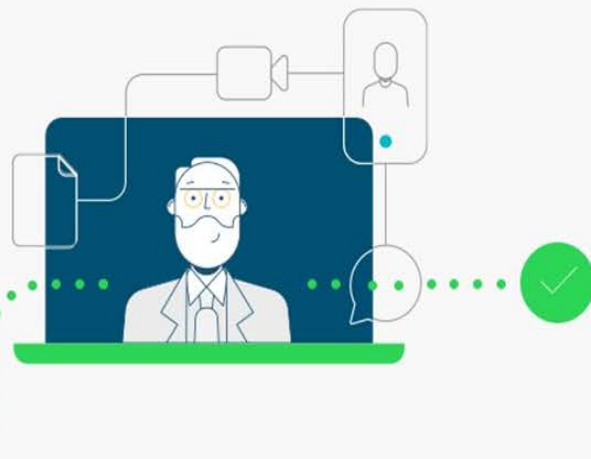


Sharing jointest-present...



Welcome to the  
24<sup>th</sup> EEGC  
Webex meeting!



### MEETING RULES:

1. After joining, please mute your microphones and switch it on when you would like to address the participants!
2. If you have question or interested for discussion, please raise hand (2a) or write in chat box (2b)

1



2

Participants (1)

Search

Borko Me



2a

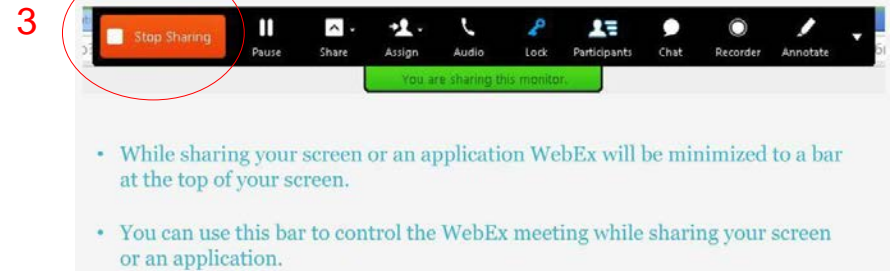
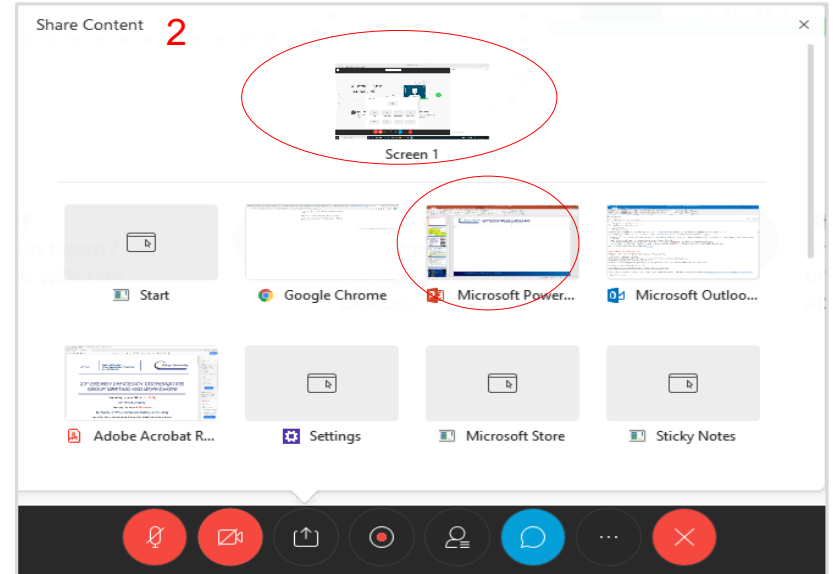
Chat

To: --- Please Select ---

Enter chat message here

2b

1. Before presentation:
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  - Open presentation or other files you want to share timely!
2. Click Share My Screen Icon  , share screen, file, or choose the application you want to screen share (e.g. MS Power Point).
3. To stop sharing move your mouse to the top and click Stop Sharing Icon 



# EECG meeting conclusions and EECG Work Programme

24<sup>th</sup> EECG meeting – 17 November 2020



# ENERGY EFFICIENCY COORDINATION GROUP



**ACTIVE SINCE 2013**



**KEY OBJECTIVE: TO FACILITATE TRANSPOSITION OF ENERGY EFFICIENCY DIRECTIVES INTO NATIONAL LEGISLATION AND TO SUPPORT EFFECTIVE IMPLEMENTATION:**

