

# **EnC Implementation Report 2021 - Energy Efficiency**

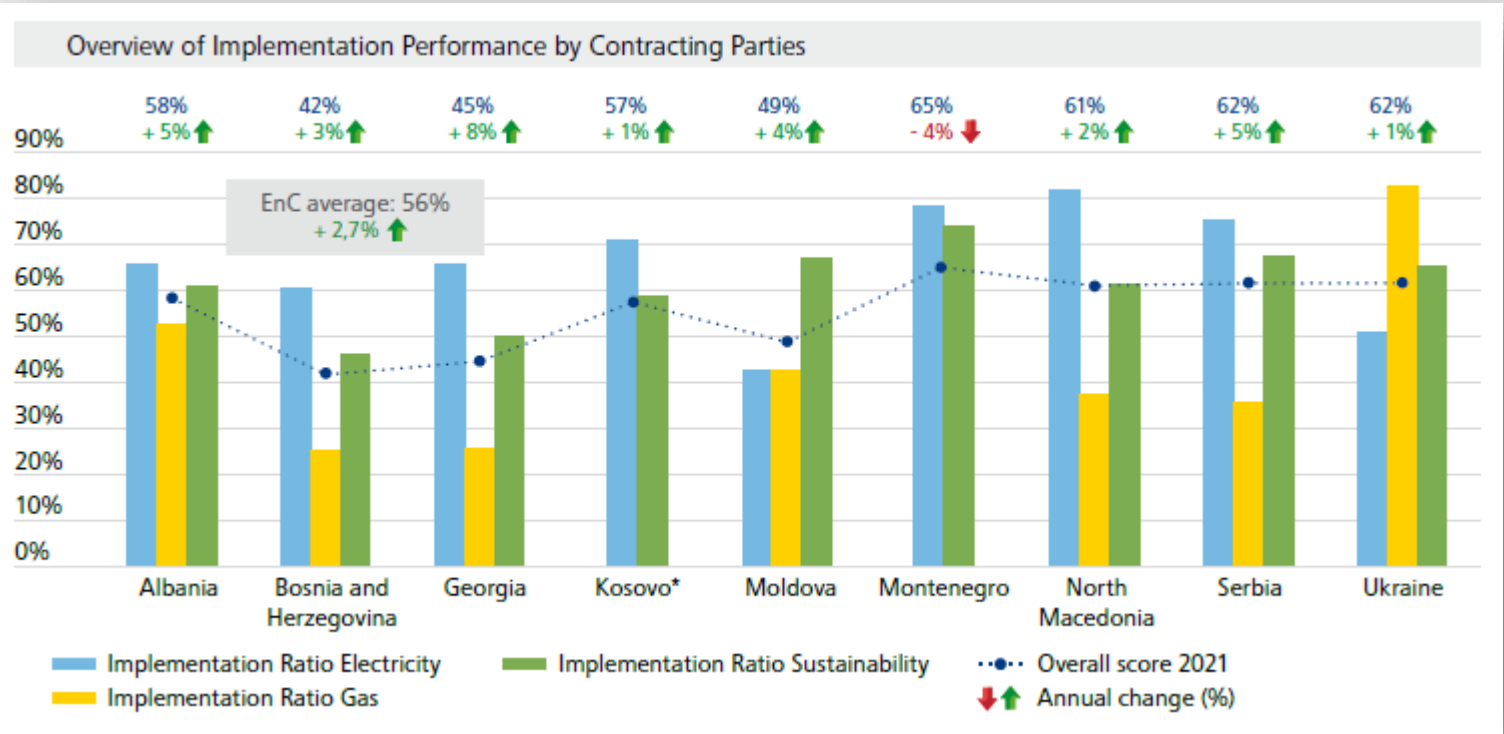
27<sup>th</sup> EECG meeting – 17 November 2021

