

Climate policy: Ukraine

Vienna, 2018



CLIMATE POLICY



Strategic level:



United Nations Framework on Climate Change (UNFCCC)



Paris Agreement



The Concept for the implementation of the state policy in the field of climate change for the period up to 2030



Action Plan on Concept implementation



CLIMATE POLICY – Concept



The Concept for the implementation of the state policy in the field of climate change for the period up to 2030

- ✓ The Concept for the implementation of the state policy in the field of climate change for the period up to 2030 and the Action Plan on Concept implementation have been developed and approved
- ✓ The Concept is the first holistic policy document in the area
- ✓ Key implementation streams of the Concept are the following:
 - ❖ Strengthening institutional capacity
 - ❖ Climate change mitigation through reduction of GHG emissions and transition to the low emission development
 - ❖ Adaptation to climate change, increase of resistance and reduction of climate related risks



CLIMATE POLICY – Action Plan till 2030



- Adopted – December, 2017
- 49 measures (33 on mitigation and 16 on adaptation)

- Main measures
 - Draft Law of Ukraine “On Ozone Depleting Substances and Fluorinated Greenhouse Gasses” (April 2018)
 - Draft Law of Ukraine “On Monitoring, Reporting and Verification of GHG emissions” (June 2018)
 - **Strategy on Low Emission Development of Ukraine up to 2050 has been developed (2018)**
 - NDC (2020 + every 5 years)
 - **Comprehensive 2021-2030 National Energy and Climate Change Plan (2020)**



Energy Strategy till 2035 (adopted – August 2017)

		2015 p.	2020 p.	2025 p.	2030 p.	2035 p.
Energy intensity, GDP per capita, consumption tons(thousands USD)	Aim	0,24	0,20	0,18	0,15	0,13
The share of losses in power grids, %	Aim	>12%	10%	9%	8%	<7,5%
The share of losses in heating networks, %	Aim	>20%	<17%	<13%	<11%	<10%
Renewables, consumption (including hydropower and termal), %	Aim	4%	8%	12%	17%	25%
Share of renewables, generation (including hydropower), %	Aim	5%	7%	10%	>13%	>25%
CO₂ emissions, base of 1990 level	Restrains	-	<60%	<60%	<60%	<50%



Low emission strategy of Ukraine 2050



Objectives

- **Objective I.** Transition to energy system which envisage the use of energy sources with low carbon content, development of the sources of clean electricity and heat energy, increase in energy efficiency and energy saving in all sectors of economy and housing and utilities infrastructure facilities, stimulation of the use of alternative fuels and transition of cargo and passenger transport carrying operations to more environmentally clean types of transport.
- **Objective II.** Increase in the volumes of carbon absorption and uptake with the help of best climate change mitigation practices in agriculture and forestry.
- **Objective III.** Reduction in GHG emissions such as methane gas and nitrogen oxide predominantly associated with fossil fuel production, agriculture and waste.

