

ROADMAP CLIMATE GOALS FOR UKRAINE 2030

A PROPOSAL FROM THE UKRAINIAN CIVIL SOCIETY

As part of the revision of the national climate goal, the public has developed positions for various sectors that are realistic and ambitious for Ukraine and will lead to a reduction in greenhouse gas emissions in each of them.

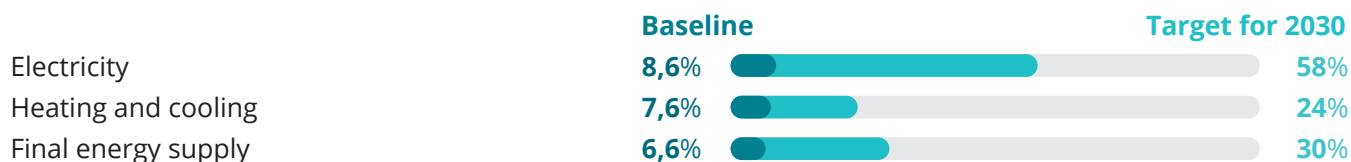


PRODUCTION AND CONSUMPTION OF ENERGY



GOAL 1

Increase the proportion of renewable energy sources in the energy balance of Ukraine



GOAL 2

Reduction coal generated electricity



No more than 11 billion kWh, CO₂ emissions from coal-fired power plants reduced to 12-13 million tonnes



GOAL 3

Minimize coal extraction

Baseline
69 mines (2018)

Target for 2030

Coal is produced only at those mines that provide fuel for the residual/reserve TPPs for the transition period after 2030; all other state and private mines are closed



GOAL 4

Reduction the proportion of electricity production at nuclear power plants





GOAL 5

Reduction energy and carbon intensity of the economy

Primary energy consumption
(toe/USD1000 2010 GDP (PPP))

Target for 2030

0,15-0,16

Baseline

0,29-0,29

Final energy consumption
(toe/USD1000 2010 GDP (PPP))

0,09

0,15

Carbon intensity
(τ CO₂equivalent /USD1000 2010 GDP (PPP))

0,4

0,82



HOUSING SECTOR



GOAL 1

Reduction residential energy consumption

Specific energy consumption
(kWh/m²)

Target for 2030

120

Baseline

194



GOAL 2

Improving the energy efficiency of buildings

Funds aimed at improving the energy efficiency of buildings (billion UAH)

Baseline

2

Target for 2030

40

Proportion of thermo-modernized buildings (%)

20%

30%



GOAL 3

Introduction efficient heat supply systems

Energy losses in heat supply (%)

Target for 2030

5,6%

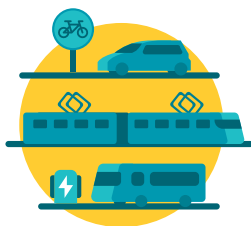
Baseline

18%

Specific primary energy consumption per unit of energy delivered (kWh/Gcal)

0,08

0,16



TRANSPORT



GOAL 1

Increase the share of public transport and micromobility in cities

The share of private motorized transport use

Baseline

25%

Target for 2030

10%

The share of public transport use

45%

45%

The share of bicycle use

1%

15%

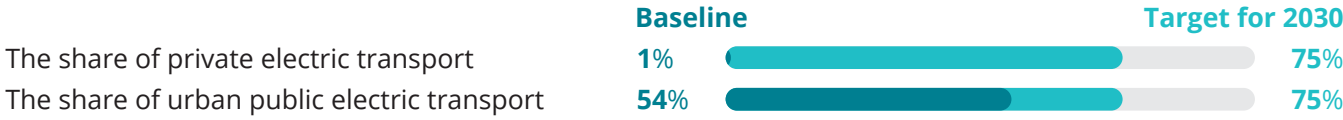
Major roads in cities safe for cyclists

5%

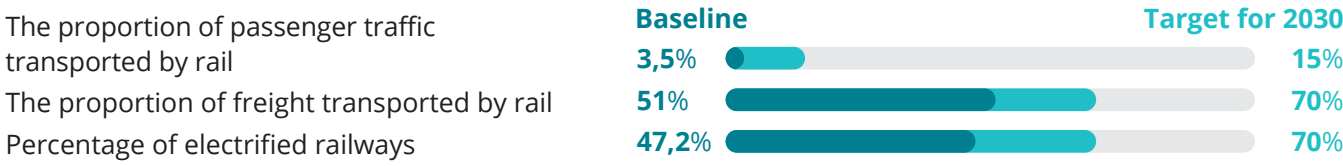
70%



 **GOAL 2** Increase the share of electric transport



 **GOAL 3** Increase the share of rail transportation



WASTE

 **GOAL 1** Increase the amount of recycled resource components and dispose of mixed household waste



Under more ambitious efforts applied, a percentage of recycling can reach **25%**

