

## Expert Area 5:

# Data gathering on buildings renovation investment programmes

11th March 2020

# DATA GATHERING ON BUILDING RENOVATION PROGRAMMES

- EnC Secretariat plans to publish the 1st Western Balkans Energy Transition Report with the long-term objective to support and facilitate energy transition;
- Focus of the first report: findings on the implementation of a short-term objectives (by 2020) in energy efficiency, renewable energy, climate and environment, electricity market;
- Assessment of the current situation: using a combination of quantitative/qualitative assessment;
- Further plan is to use the information gathered on EE in buildings to use in proposing new legislation, NECP preparation and other support measures.



# BUILDING RENOVATION IN NATIONAL EE ACTION PLANS

- Most CPs have submitted their last NEEAPs (at least draft versions);
- All CPs have some EE measures for the building sector (focusing on public sector);
- However some reports are lacking detailed quantitative reports on the EE measures in buildings;
- Some already started to draft new NEEAP measures in buildings → however they should be included in NECPs as of 2021.

Contracting Party	Submitted last round of NEEAPs	Has EE measures in buildings	Submitted progress reports	Has quantitative reports on measures
Albania	Red	Yellow	Yellow	Yellow
Bosnia and Herzegovina	Red	Yellow	Green	Yellow
Kosovo	Yellow	Green	Green	Yellow
Montenegro	Green	Green	Yellow	Yellow
North Macedonia	Yellow	Yellow	Green	Yellow
Serbia	Red	Yellow	Green	Blue
Georgia	Green	Yellow	Blue	Blue
Moldova	Green	Yellow	Green	Green
Ukraine	Yellow	Green	Green	Yellow
Color code:	submitted / detailed measures	Draft / some measures	Not submitted / no measures	No data

# BUILDINGS RENOVATION INVESTMENT PROGRAMMES – OVERVIEW

- ✿ Several international donor open databases have been used for data gathering:
  - ✿ KfW, WB, EBRD, USAID, EU, GGF, etc.
- ✿ Following main categories were assessed:
  - ✿ Amount and type of finance;
  - ✿ Type of intervention;
  - ✿ Level of intervention:
  - ✿ Type and number of buildings affected;
  - ✿ Energy efficiency and emissions reduction gains.
- ✿ Large number of programmes were found, however available data varies significantly.

# BUILDINGS RENOVATION INVESTMENT PROGRAMMES – GAPS

## Mostly missing information are:

- ☀ Planned or actual end of the programmes;
- ☀ Number of buildings affected;
- ☀ Planned or actual energy savings;
- ☀ Planned or actual emissions reduction.

## More information could be gathered:

- ☀ Type of intervention.

	Donor/IFI	Name of Project	Type of Financin	Status	Type of building category	Type of intervention	Budget MEUR	Level	Start	End	Number of buildings	Energy Savings in KWh	Co2 Saving in Kt Co2eq	Total Energy Savings per country	Total Co2 Savings per country
Georgia	GGF	Loan to M2 Real Estate	Loan	Ongoing	Apartments/multi-residential dwellings	Doors and windows, Heating and Cooling, Insulation, Decentralized RES	21	Municipal	2015		1900	8800000	1600		
	GGF	Senior Loan for Bank of Georgia	Loan				15	Municipal	2014						
	GGF		Loan	Ongoing	Single dwellings, Apartments/multi-residential dwellings, Retail and Services, Factories, warehouses, etc.	Doors and windows, Heating and Cooling, Insulation		Municipal							
	EBRD	Caucasus Sustainable Energy Financing Facility	Loan	Ongoing	Factories, warehouses, etc., Health care	Insulation, Heating and Cooling, Decentralized RES	100		2013	2020		227630	45830		
	GGF	Senior loan to Bank Republic	Loan	Ongoing	Single dwellings, Apartments/multi-residential dwellings		4,5	National	2016			2000000	1		
	GGF	Senior loan to JSC MFO Crystal (Crystal)	Loan, Other	Ongoing	Single dwellings, Factories, warehouses, etc.	Decentralized RES	1,3		2018			2600000	0,91		
	GGF	Loan to Bank of Georgia Group PLC	Loan, Other	Ongoing	Retail and Services, Factories, warehouses, etc.	Decentralized RES	22,8	National	2019						
	NEFCO, ESP	Energy Efficiency Improvements in Public Buildings and Use of Renewables and Alternative Energy in Georgia	Grant, Loan	Ongoing	Public, government buildings	Doors and windows, Heating and Cooling, Insulation, Decentralized RES	4,7		2017		25 (70,000m2)				
	Council of Europe Development Bank (CEB), ESP	Energy Efficiency in Public Schools in Tbilisi; also includes seismic retro-fitting measures	Grant, Loan		Education and Research		22		2015		25				
	KfW	Energy efficiency measures and harmonization with EU energy efficiency standards in buildings: Selected public buildings (most of them kindergartens) in the city of Batumi, Phase I and II	Grant, Loan	Ongoing	Public, government buildings, Education and Research	General improvements	7,5	Municipal							
														13627630	47431,91

# TIMELINE & NEXT STEPS

- ☀ Questionnaire sent to contact points and IFIs on 18th February 2020;
- ☀ Deadline for response is 30<sup>th</sup> March 2020;
- ☀ Data gathering and evaluation by the Secretariat by mid April;
- ☀ Presentation of a Sustainability Report during the EU-Western Balkans Summit in May 2020;
- ☀ Data gathering starts for next Sustainability Report to be produced on a regular basis.



In the long run data will be used as a basis for legal and technical proposals, such as EcoDesign, NECP, new EPBD etc.





# THANK YOU FOR YOUR ATTENTION

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## GET IN TOUCH

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