**The indicative GHG emissions target of 31-34% by 2050, compare to 1990 level.
Review every 5 year**

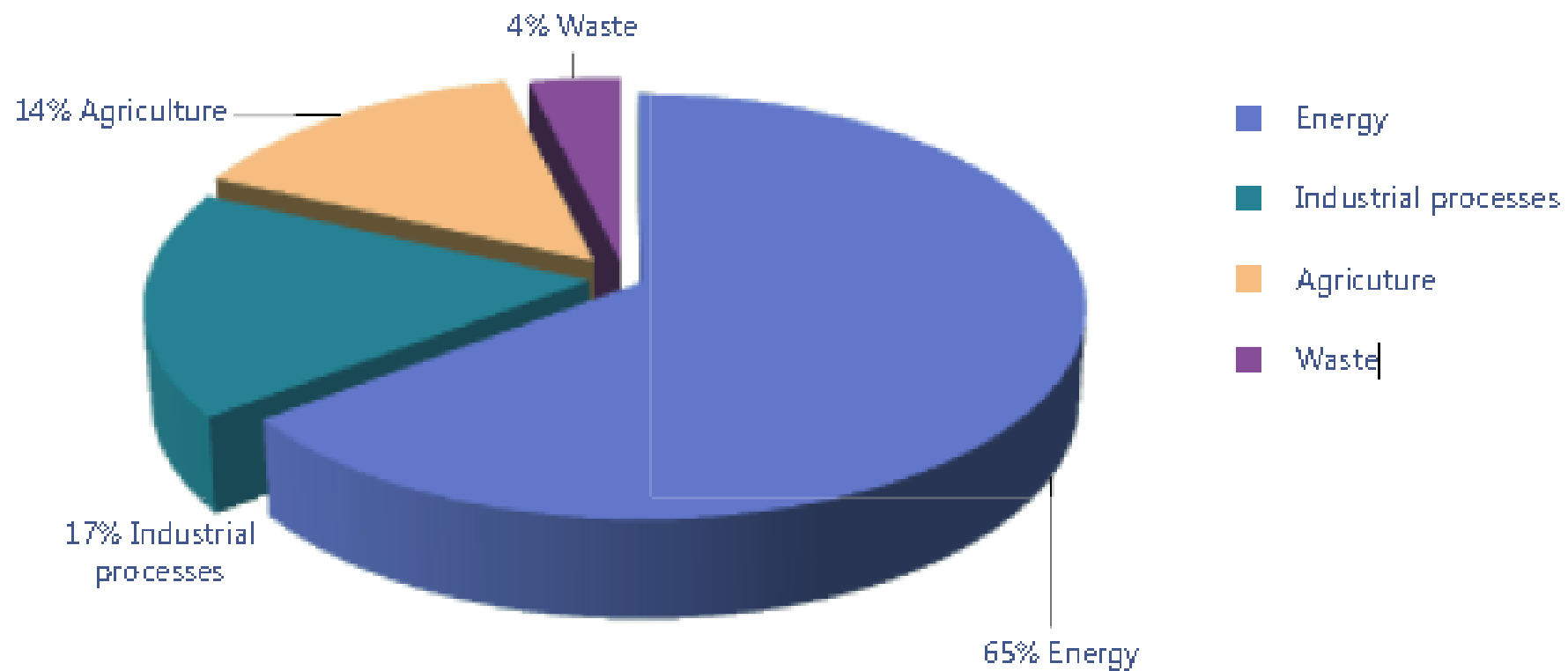
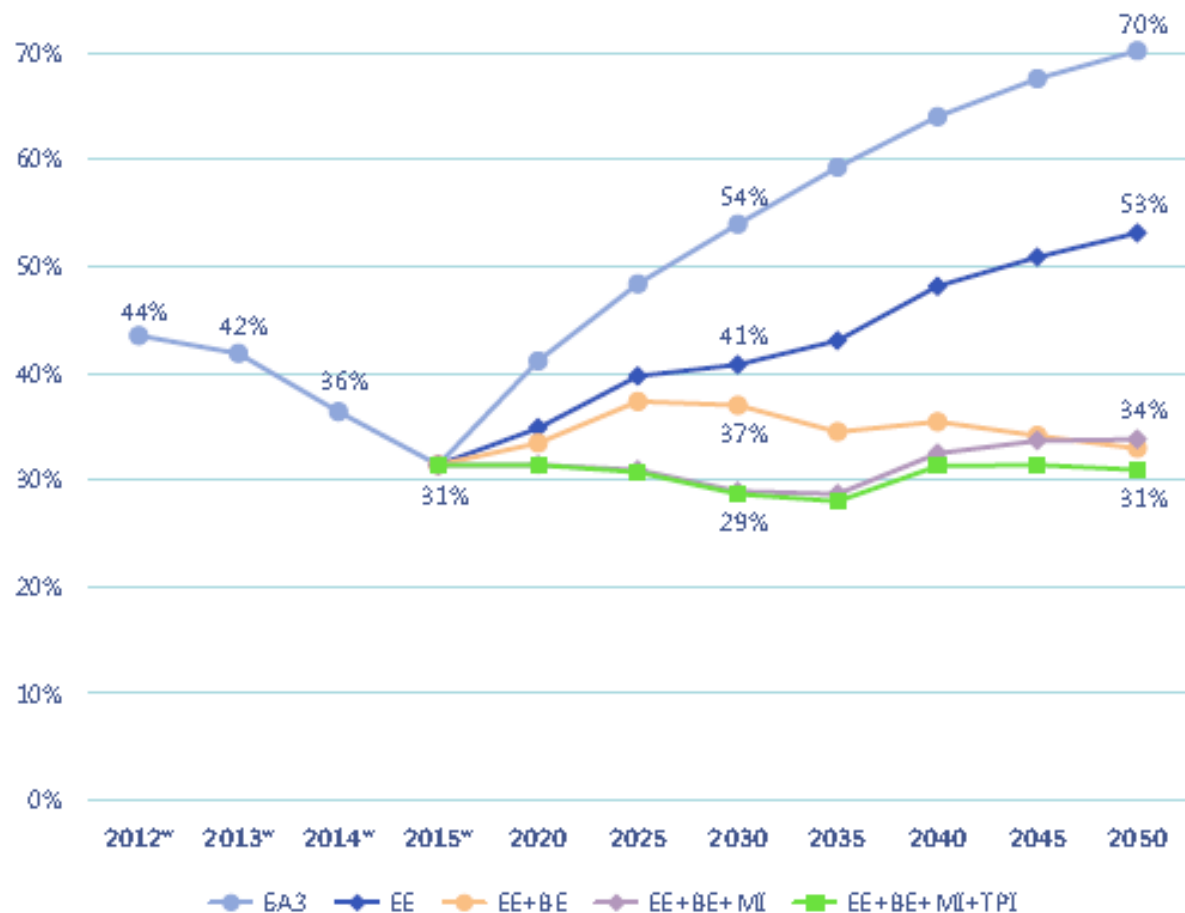


