



ODYSSEE-MURE Fit4-55
Vienna Seminar November 25th – 26th 2024

Overview MURE: Cross-country comparison of energy efficiency policies of Energy Community Contracting Parties (EnC) and EU Member States

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Policy radar (tool of the MURE database)

Link: <https://www.measures.odyssee-mure.eu/energy-efficiency-policies-database.html#/radarGraph>

Database **Radar graph** Summary Table

Sector :
General cross-cutting x ▾

Countries :
Select... ▾

Impact evaluation

Semi quantitative impact :
Select... ▾

Status :
Ongoing x ▾

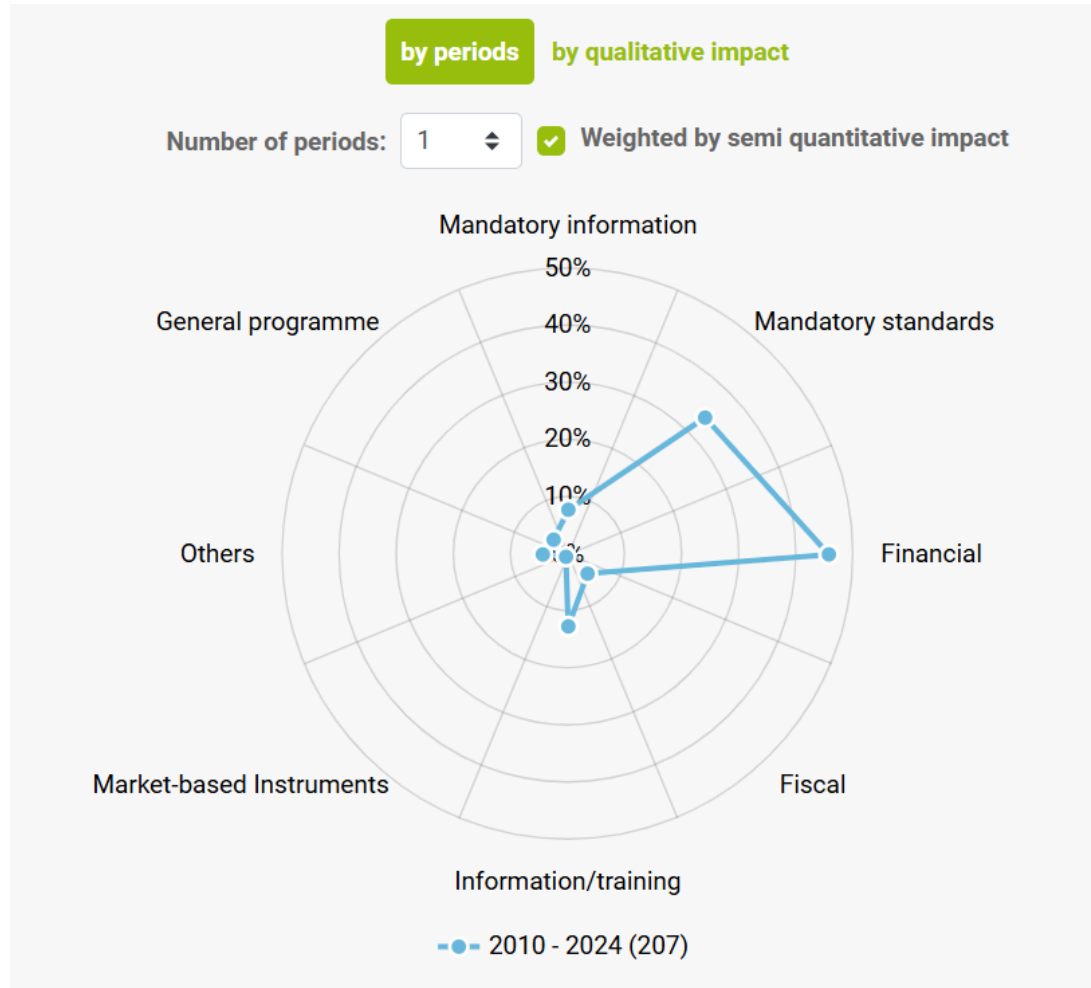
Starting year : Clear
From To

Search

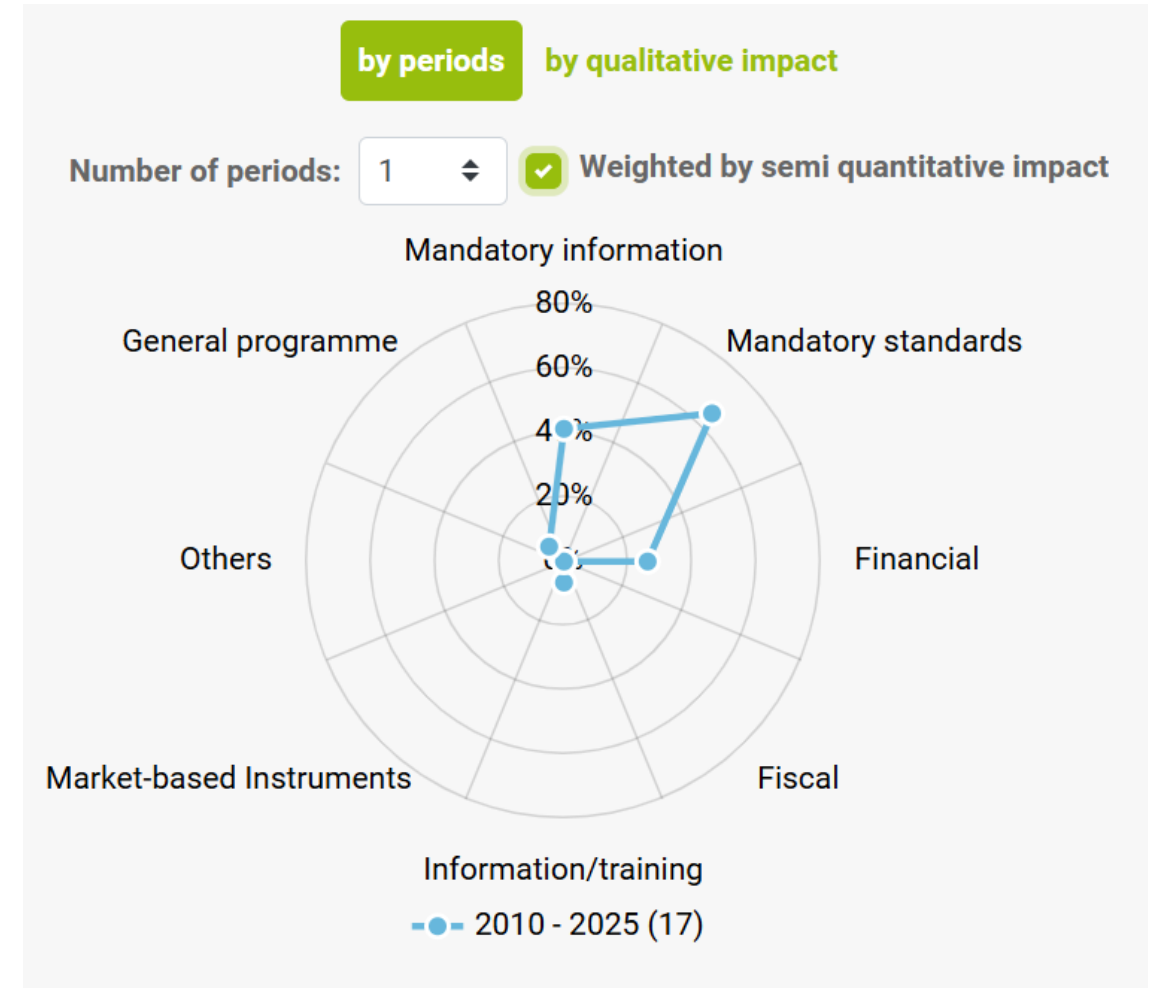
Measures included with „starting year“ from 01.01.2010 to 01.01.2025

Note:
Serbia has a large number of measures compared to other EnC

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Energy Community Contracting Parties