# Status of Implementation (2021)

## - EnC overview



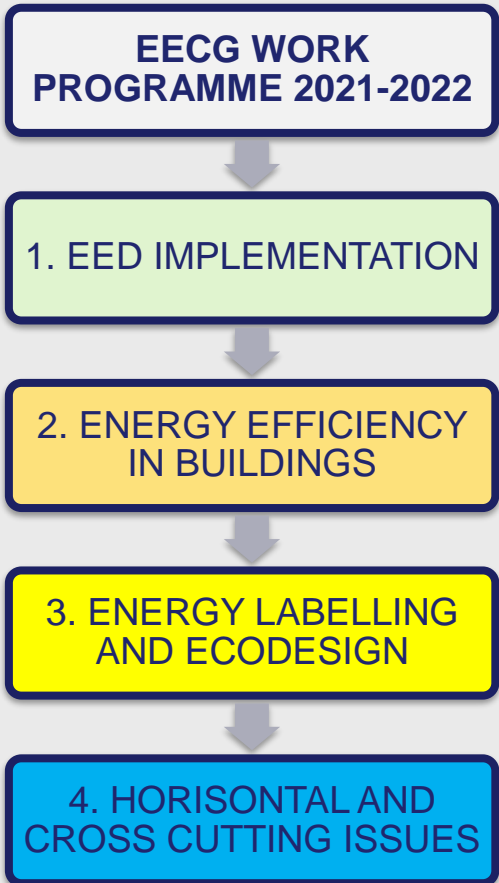
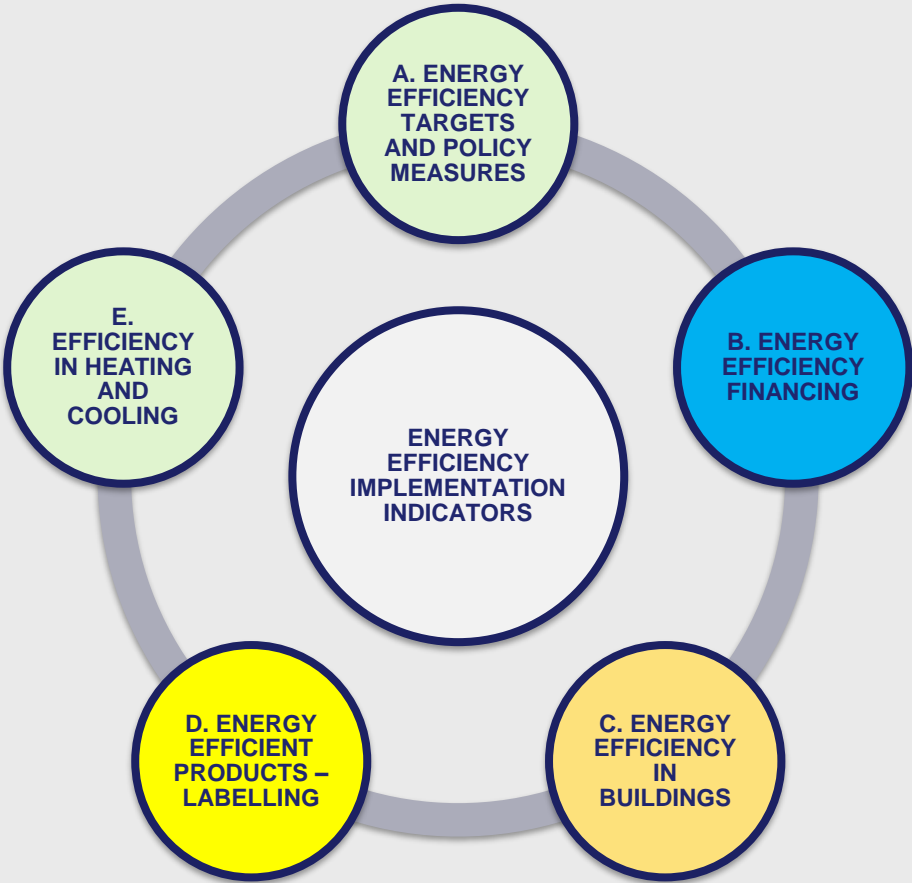
<https://www.energy-community.org/implementation/IR2021.html>



