



## Sustainable Energy (and Climate) Action Plan Sectors & Measures to Achieve Targets



### Energy Efficiency in Public Buildings

Thermal refurbishment of public buildings (schools, kindergartens, hospitals, cultural centers, etc.)

- Insulation of buildings envelope;
- Insulation of roofs, attics and floors;
- Replacement of old windows and doors with new energy efficient ones;
- Installation of building energy management systems;
- Installation of energy consumption monitoring system software;
- Energy audits;
- Replacement of internal lighting systems with new energy efficient ones.



### Transport

- Construction of bicycle lanes;
- Renovation of municipal public transportation stock (trolleybus and bus fleets);
- Optimisation of road traffic management system;
- Creation of parking and passenger zones for better traffic management.



### Heating and Electricity Production

- Installation of solar thermal collectors;
- Development of solar photovoltaic installations/parks to produce electricity;
- Replacement of old inefficient heating systems in public buildings with biomass and geothermal installations;
- Installation of combined heat and power stations (CHP) for public and residential buildings;
- Installation of individual heating points for public and residential buildings;
- Optimisation of district heating systems in urban areas;
- Landfill biogas recovery;
- Installation of wind power generation stations.



### Street Lighting

- Replacement of incandescent halogen bulb traffic lights with more energy efficient and durable LEDs;
- Replacement of inefficient street lights with LEDs;
- Installation of remote management and dimming systems for street lighting.



### Energy Efficiency in Industry and Waste Management

- Modernisation of pumping stations and installation of energy efficient equipment for water supply systems;
- Modernisation of production lines;
- Waste management.

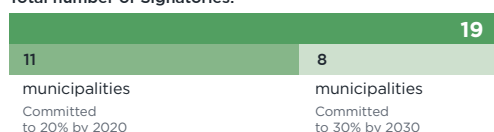


### Raising Public Awareness

- Information activities such as Municipal Energy Days;
- Introduction of energy efficiency and climate change issues into the existing school curriculum;
- Public events for pre-school and school children dedicated to energy efficiency and climate change topics;
- Development of smart city plans;
- Greening of urban territories;
- Building energy certification.

## Country Figures & Targets\*

Total number of Signatories:



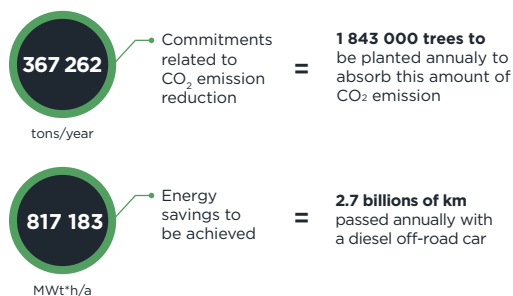
Population represented:



Sustainable Energy Action Plans (SEAPs) developed and submitted: **11**

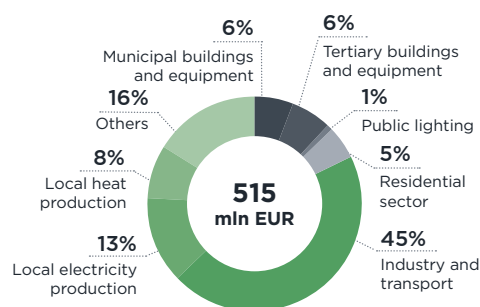
Sustainable Energy and Climate Action Plans (SECAPs) developed and submitted: **2**

Expected results of implementing 13 SE(C)APs:



## Total investments planned

Investments required to achieve targets:



\* as of January 8, 2018



## Covenant National Coordinator (CNC)

Ministry of Economy and Infrastructure: [mineconcom@mec.gov.md](mailto:mineconcom@mec.gov.md)

## Covenant Supporters (CS)

Alliance for Energy Efficiency and Renewables (AEER)	<a href="mailto:aeer.moldova@gmail.com">aaer.moldova@gmail.com</a>
Congress of Local Authorities (CALM)	<a href="mailto:info@calm.md">info@calm.md</a>
Union of County Councils of the Republic of Moldova	<a href="mailto:office@ucrm.md">office@ucrm.md</a>

## CoM East Team in Moldova

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## EU4Energy Initiative

The EU4Energy Initiative covers all EU support to improve energy supply, security and connectivity, as well as to promote energy efficiency and the use of renewables in the Eastern Partner countries Armenia, Azerbaijan, Belarus, Georgia, Moldova and Ukraine. It does this by financing projects and programmes that help to reform energy markets and to reduce national energy dependence and consumption. Over the longer term, this makes energy supply more reliable, transparent and affordable, thus reducing energy poverty and energy bills for both citizens and the private sector.

More information on: [www.EU4Energy.eu](http://www.EU4Energy.eu)

## Covenant of Mayors for Climate & Energy\*

World's largest urban climate and energy initiative of the European Union

**≥ 40%** CO<sub>2</sub> reduction by 2030, climate change mitigation and adaptation

OVER **7750** SIGNATORIES

REPRESENTING MORE THAN **252** MLN CITIZENS

## Covenant of Mayors East\*

New Covenant of Mayors for Climate & Energy in the Eastern Partnership countries — Armenia, Azerbaijan, Belarus, Georgia, Moldova and Ukraine:

**≥ 30%** CO<sub>2</sub> reduction by 2030, climate change mitigation and adaptation

OUT OF **351** SIGNATORIES

in EaP countries  
REPRESENTING **29.5** MLN CITIZENS

**147** committed to the new EU2030 targets

## “Covenant of Mayors — Demonstration Projects” (CoM-DeP)

EU-funded Programme supporting **22** CoM Signatories from EaP countries in implementing their Sustainable Energy (and Climate) Action Plans (SE(C)APs)

IN MOLDOVA **3** DEMONSTRATION PROJECTS ARE BEING IMPLEMENTED SINCE 2015

- Project “Green Light Moldova! Modernisation and saving energy in street lighting” (Ocnița, Cantemir)
- Project “Comprehensive demonstration project for sustainable energy development in the town of Orhei” (Orhei)
- Project “Renewables and energy efficiency for public buildings” (Ungheni)

**3** NEW DEMONSTRATION PROJECTS HAVE BEEN AWARDED IN 2018

- Project “Creation of excellence center through piloting demonstrative new energy efficiency technologies and renewable energy sources in Festelita community” (Festelita)
- Project “Efficient public lighting in Calarasi city - Firefly in the heart of forests” (Calarasi)
- Project “Thermal Rehabilitation of Educational Buildings CantREB” (Cantemir)

\*as of March 31, 2018