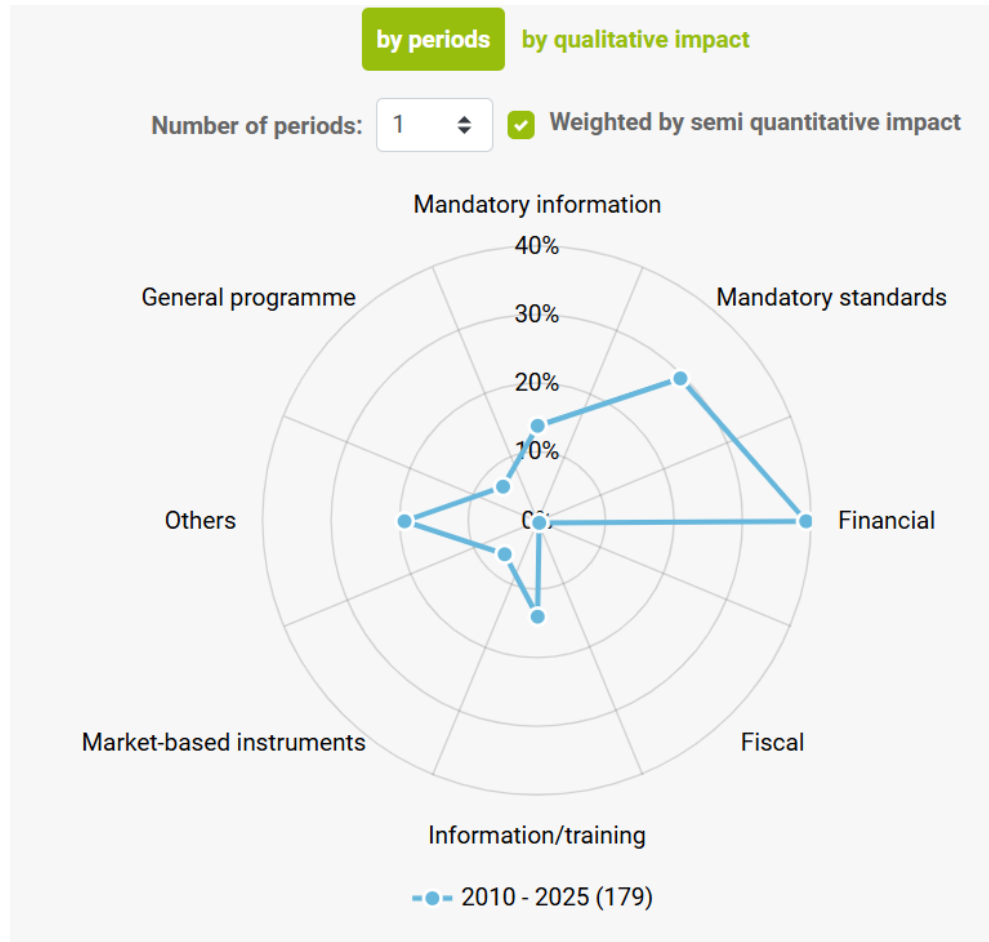
Sector: Households (EnC)

Country	Sector	Title	EU	Type	Starting Year
Albania	Household	Minimum energy performance requirements for buildings, building units and building elements (Decision no. 537, dated 8.7.2020)	Yes	Mandatory standards	2021
Georgia	Household	Development of building minimum performance standards (შენობის საექსპლუატაციო მანასიათებლების მინიმალური სტანდარტების შემუშავება)	Yes	Mandatory standards	2023
Georgia	Household	Law on Energy Labeling (კანონი ენერგოეტიკეტირების შესახებ)	Yes	Mandatory information	2019
Georgia	Household	Development of building energy performance certification scheme (შენობის ენერგოეფექტურობის სერტიფიცირების სქემის შემუშავება)	Yes	Mandatory standards, Mandatory information	2023
Kosovo	Household	LAW NO. 08/L-242 ON ENERGY PERFORMANCE OF BUILDINGS (LIGJI PËR PERFORMANCËN ENERGJETIKE TË NDËRTESAVE)	Yes	Mandatory standards	2025
Moldova	Household	The Voucher Program for household appliances (Programul de vouchere pentru electrocasnice)	No	Financial	2023
Moldova	Household	Law No. 282/2023 on Energy Performance of Buildings (Legea nr. 282/2023 cu privire la performanța energetică a clădirilor)	Yes	Mandatory standards	2024
Montenegro	Household	Energy Efficiency Home (Energetski efikasan Dom)	No	Financial	2018
North Macedonia	Household	Labelling of electric appliances and equipment / Означување на уреди кои користат енергија	Yes	Mandatory information	2023
North Macedonia	Household	Replacement of windows/ Замена на прозорци	No	Financial	2017
Serbia	Household	New construction regulations and certificates on the energy characteristics of buildings (Nova građevinska regulativa i sertifikati o energetskeim svojstvima zgrada)	No	Mandatory standards, Mandatory information	2012
Serbia	Household	Improvement of energy efficiency in residential buildings (Unapređenje energetske efikasnosti u stambenim zgradama)	No	Financial	2010
Serbia	Household	Promotion of energy-efficient lighting and electrical appliances in households (Promocija energetske efikasne osvetljenja i električnih uređaja u domaćinstvima)	No	Mandatory information, Financial, Mandatory standards, Information/training	2010
Ukraine	Household	Introduction of environmental design standards	Yes	Mandatory standards	2021
Ukraine	Household	Introduction of energy labeling standards	Yes	Mandatory information	2021
Ukraine	Household	Introduction of energy certification in buildings	No	Mandatory standards, Mandatory information, General programme	2021
Ukraine	Household	Measures to stimulate energy efficiency in private buildings	No	Mandatory standards	2021