Figure 2.3 **Structure of GHG emissions by sector in 2015 (without LULUCF)**



Low emission strategy of Ukraine 2050

Share of GHG emissions in «Energy» and «Industrial processes» compared to 1990



Signe and symbols:

BA3 – Baseline scenario;

EE – «Energy efficiency» scenario;

EE+BE – «Energy efficiency and renewable energy»;

EE+BE+MI – «Energy efficiency and renewable energy, modernization and innovation»;

EE+BE+MI+TPI – scenario «Energy efficiency and renewable energy, modernization and innovation, market transformation and institutions».

THANK YOU FOR YOUR ATTENTION!



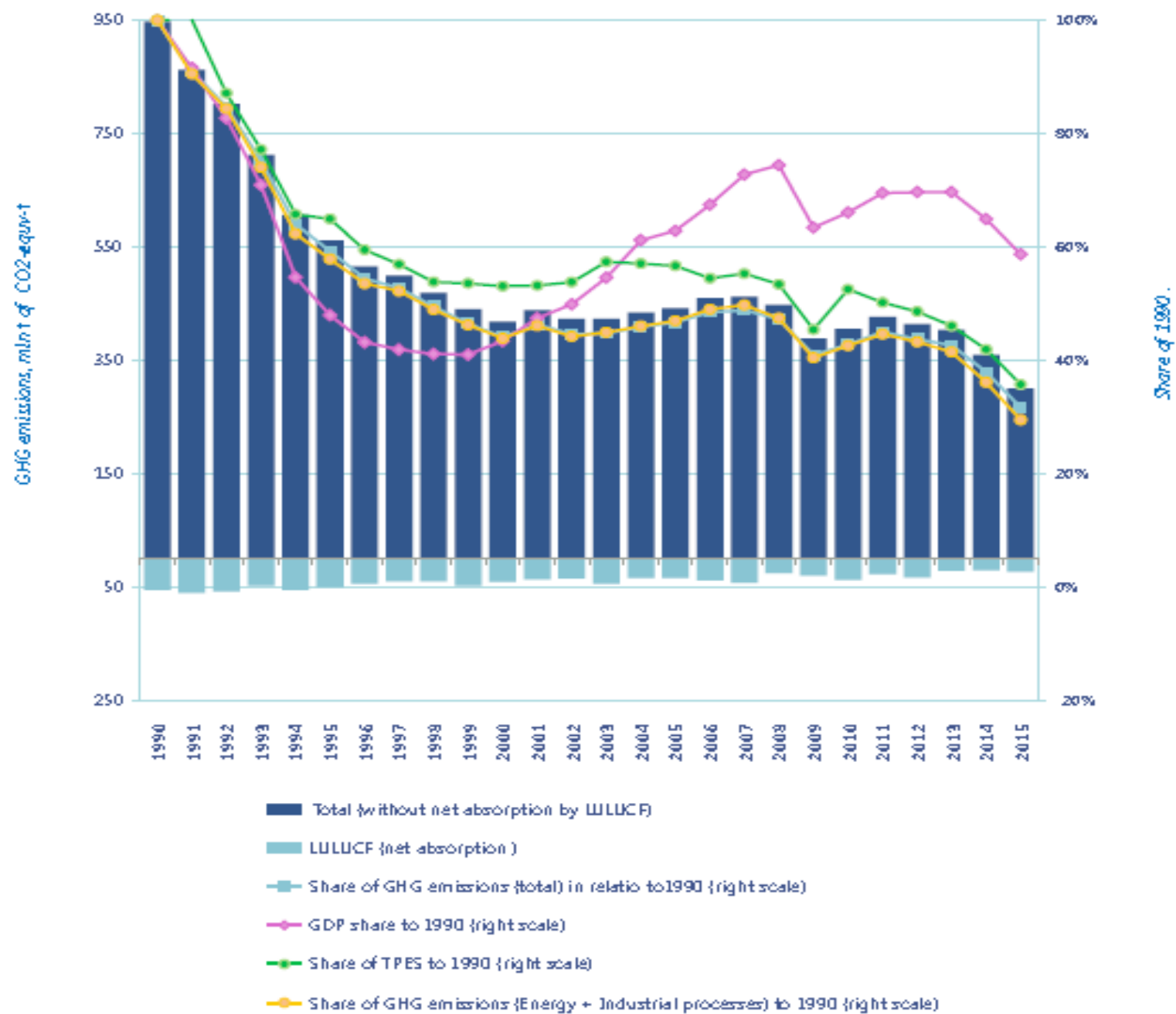


Figure 2.1. Ukraine's economic, energy and climate performance over 1990-2015.

