

# Metering and billing for electricity, gas and heating (EED Art. 9-11)

- District heating in a very limited scale
- There is no natural gas in Montenegro
- Individual metering of electricity in Montenegro - established practice for many years
- Individual metering and information provided in the electricity bill is prescribed by the Energy Law
- Distribution system operator CEDIS is successfully implementing 3rd phase of the "smart metering" program (remote reading of electricity consumption) under which approximately 339.000 "smart" meters were installed so far, which represents approximately 81,5% (source CEDIS) of available measuring points at the distribution level

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- EPCG since 2012 applies a new accounting system and new form of bills for supplied electricity, which contain the data on consumption and energy efficiency measures for each consumer separately
- Ministry of Capital Investments will, under the framework of cooperation with EPCG, monitor implementation of mentioned activities and consider the effects achieved in terms of energy savings by consumers.
- In short - Obligations regarding metering and billing for electricity prescribed by EED have been successfully transposed

# Heating and Cooling (EED Art. 14)

- Activities initiated in Montenegro in previous period aimed at meeting obligations from Article 14 of EED, related to transposition of basic requirements of this article into the current Energy Law in 2016.
- In 2019 Ministry of Capital Investments adopted Rulebook on the method of calculating primary energy savings from cogeneration and determining the overall efficiency of the cogeneration facility which was prepared with support of IPA.

In terms of strategic framework:

- Energy Development Strategy of Montenegro for 2016-2020 - addresses only individual projects.
- Energy Law, Article 20, stipulates adoption of a special Action Plan for development and use of district heating and/or cooling and high-efficiency cogeneration

# Heating and Cooling (EED Art. 14)

## Before

- Project „Developing Sustainable use of Energy in Montenegro“ with the assistance of EBRD
- EU funded project – in 2017
- Objectives:
  1. Perform comprehensive assessment of the potential for district heating and/or cooling and high efficiency cogeneration
  2. Prepare “Action Plan for the development and larger use of district heating and/or cooling and high-efficient cogeneration”.

# Heating and Cooling (EED Art. 14)

## Currently

- Estimated 30% gross final energy consumption goes for heating and cooling\*
- Large share spent in households and service sector
- Currently - no cogeneration projects
- District heating exists in a very limited scale only in the city of Pljevlja using coal as a fuel

\* ACTION PLAN - for development and larger use of district heating and/or cooling and high-efficient cogeneration in Montenegro

# Heating and Cooling (EED Art. 14)

## Next steps

- Continuation of the project „Developing Sustainable Energy Use in Montenegro“
- Support of EBRD
- Project will be funded by Renewable District Energy in the Western Balkans Programme (“ReDEWeB”) – fund
- Fund established in 2019 by the Austrian Government - aims to increase investment in Renewable District Energy (ReDE) systems in the Western Balkans (WeB)
- Objectives of the project in Montenegro:
  1. Revise and update previously prepared comprehensive assessment to meet requirements of Article 14 of the EED
  2. prepare an Action Plan covering the period 2021-2030, accordingly, supporting integration into other strategic documents in particular the National Energy and Climate Plan (NECP)

# Adoptation - Labeling regulations

<b>Delegated regulations adopted in 2018</b>	<b>Status</b>
1254/2014 labelling of residential ventilation units	Transposed
2015/1094 labelling of professional refrigerated storage cabinets	Transposed
2015/1186 labelling of local space heaters	Prepared, to be publicised in OG in the second quoter of 2022
2015/1187 labelling of solid fuel boilers and packages of a solid fuel boiler, supplementary heaters, temperature controls and solar devices	Prepared, to be publicised in OG in the second quoter of 2022
218/2014 amending various Delegated Regulations	Transposed, according to adoption of specific regulation
2017/254 amending various Delegated Regulations	Transposed, according to adoption of specific regulation