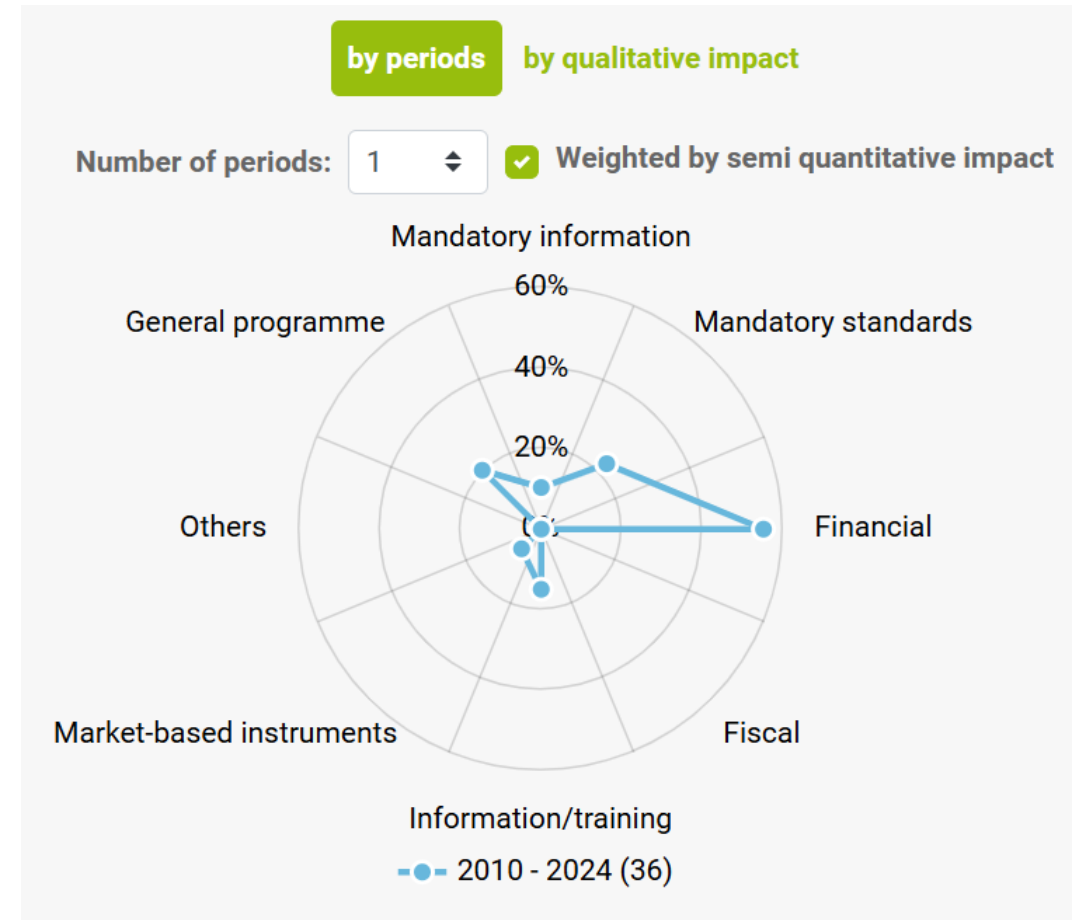
Measures of EnC with financial support...