**>> DIRECTIVE 2012/27/EU (EED), DIRECTIVE 2010/31/EU (EPBD), DIRECTIVE 2010/30/EU (ELD).**



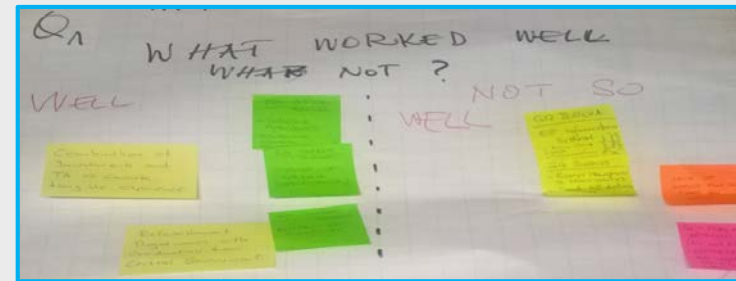
**INITIATOR, COORDINATOR AND IMPLEMENTATION PARTNER OF VARIOUS ASSISTANCE PROJECTS**



**EECG MEETINGS: 3 PER YEAR, COMBINED WITH WORKSHOPS**



**EECG WORK PROGRAMME 2019-2020: 10 EXPERT AREAS DIVIDED IN 4 CHAPTERS**



**EED / EA 1: PLANNING MONITORING AND VERIFICATION OF SAVINGS**

- progress on NEEAPs and role of EE measures in NECPs (23<sup>rd</sup> EECG)
- GIZ ORF/ECS MVP handover (24<sup>th</sup> EECG)
- ENSMOV Regional webinar – Implementation of Article 7 (10 Dec 2020)

**EED / EA 2: PROMOTION OF THE EXEMPLARY ROLE OF THE PUBLIC SECTOR**

- PS in Buildings renovation strategies (22<sup>nd</sup> EECG); - PS in building renovations projects - platform (23<sup>rd</sup> EECG)
- PS in building renovations wave (24<sup>th</sup> EECG)

**EED / EA 3: ENERGY SERVICES, AUDITS AND MANAGEMENT SYSTEMS (Enabling Legislative Framework, Implementation)**

- Workshop on Energy Audits in Industrial Facilities (24<sup>th</sup> EECG)

**EED/EA 4: EFFICIENCY IN ENERGY SUPPLY, CHP AND HEATING/COOLING**

- Brainstorming (22<sup>nd</sup> EECG)
- CA EED ppt, EE DH Workshop (23<sup>rd</sup> EECG)
- Updates on H&C Network in the Energy Community (24<sup>th</sup> EECG), Webinar on DH Consumption metering (24 Nov)

**EED / EA 5: FUNDS AND FINANCING FOR EE, BUILDING RENOVATION**

- Workshop on EE financing, Buildings renovation programmes (22<sup>nd</sup> EECG)
- Building renovations platform (23<sup>rd</sup> EECG)
- Recent developments in the EU, Economic and Investment Plan for WB (24<sup>th</sup> EECG)

**EPBD / EA 6: New EPBD Requirements and Roadmap**

- Analysis of new requirements, recommendations

**EPBD / EA 7: ENERGY PERFORMANCE REQUIREMENTS/ C-O LEVEL / NZEB**

- Brainstorming (22<sup>nd</sup> EECG)
- NZEB Webinar (23<sup>rd</sup> EECG)
- Reporting (24<sup>th</sup> EECG)

**EPBD / EA 8: CERTIFICATION OF BUILDINGS AND INSPECTIONS**

- Workshop on Buildings Energy Performance Calculation and Certification Tools
- EPBD Reporting, EPCs overview, Montenegro new platform (24<sup>th</sup> EECG)

**ELD / EA 9: TRANSPOSITION/NEW REQUIREMENTS**

- Brainstorming (22<sup>nd</sup> EECG)
- Eco-design framework (23<sup>rd</sup> EECG)

**ELD / EA 10: IMPLEMENTATION PRACTICES**

- Montenegro example, reporting (23<sup>rd</sup> EECG)

**HORISONTAL AND CROSS-CUTTING ISSUES**

- (New EU requirements, 2030 framework and integrated NECPs, institutions, best practices, support initiatives; EE Donors' Coordination and Matrix on TA for Energy and Climate)
- updates by donor's community, EnC donor's platform and buildings renovation programmes ongoing in the Energy Community (23<sup>rd</sup> EECG)
  - updates by EU, USAID, REEP Plus, World Bank, GGF... (24<sup>th</sup> EECG)