# EE INDICATORS USED IN THE IMPLEMENTATION REPORT

ENERGY EFFICIENCY INDICATORS		WEIGHT	C	ENERGY EFFICIENCY IN BUILDINGS	20%
<b>A</b>	<b>ENERGY EFFICIENCY TARGETS AND POLICY MEASURES</b>	<b>20%</b>	c1	Methodology for calculating the energy performance of buildings adopted	20%
a1	5 <sup>th</sup> Annual EED Reporting on 2020 targets (incl. EEO and art 5 target)	20%	c2	Minimum energy performance requirements set	20%
a2	2020 ambition and trends with en. consumption and energy productivity	20%	c3	Adopted/implemented regulation for EP certification of buildings	20%
a3	Law and related key EED by-laws (EEOs, Obligatory renovation, EA, NEEAPs and MVP)	30%	c4	Building Renovation Strategies, Targets and programmes for residential buildings rehabilitation ongoing	20%
a4	2030 EE targets and measures in integrated NECP (EE part)	15%	c5	Targets and programmes for public buildings rehabilitation ongoing	20%
a5	Ongoing EE measures promoting the exemplary role of the public sector (procurement, CG buildings renovation etc.)	15%	<b>D</b>	<b>ENERGY EFFICIENT PRODUCTS - LABELLING</b>	<b>20%</b>
a6	Other measures ongoing (e.g. in resid. & com. buildings, industry, transport etc.)	10%	d1	Framework law and by-laws for individual product groups (x15) adopted and applicable	50%
<b>B</b>	<b>ENERGY EFFICIENCY FINANCING</b>	<b>20%</b>	d2	Market surveillance bodies nominated and active (compliance checks, actions)	30%
b1	National/regional programmes for energy efficiency operational (GEFF, KfW, EBRD....)	40%	d3	Information brought to the attention of end-users by means of a fiche and a label (sale, hire, hire-purchase or displayed directly or indirectly/ distance selling, including the Internet)	20%
b2	National EE fund established/operational	30%	<b>E</b>	<b>EFFICIENCY IN HEATING AND COOLING</b>	<b>20%</b>
b3	Third Party Financing (EPC, ESC) and other innovative models (PPP...)	30%	e1	Transposition of EED Article 14 in the primary law	20%
			e2	The comprehensive assessment of the DH potential	20%
			e3	NEEAP/NECP improvement measures identified and projects ongoing	20%
			e4	EED requirements for the cost-benefit analysis of high efficient HC installation implemented	20%
			e5	Regulation and inspection schemes for heating systems in buildings	10%
			e6	Regulation and inspection schemes for air conditioning systems in buildings	10%
				<b>OVERALL IMPLEMENTATION RATIO EE</b>	<b>100%</b>

# EE INDICATORS - LINK WITH THE EEGG WORK PROGRAMME



# Status of Implementation and trends (2020/2021)

## >> Energy Efficiency

	Energy Efficiency Indicator	Weight	ALB	BIH	GEO	KOS*	MDA	MNE	MKD	SRB	UKR
A	Energy Efficiency Targets and Policy Measures	20%	55%	47%	71%	56%	80%	82%	70%	88%	62%
B	Energy Efficiency Financing	20%	35%	65%	47%	81%	85%	84%	85%	86%	90%
C	Energy Efficiency in Buildings	20%	80%	63%	71%	80%	70%	80%	50%	60%	90%
D	Energy Efficient Products - Labelling	20%	36%	30%	41%	49%	83%	86%	71%	84%	95%
E	Efficiency in Heating and Cooling	20%	34%	24%	26%	46%	70%	72%	28%	48%	40%
<b>Overall Implementation Ratio - Energy Efficiency</b>		100%	<b>48%</b>	<b>46%</b>	<b>51%</b>	<b>62%</b>	<b>78%</b>	<b>81%</b>	<b>62%</b>	<b>73%</b>	<b>75%</b>

	Energy Efficiency Indicators (annual progress)	ALB	BIH	GEO	KOS*	MDA	MNE	MKD	SRB	UKR
A	Energy Efficiency Targets and Policy Measures	↗ 2%	↘ -15%	↗ 10%	→ 0%	↗ 5%	↗ 14%	↗ 5%	↗ 11%	↗ 10%
B	Energy Efficiency Financing	↘ -8%	→ 0%	→ 0%	↗ 8%	↗ 14%	↗ 4%	↗ 10%	↗ 4%	→ 1%
C	Energy Efficiency in Buildings	↗ 24%	→ 0%	↗ 26%	→ 0%	↗ 10%	↗ 2%	→ 0%	→ 0%	↗ 8%
D	Energy Efficient Products - Labelling	→ 0%	↗ 3%	→ 0%	→ 0%	↗ 3%	→ 0%	→ 0%	↗ 6%	↗ 18%
E	Efficiency in Heating and Cooling	↗ 12%	→ 0%	→ 0%	→ 0%	↗ 26%	↗ 12%	→ 0%	↗ 16%	↗ 8%
<b>Overall Implementation Ratio - Energy Efficiency</b>		↗ 6%	↘ -2%	↗ 7%	↗ 2%	↗ 12%	↗ 6%	↗ 4%	↗ 7%	↗ 9%