- Serbia
 - Improvement of energy efficiency in buildings (financial)
 - Promotion of energy-efficient lighting and electrical appliances in households (Financial component)
- Moldova
 - Voucher programme for household appliances
- Montenegro
 - Energy Efficiency Home
- North Macedonia
 - Replacement of Windows

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Energy Community Contracting Parties



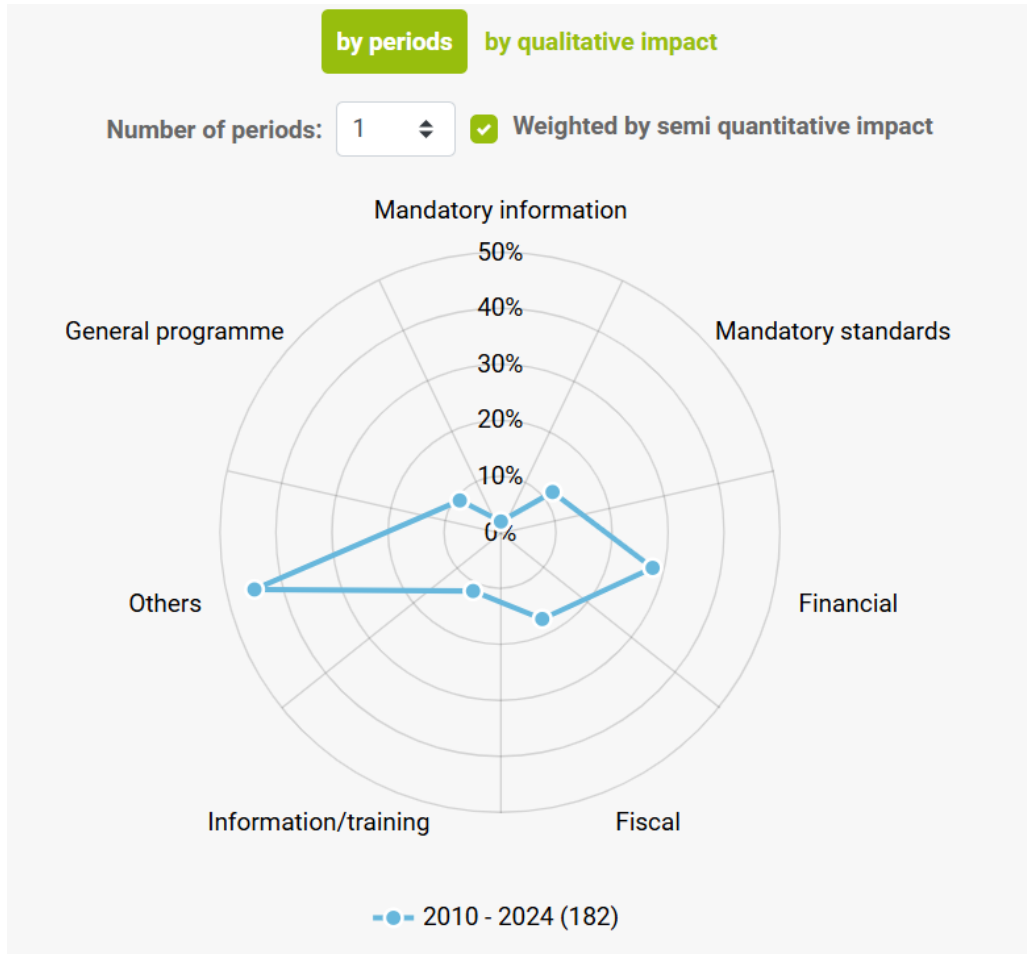
Sector: Services (EnC)