# Status of Implementation (2019-2020)

## EE Indicators

	ENERGY EFFICIENCY INDICATORS	WEIGHT
<b>A</b>	<b>ENERGY EFFICIENCY TARGETS AND POLICY MEASURES</b>	<b>20%</b>
a1	4th Annual EED Reporting on 2020 targets (incl. EEO and art 5 target)	20%
a2	2020 ambition and trends with en. consumption and energy productivity	20%
a3	Law and related key EED by-laws (EEOs, Obligatory renovation, EA, NEEAPs and MVP)	30%
a4	2030 EE targets and measures in integrated NECP (EE part)	15%
a5	Ongoing EE measures promoting exemplary role of the public sector (procurement, CG buildings renovation etc.)	15%
a6	Other measures ongoing (e.g. in resid&com buildings, industry, transport etc.)	10%
<b>B</b>	<b>ENERGY EFFICIENCY FINANCING</b>	<b>20%</b>
b1	National/regional programmes for energy efficiency operational (GEFF, KfW, EBRD....)	40%
b2	National EE fund established/operational	30%
b3	Third Party Financing (EPC, ESC) and other innovative models (PPP...)	30%

<b>C</b>	<b>ENERGY EFFICIENCY IN BUILDINGS</b>	<b>20%</b>
c1	Methodology for calculating the energy performance of buildings adopted	20%
c2	Minimum energy performance requirements set	20%
c3	Adopted/implemented regulation for EP certification of buildings	20%
c4	Building Renovation Strategies, Targets and programmes for residential buildings rehabilitation ongoing	20%
c5	Targets and programmes for public buildings rehabilitation ongoing	20%
<b>D</b>	<b>ENERGY EFFICIENT PRODUCTS - LABELLING</b>	<b>20%</b>
d1	Framework law and by-laws for individual product groups (x15) adopted and applicable	50%
d2	Market surveillance bodies nominated and active (compliance checks, actions)	30%
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%
<b>E</b>	<b>EFFICIENCY IN HEATING AND COOLING</b>	<b>20%</b>
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>

# Status of Implementation (2019-2020)

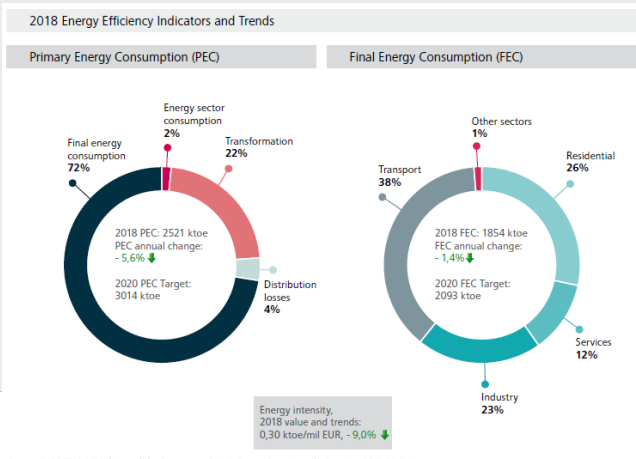
<https://www.energy-community.org/implementation/>



	Energy Efficiency Indicator	Weight	ALB	BiH	KOS*	MKD	MDA	MNE	SRB	UKR	GEO
A	Energy Efficiency Targets and Policy Measures	20%	54%	62%	55%	65%	75%	68%	77%	52%	61%
B	Energy Efficiency Financing	20%	42%	65%	73%	75%	72%	80%	82%	89%	47%
C	Energy Efficiency in Buildings	20%	56%	63%	80%	50%	60%	78%	60%	82%	45%
D	Energy Efficient Products - Labelling	20%	36%	27%	49%	70%	80%	86%	78%	78%	41%
E	Efficiency in Heating and Cooling	20%	22%	24%	46%	28%	44%	60%	32%	32%	26%
<b>Overall implementation ratio - EE</b>		<b>100%</b>	<b>42%</b>	<b>48%</b>	<b>61%</b>	<b>58%</b>	<b>66%</b>	<b>74%</b>	<b>66%</b>	<b>67%</b>	<b>44%</b>