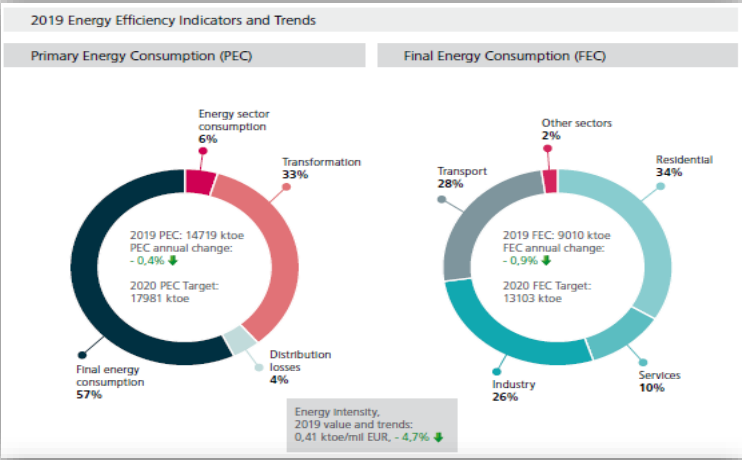
# Status of Implementation (2021)

## - example of Serbia



### Serbia Energy Efficiency

Energy Efficiency Implementation			
Energy Efficiency Indicators	Transposition Assessment	Implementation Status	Descriptions
Energy efficiency targets and policy measures	✓	80%	The revised Law on Energy Efficiency and Rational Use of Energy was adopted in April 2021, improving compliance with the Energy Efficiency Directive. The Secretariat was notified of the implementation of the Article 7 target for obligation schemes in January 2020. The Article 5 renovation target was adopted in August 2018. The final fourth NEEAP was adopted in August 2021.
Energy efficiency in buildings	⚡	60%	The preparation of the long-term building renovation strategy is in its final stages. It is planned to be adopted by the end of 2021. Little progress has been achieved regarding the update of the regulation implementing Directive 2010/31/EU.
Energy efficiency financing	✓	80%	The institutional framework was strengthened with the establishment of the Directorate for Financing and Promotion of Energy Efficiency within the Ministry of Mining and Energy. In April and September 2021, two public calls were launched to support the renovation of residential buildings and installation of PV systems in the residential sector. An enabling legal framework for energy performance contracting is in place and ESCO projects in buildings, public lighting and district heating are being implemented.
Energy efficient products - labelling	✓	84%	The revised Law on Energy Efficiency and Rational Use of Energy transposed the Framework Labelling Regulation (EU) 2017/1369. During 2021, the Ministry updated existing rulebooks to introduce rescaled labels for fridges and freezers, washing machines and dishwashers, and electronic displays. The adoption of the remaining four delegated regulations is pending.
Efficiency in heating and cooling	⚡	40%	With 58 operational systems, Serbia has the largest district heating system in the Western Balkans, but renewables make up less than 1% of the input fuel. Projects to increase the use of renewables are being implemented. Fifteen district heating companies introduced consumption-based billing of individual units. Serbia has not yet assessed its potential for high-efficiency cogeneration and efficient district heating and cooling as required by the Energy Efficiency Directive.



#### Energy Efficient Products – Overview of Implementation of Labelling Regulation

FRAMEWORK REGULATION*	Household dishwashers	Fridges and freezers*	Household washing machines	Televisions	Air conditioners and fans*	Household tumble driers	Electrical lamps and luminaires	Solid fuel boilers*	Space heaters*	Water heaters & storage tanks	Domestic ovens and range hoods
	●	●	●	●	●	●	●	●	●	●	●

● Adopted and implemented    ● Compliance or implementation issues detected    ● No progress with adoption/implementation

\* The new labelling package adopted by the Ministerial Council in November 2018 was assessed, as the transposition deadline expired in January 2020.



# THANK YOU FOR YOUR ATTENTION

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