Ministry
of Environmental Protection
and Natural Resources
of Ukraine

Mainstreaming Climate Policy in Ukraine

30 November 2021

EU4Climate EU4CLimate Webinar on developing climate change mainstreaming policies in EaP region

1. CLIMATE POLICY

MAIN PRIORITIES

Ministry of Environmental Protection and Natural Resources of Ukraine

NDC is approved in July 2021
Target - reduction of 65 % in GHG emissions by 2030 compared to 1990

Development of the Road Map or action plan on NDC implementation and effective system for monitoring of NDC implementation

Development of the policy proposals on means of implementation, such as creation of National climate fund or reform of environmental finances

ОНОВЛЕНІ КЛІМАТИЧНІ ЦІЛІ УКРАЇНИ

-65%

від 1990 до 2030

- Ресурсоефективне сільське господарство
- Чистий транспорт
- Збереження біорізноманіття
- Енергоефективність будівель та комунальної інфраструктури
- Модернізація промисловості
- Чиста та низьковуглецева енергетика
- Стале управління лісовим фондом
- Реформа управління відходами

- Архітектура кліматичного врядування
- Реформа екологічних фінансів
- Розвиток науки та технологій

Climate Architecture

Міністерство захисту довкілля та природних ресурсів України

Roadmap of key transformations and measures

Financial strategy on NDC implementation

Coordination and monitoring

Development of framework law

KEY TRANSFORMATIONS

Міністерство захисту довкілля та природних ресурсів України

ELECTRICITY AND HEATING

- RES development in power generation
- RES development in the heat supply system
- Integration of the integrated Power System of Ukraine into the energy system of continental Europe (ENTSO-E)
- Ensuring the proper functioning of the electricity market
- Construction of new balancing facilities in the power industry
- Implementation of the National Emission Reduction Plan for large combustion plants
- Introduction of innovation approaches to regulation of the demand in the power industry
- Phasing out coal mining and use, fair transformation of coal-mining areas
- Development of hydrogen energy
- Energy efficiency at the stage of energy generation

ENERGY SUPPLY

- Reduction of energy transportation losses
- Introduction of technologies to prevent and reduce leaks in extraction, processing and transportation of natural gas and oil
- Modernisation of heat supply systems

INDUSTRY

- Reduction of specific energy consumption and greenhouse gas emissions per unit of output
- Reduction of consumption and phasing out ozone-depleting substances and fluorinated greenhouse gases

TRANSPORT

- Increasing the share of private and public electric transport
- Increasing the share of rail and water transport
- Development of sustainable urban and interurban transport infrastructure

KEY TRANSFORMATIONS

Міністерство захисту довкілля та природних ресурсів України

BUILDINGS

- Thermal modernisation of residential buildings
- Thermal modernisation of budget-financed and municipal buildings
- Tightening the regulations for new buildings in the context of energy consumption and RES
- Introduction of accounting for the use of thermal energy, hot water and gas

AGRICULTURE

- Development of organic production
- Development of biogas production
- Promotion of resource-saving land cultivation technologies
- Withdrawal and revitalization of degraded arable lands

WASTE

- Development of infrastructure for the implementation of the waste management hierarchy
- Development of energy production from landfill gas
- Development of energy production from wastewater treatment systems

LAND USE, LAND USE CHANGE AND FORESTRY

- Increasing the area of the forest reserves
- Transition to sustainable forest management

CROSS-SECTORAL MATTERS

- Development of financial and economic instruments to stimulate the implementation of decarbonisation measures:
- Development of a system to monitor and report on greenhouse gas emissions, climate policy and finance
- Development of science, research and technologies in the area of low carbon development

INFORMATION TO BE INCLUDED

Міністерство захисту довкілля та природних ресурсів України

KEY TRANSFORMATIONS

Brief Description

General information on the key transformation

Strategic documents

Documents available

Documents to be updated

New documents needed

Main barriers for implementation

main barriers that prevent the transformation from being implemented

Detailed action plan

Activities, timelines, responsible agencies, detailed financial planning

Finance

cost of the transformation

available budget programs for 2021-2024;

available investment programs with IFIs

Information on the mechanisms available

EU4Climate support

Міністерство захисту довкілля та природних ресурсів України

- **NDC Implementation:**
- NDC Roadmap and Implementation Plan by 2030
- NDC Financial Strategy and Investment Plan by 2030;
- NDC Institutional Reform
- **Climate architecture**
- **Architecture of Climate Governance Concept**
- **Climate mainstreaming**
- Strategic Environmental Assessment of the National Energy and Climate Plan
- National Cycling Development Strategy + Action Plan
- Micromobility Policy
- Transport Ecolabelling (planned)
- Use of alternative fuels for aviation and waterborne transport (ongoing)
- Low carbon transport strategy of Ukraine by 2030 (planned)
- **Climate adaptation planning, including in energy and transport**

CLIMATE CHANGE ADAPTATION:

CURRENT ACTIVITIES AND PARTNERS

Ministry of Environmental Protection and Natural Resources of Ukraine

Environmental Security and Climate Change Adaptation Strategy of Ukraine till 2030, approved on 20 October + Operational Plan by 2024

EU4Climate

Scientific research of climate projections for Ukraine for 2030 and 2050 and 2100 as well as estimates of biophysical and economical impacts of climate change on the agricultural sector, forests, population and labor force

World Bank

Development of the regional climate change adaptation strategies and action plans for 3 regions of Ukraine

EU funded

FUTURE NEEDS

Ministry of Environmental Protection and Natural Resources of Ukraine

NEEDS:

01 Vulnerability assessments of different economy sectors to climate change with field works

02 Development of regional climate change adaptation strategies and action plans

03 Implementation of the Directive on the assessment and management of flood risks (Directive 2007/60 / EU on the assessment and management of flood risks) and other sectoral needs, e.g. prevention of landscape forest fires.

Міністерство
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України

ДЯКУЄМО ЗА УВАГУ!