Energy Efficiency Indicators	Transposition Assessment	Implementation Status	Descriptions
Energy Efficiency Targets and Policy Measures	✓	65%	In February 2020, the Parliament adopted a comprehensive Law on Energy Efficiency, transposing, inter alia, the Energy Efficiency Directive and setting the specific targets required under Article 5 and 7 of the Directive. The 2020 target was set in the third Annual Progress Report. By-laws on the obligation scheme, buildings renovation strategy, energy audits and energy service contracts are being drafted.
Energy Efficiency in Buildings	✓	50%	The Energy Efficiency Law transposed the Energy Performance of Buildings Directive, nevertheless, implementation is still lagging behind as key by-laws are either missing or are not updated. At the cut-off date of this report, North Macedonia was preparing rule-books on energy performance of buildings, energy audit of buildings and an energy performance certificates verification system, in order to fully implement the Directive.
Energy Efficiency Financing	✓	75%	Before the Energy Efficiency Law was adopted, the energy services market was very incipient. In August 2020, the first five municipalities implemented energy savings performance contracts on street lighting. No energy efficiency fund exists yet, but it is planned with World Bank support. In 2020, the Bank approved US 27.4 mil. for energy efficiency investments in the public sector.
Energy Efficient Products - Labelling	✓	70%	Via the 2020 Energy Efficiency Law, the country transposed the 2018 Ministerial Council Decision on Regulation (EU) 2017/1369 on energy labelling repealing Directive 2010/65/EU and the Eco-Design Directive but not the five energy-related product regulations.
Efficiency in Heating and Cooling	⚡	28%	The share of district heating in total heat supply in 2018 was 10% and entirely produced by gas, of which 56% in co-generation units. 22% of heating and cooling is generated from renewables, but efficiency is low as the majority of biomass-based boilers and stoves use old technologies. The country has not yet prepared the assessment of its high efficiency cogeneration and efficient district heating potential required by the Energy Efficiency Directive.

## Example of North Macedonia



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

<b>IMPLEMENTATION OF THE ENERGY EFFICIENCY DIRECTIVE - Ammended</b>	
<i>EA 1: PLANNING MONITORING AND VERIFICATION OF SAVINGS</i>	
<b>1. EED Implementation and new requirements</b>	
<b>2. Monitoring and reporting on targets and savings</b>	
<i>EA 2: PROMOTION OF THE EXEMPLARY ROLE OF THE PUBLIC SECTOR</i>	
<b>1. Public buildings</b>	
<b>2. Purchasing by public bodies</b>	
<i>EA 3: ENERGY SERVICES, ENERGY AUDITS AND MANAGEMENT SYSTEMS</i>	
<b>1. Development of enabling legislative framework</b>	
<b>2. Implementation</b>	
<i>EA 4: EFFICIENCY IN ENERGY SUPPLY, CHP AND HEATING/COOLING</i>	
<b>Transposition/ Implementation</b>	<i>Methodology for comprehensive assessment of the potential for the application of high-efficiency cogeneration and efficient district heating and cooling (EED, Article 14, Annex VIII and Annex IX)</i>
	<i>Comprehensive assessment and inventory of potential candidate projects, policies and implementation</i>
	<i>Exchange of best practices and model of legislation for implementation of Articles 14 and 15 EED</i>
<i>EA 5: FUNDS AND FINANCING FOR ENERGY EFFICIENCY</i>	
<b>1. Funds and financing</b>	<i>National funds</i>
	<i>Model legislation, exchange of best practices</i>

*(more details in excel file)*



<b>ENERGY EFFICIENCY IN BUILDINGS</b>	
<i>EA 6: BUILDINGS RENOVATION WAVE</i>	
<b>1. Preparation for large scale building renovations</b>	
<i>EA 7: BUILDINGS RENOVATION STRATEGIES</i>	
<b>1. Renovation targets, policy measures and link with NECPs</b>	
<b>2. Implementation</b>	
<i>EA 8: IMPLEMENTATION OF EPBD AND NEW REQUIREMENTS</i>	
<b>1. Cost-optimal minimum EP requirements and nearly zero-energy buildings</b>	
<b>2. Energy performance certification and inspection of systems</b>	
<b>3. Training &amp; control</b>	
<b>4. Amended EPBD - new requirements</b>	
<b>ENERGY LABELLING AND ECODESIGN</b>	
<i>EA 9: TRANSPOSITION AND ANALYSIS OF NEW REQUIREMENTS</i>	
<b>Transposition/New requirements</b>	<i>Transposition of new labelling framework regulation and delegated acts</i>
	<i>Analysis/recommendations for new or updated regulation</i>
	<i>Progress reports</i>
<i>EA 10: IMPLEMENTATION PRACTICES</i>	
<b>1. Monitoring, Verification and Enforcement</b>	
<b>2. Promotional activities</b>	
<b>HORISONTAL AND CROSS CUTTING ISSUES</b>	
<b>1. Energy Efficiency First principle</b>	
<b>2. Coordination of work on 2030 targets and integrated NECPs</b>	
<b>3. Strengthening of national institutions for energy efficiency</b>	
<b>4. Demand side resources management: ICT&amp;automation, smart grids, consumer behaviour, dynamic pricing</b>	
<b>5. Coordination of donors support on energy efficiency</b>	
<b>6. Development of energy efficiency statistics and indicators</b>	
<b>7. Coordination with RECG on promotion of EE&amp;RE in heating and cooling - joint events, policies and measures</b>	



# THANK YOU FOR YOUR ATTENTION

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## GET IN TOUCH

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