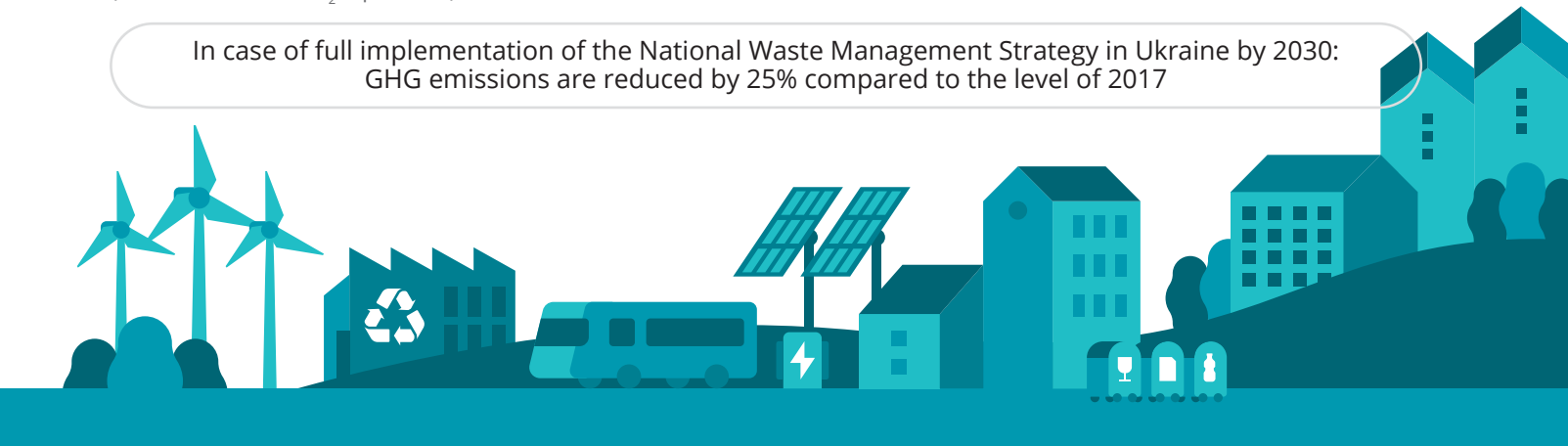
 **GOAL 2** Reduction municipal solid waste disposal



 **GOAL 3** Reduction greenhouse gas emissions from landfills



In case of full implementation of the National Waste Management Strategy in Ukraine by 2030: GHG emissions are reduced by 25% compared to the level of 2017





AGRICULTURE AND FORESTRY, LAND USE



GOAL 1

Increase forest carbon sink and carbon sequestration

Greenhouse gas emission/sink by forests
(million tonnes of CO₂ equivalent/year)

Baseline

51

Target for 2030

75,6



GOAL 2

Reduction peat production and to recover peatlands

Peat production (thousand tons/year)

Target for 2030

54

Baseline

539



GOAL 3

Reduction emissions from agricultural land use

Baseline

Unplowed pastures and hayfields (steppes)
in 2017 absorbed **0.4** million tonnes
of CO₂ equivalent, in 1990 – **0.9**

Target for 2030

Zero emissions from land use
(emissions are offset by absorption)



GOAL 4

Reduction livestock greenhouse gas emissions

Baseline

Livestock emissions constitute
10.5 million tonnes of CO₂ equivalent

Target for 2030

Livestock emissions do not rise
from 2017 level

RECOMMENDATIONS TO THE GOVERNMENT

Integrate this document into national sector plans and strategies, which should occur during the development and review process of these national plans. This will prepare an ambitious climate policy and involve the public, whose involvement should be an integral part of drafting national documents.

Organizations that support the implementation of the Roadmap:

Ecoaction, Clean Energy Lab, OPORA, Kharkiv Zero Waste (Center for Public and Media Initiatives), Ukrainian Nature Conservation Group, Center for Public Communications, CSO «Association of Small Cities of Ukraine», CSO «Plato», Network Of Ukrainian Sorting Initiatives, #ECODIIT Professional Community, Ukrainian Climate Network.

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