Country	Sector	Title	EU	Type	Starting Year
Moldova	Services	Law No. 282/2023 on Energy Performance of Buildings (Legea nr 282/2023 privind performanțele energetice ale clădirilor)	Yes	Mandatory standards	2024
Montenegro	Services	Montenegro Energy Efficiency Project (MEEP)	Yes	Mandatory standards, Mandatory information	2010
Montenegro	Services	Promotion of energy efficiency in public buildings (PEEPB) - Kfw	Yes	Mandatory standards, Mandatory information	2013
North Macedonia	Services	Increased use of heat pumps	No	Information/training	2020
North Macedonia	Services	Retrofitting of existing central government and municipal buildings	No	Market-based instruments	2020
North Macedonia	Services	Green procurements	No	Market-based instruments	2020
Serbia	Services	Minimum criteria regarding energy efficiency in the procedure for the public procurement of goods	No	Financial	2013
Serbia	Services	New construction regulations and certificates on the energy characteristics of buildings (Nova gradnja)	No	Market-based instruments	2016
Serbia	Services	Improvement of the energy efficiency of buildings in the public and commercial sector (Unapređenje energetske efikasnosti zgrada u javnom i komercijalnom sektoru)	No	Financial, Mandatory standards	2011
Serbia	Services	Minimum requirements of energy efficiency for new and reconstructed plants for production of heat	No	Financial, Information/training	2010
Serbia	Services	Modernization of public lighting system in LSUs (Modernizacija sistema javnog osvetljenja u JLS)	No	Mandatory standards	2016
Serbia	Services	Installation of smart meters (Ugradnja pametnih brojlara)	No	Financial, Information/training, Market-based instruments	2011
Serbia	Services	Control of heating and air conditioning systems of buildings and application of alternative measures (Kontrola sistema za grevanje i klimatizaciju zgrada i primena alternativnih mera)	No	Mandatory standards	2016
Serbia	Services	Introduction of energy management system (EMS) in the public and commercial sector (Uvođenje sistema za upravljanje energijom u javnom i komercijalnom sektoru)	No	Mandatory standards, Information/training	2017
Serbia	Services	Minimum energy efficiency requirements for new and revitalized facilities for electricity and heat production	No	Mandatory standards	2016
Ukraine	Services	Implementation of energy management and energy monitoring in buildings of state-owned budgetary institutions	No	Mandatory information, Information/training, General programme	2021
Ukraine	Services	Sanitation of state authorities' buildings	No	General programme	2021
Ukraine	Services	Implementation of energy management and energy monitoring of budgetary institutions' buildings of municipal owners	No	General programme	2021
Ukraine	Services	Sanitation of buildings of municipally owned budgetary institutions	No	General programme	2021
Ukraine	Services	Inclusion of energy efficiency criteria in public procurement procedures	No	General programme	2021
Ukraine	Services	Introduction of more efficient outdoor lighting in settlements	No	General programme	2021