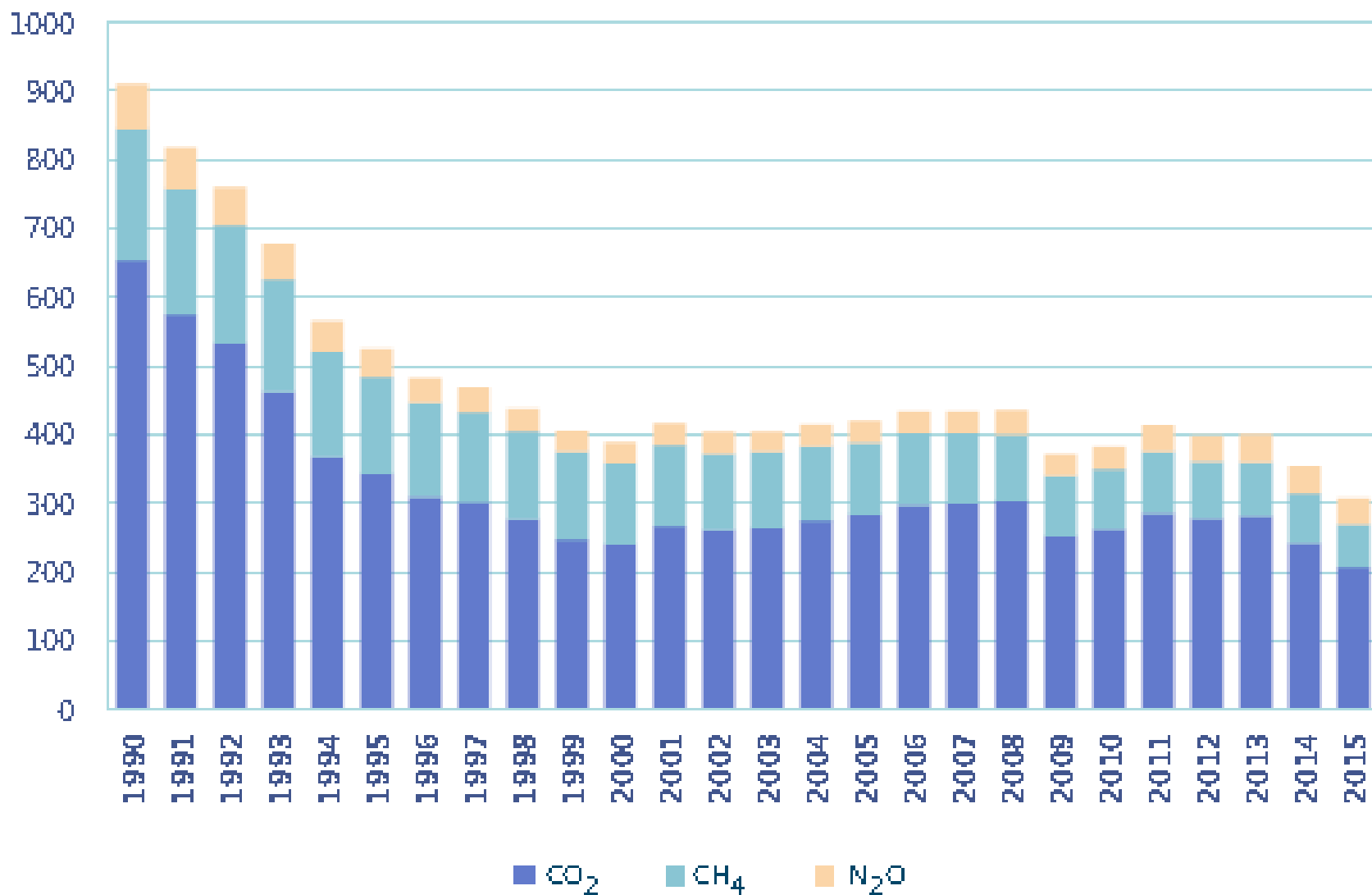


Figure 2.2 GHG emissions over 1990-2015, million tons



PLANS:

- Approval of the Strategy of Low Emission Development by 2050
- Adoption of the Law of Ukraine "On Ozone Depleting Substances and Fluorinated Greenhouse Gases" and the Law of Ukraine "On Monitoring Systems, Reporting and Verification of GHG Emissions". Approval of secondary legislation
- Investment projects for the implementation of ozone and climate protection technologies
- Preparation of the 7th National Climate Change Report and the Joint 2nd and 3rd Biennial Report in accordance with Ukraine's international commitments under the UNFCCC and the Kyoto Protocol
- Development and implementation of national adaptation strategy and integrated energy and climate plan
- Support in development of local adaptation plans provided to municipalities
- Strengthening the national system for greenhouse gas emissions absorption and removals from land use, land-use change and forestry
- Review, update and implementation at the sectoral level of the nationally-defined contribution (NDC) of Ukraine to the Paris Agreement
- Creation of a single registry of controlled substances (ozone-depleting substances and fluorinated greenhouse gases)
- Estimation of current and future levels of HFC consumption
- Preparation of a strategy to reduce the use of hydrofluorocarbons in accordance with the Kigali amendment to the Montreal Protocol
- Development of a financial and economic justification for the ratification of the Kigali amendment to the Montreal Protocol
- Ratification on the Kigali amendment to Montreal Protocol