



Montenegro  
Ministry of Economy



ENERGETSKA  
EFIKASNOST  
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# Montenegro

## Recent developments: NEEAP, MVP

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Energy Efficiency Coordination Group – 19 November 2019

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# Adoption of the 3rd EEAP

- 4<sup>th</sup> EEAP is prepared by Ministry of Economy and adopted by Government of Montenegro at session from **28 June 2019**
  - Preparation of the EEAP is supported by GIZ and EBRD TA
  - 4<sup>th</sup> EEAP:
    - is prepared according to the template which was agreed at the level of EnC;
    - is mainly a continuation of implementation of activities from the 3<sup>rd</sup> EEAP and includes new measures on energy supply side;
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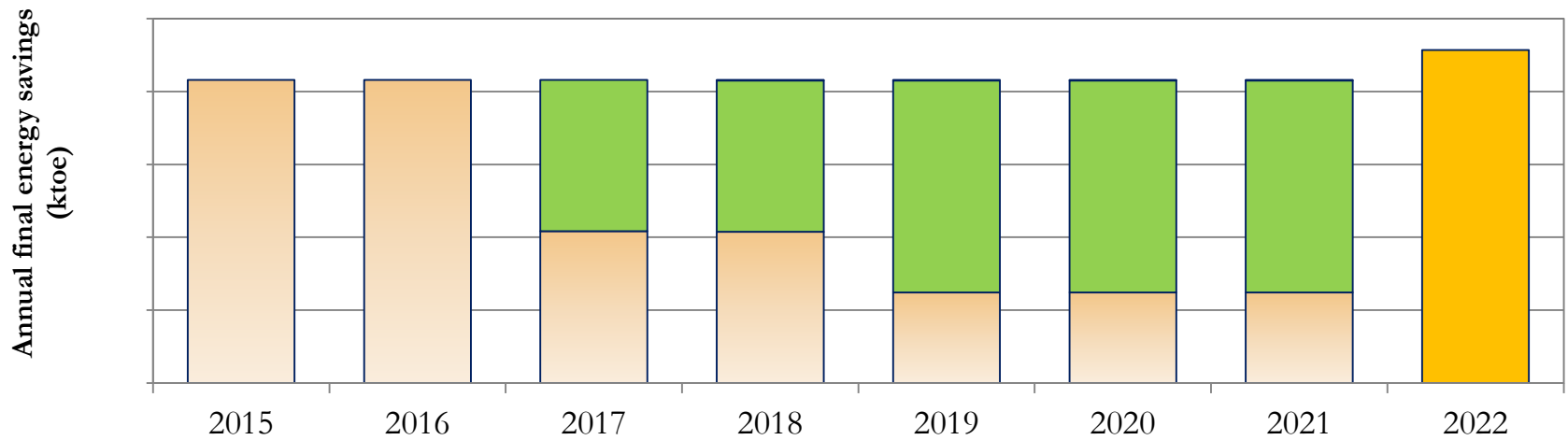
# Energy efficiency targets by 2020 (2021)

- Montenegro has decided to keep the indicative energy efficiency target for the period 2019 - 2021 at the level of the **average for the previous nine-year period (4.16 ktoe)**
  - Targets are expressed in **primary and final energy**
  - A target for the final energy consumption side is defined as the sum of the **binding targets in accordance with the requirements of Article 7 and Article 5 of EED** and additional targets set by the Ministry of Economy
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# Energy efficiency targets (final energy)

Indicative target (ktoe)	2015	2016	2017	2018	2019	2020	2021	2022
Other targets	4,160	4,160	2,083	2,075	1,244	1,244	1,244	0,000
Art. 7 EED			2,077	2,077	2,908	2,908	2,908	0,000
Art. 5 EED				0,008	0,008	0,008	0,008	0,000
<b>Overall target</b>	<b>4,160</b>	<b>4,160</b>	<b>4,160</b>	<b>4,160</b>	<b>4,160</b>	<b>4,160</b>	<b>4,160</b>	<b>4,570</b>

■ Art. 5 EED   
 ■ Art. 7 EED   
 ■ 2022 target   
 ■ Other targets



# Calculation of energy savings

- Preliminary analysis of achieved energy savings in 2018 were made using BU methods for individual measures.
- Application of TD indicators was not possible due to unavailability of data from energy balances for 2018. Process of development of the official energy balances for 2018 is ongoing, after which the energy savings will be calculated by using the TD indicators in the separate analysis, which will be completed beginning of 2020.
- Based on preliminary analysis conducted using the BU method, the level of **achievement of the indicative energy efficiency target is 49.76 ktoe, or 84.5%** of the target set for the period 2010-2018 (58.9 ktoe).

# Calculation of energy savings (2)

Year	Indicative target [ktoe]	Achieved/estimated total energy savings [ktoe]	Achieved/estimated energy savings based on implementation of measures [ktoe]
2012	13,4	25	0,91
2015	33,0	N/D	23,25
2018	58,9	N/D	49,76

- The explanation for the "not achieved" indicative target can be found in the fact that the achievement of the intermediate indicative target the first three-year period 2010-2012 was quite low (0.91 ktoe of 13.4 ktoe achieved), which was difficult to compensate in the next six-year period 2013-2018.

# 4<sup>th</sup> EEAP – EE measures

- 4<sup>th</sup> EEAP contains 27 measures:
  - 20 on the side of the final consumption - horizontal (7); buildings (4), households (2), public sector (4), commercial services/industry (1), transport (2) and
  - 7 on the energy supply side;
- Expected energy savings will exceed the EE targets

Year	Indicative target [ktoe]	Expected energy savings from implementation of measures [ktoe]
2020	13,09	27,35
2021	19,64	44,02

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# MVP development

- MVP is introduced as official reporting tool by the Amendments of the Law adopted in April 2019;
  - Update of the MVP platform is at final stage – primary energy; It is expected to be implemented locally by the end of the year together with other improvements for Montenegro;
  - Negotiation with local partner (Mechanical faculty) which will be responsible for MVP trainings are at final stage – part of the training for energy managers;
  - Trainings for energy managers Dec 2019; trainings for users of MVP beginning of 2020.
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# THANK YOU FOR YOUR ATTENTION!!!

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