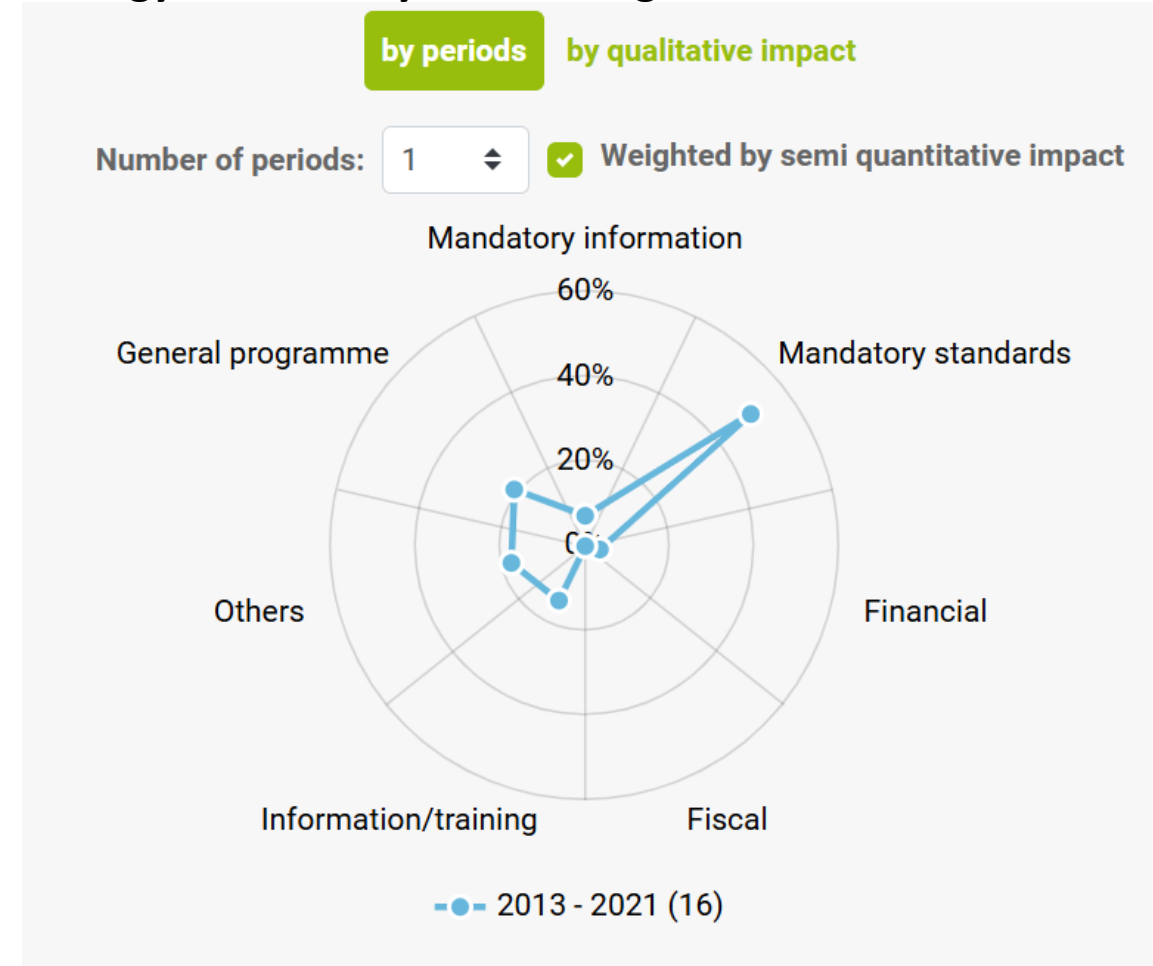
Measures of EnC with financial support or informational measures...

- Serbia
 - Minimum criteria for energy efficiency in public procurement
 - Improvement of energy efficiency in public sector and commercial buildings
 - Installation of smart meters
- Montenegro
 - Promotion of energy efficiency in public buildings (KfW, PEEP8) (?)
- North Macedonia
 - Green Procurement

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Energy Community Contracting Parties



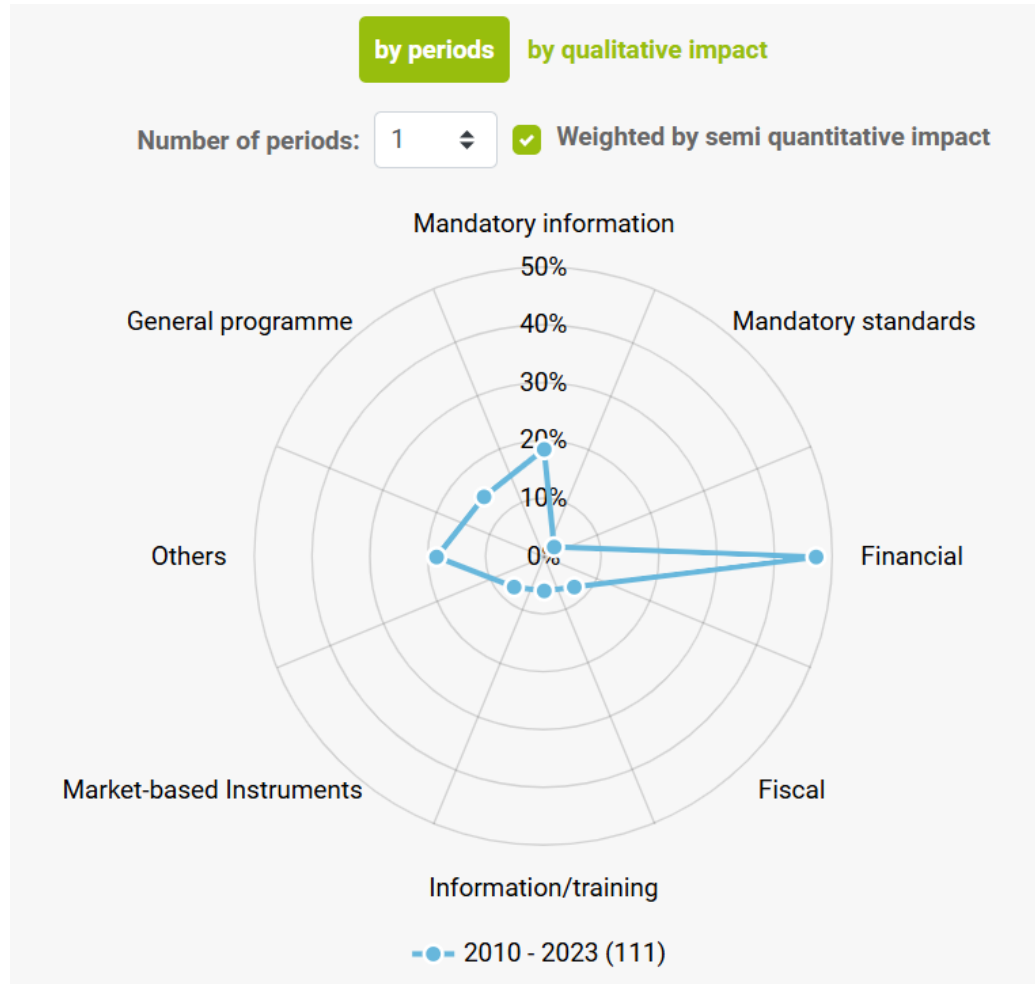
Sector: Transport (EnC)

