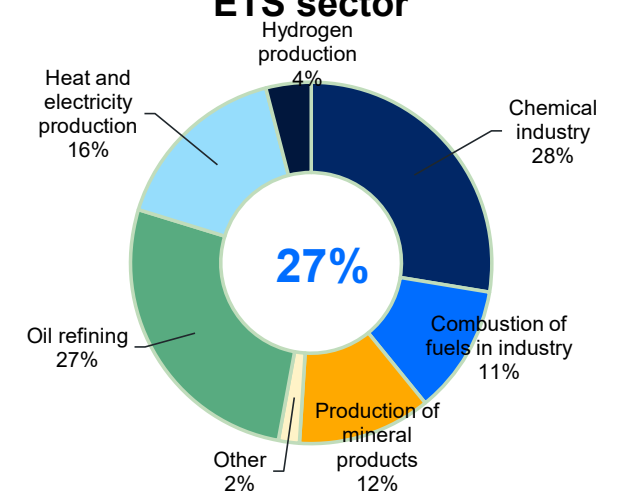
Greatest emission reductions within the EU ETS sector



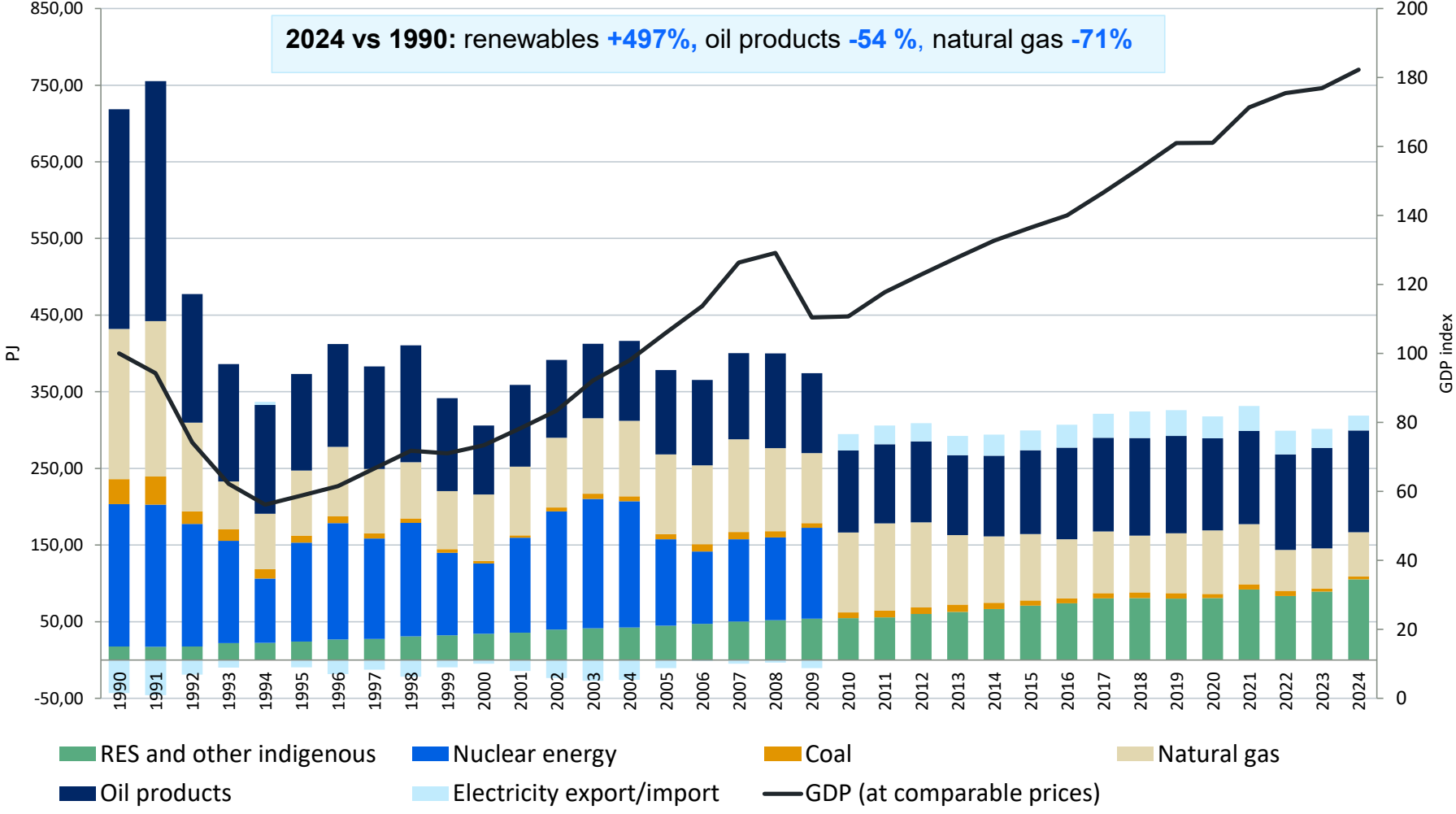
Non-ETS sector



ETS sector



Renewable energy consumption increased by 5 times





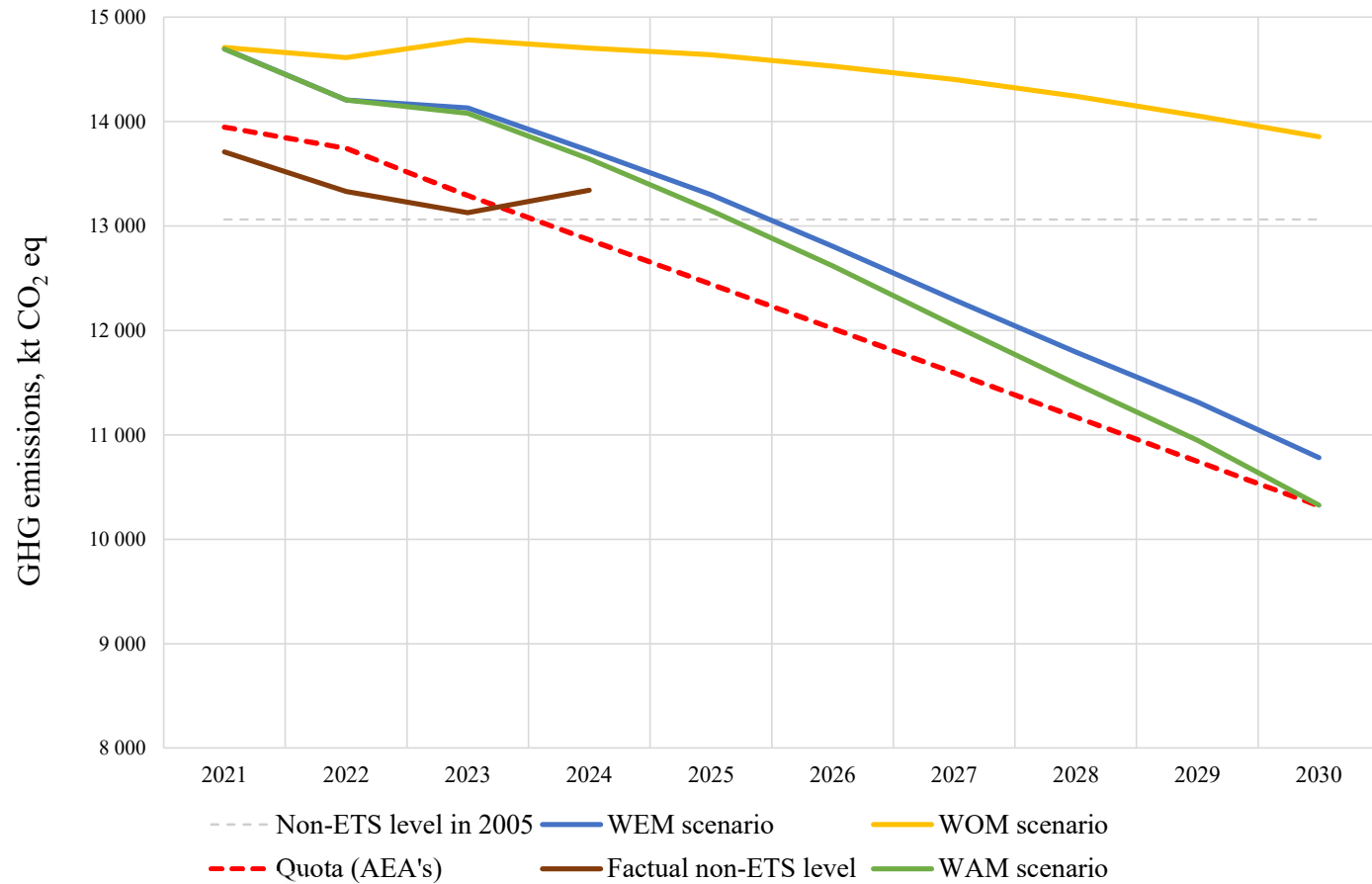
Since 2021 about **2,8 bn €** generated from EU ETS allowance auctions for decarbonisation









Funding Areas, € million

Building renovation (modernisation)	1499
Renewable energy	181
Electricity storage capacity	150
Less polluting transport	593,6
Biomethane production and/or upgrading	49
Reducing emissions in industry	125,74
Development cooperation projects	8
Advanced agricultural technology	63
Climate-neutral municipalities	5
Enhancing the absorption capacity of GHG emissions	58,52
Soft measures	46,5

Lithuania will reach its GHG 2030 non-ETS targets with additional measures (NECP)



Key measures for reducing GHG emissions NECP 2021-2030

 Transport	 Energy	 Industry	 Agriculture	 LULUCF	 Waste
<ul style="list-style-type: none"> • Alternative fuels infrastructure & vehicles • Sustainable mobility measures • Excise duty & ETS2 • Subsidies for EV • Rail electrification 	<ul style="list-style-type: none"> • Building renovation • RES development • Replacing boilers with more efficient technologies • Biogas & biomethane scale-up 	<ul style="list-style-type: none"> • Alternative fuels in industry • Energy efficiency and clean tech • Green products and services • F-gas reduction 	<ul style="list-style-type: none"> • Climate-friendly livestock farming (biogas production) • Balanced fertilisation • Protein crops development • Sustainable use of public land • No-till technologies 	<ul style="list-style-type: none"> • Increasing forest cover • Promotion of crop rotation • Promotion of cover-crops • Peatland restoration 	<ul style="list-style-type: none"> • Wastewater management • Development of waste collection equipment • Home composting • Circularity in public procurement



THANK YOU!