Country	Sector	Title	EU	Type	Starting Year
Montenegro	Transport	Subsidy for the purchase of electric and hybrid vehicles to the citizens	No	Financial	2021
North Macedonia	Transport	Increased use of the railway	No	Information/training	2020
Serbia	Transport	Eco-driving (Eko-vožnja)	No	Information/training	2016
Serbia	Transport	Efficient tyres (pneumatics) for road traffic vehicles (Efikasne gume (pneumatici) za drumska vozila)	No	Mandatory information	2017
Serbia	Transport	Improvement of the quality of regular (annual) technical reviews of vehicles (Poboljšanje kvaliteta redovnih tehničkih pregleda vozila)	No	Mandatory standards	2016
Serbia	Transport	Fleet modernization with the aim of compliance with technical conditions for engaging in domestic road transport (Modernizacija vozilne flote sa ciljem usklađenosti sa tehničkim uslovima za angažovanje u domaćem drumskom saobraćaju)	No	Mandatory standards	2017
Serbia	Transport	Obligatory replacement of summer tyres (pneumatics) (Obavezna zamena letnjih guma (pneumatika))	No	Mandatory standards	2016
Serbia	Transport	EU-related: Emission performance standards new passenger cars (Regulation 443/2009/EC) - Implementation (EU-sveobuhvatno: Standardi za emisije novih putničkih automobila (Uredba 443/2009/EZ) - Implementacija)	Yes	Mandatory standards	2013
Serbia	Transport	Mobility management (Upravljanje mobilnošću)	No	Others, Information/training	2016
Serbia	Transport	Improvement of energy efficiency in the public passenger transport system (Unapređenje energetske efikasnosti u javnom prevozu putnika)	No	Others	2017
Serbia	Transport	Improvement of energy efficiency in the freight transport system (Unapređenje energetske efikasnosti u prevozu robe)	No	Others	2016
Serbia	Transport	Regulation of EURO standards concerning the level of emissions for imported passenger cars (Regulacija evropskih standarda u vezi sa nivoom emisija za uvozna putnička vozila)	No	Mandatory standards	2017
Ukraine	Transport	Optimization of the structure of passenger and freight transportation in cities	No	Others	2021
Ukraine	Transport	Renewal of urban transport with a predominant transition to electric transport	No	General programme	2021
Ukraine	Transport	Stimulating the renewal of private car fleet for the purpose of developing electric mobility	No	Mandatory standards, General programme	2021
Ukraine	Transport	Periodic inspections of the roadworthiness of motor vehicles and their trailers	No	Mandatory standards	2021

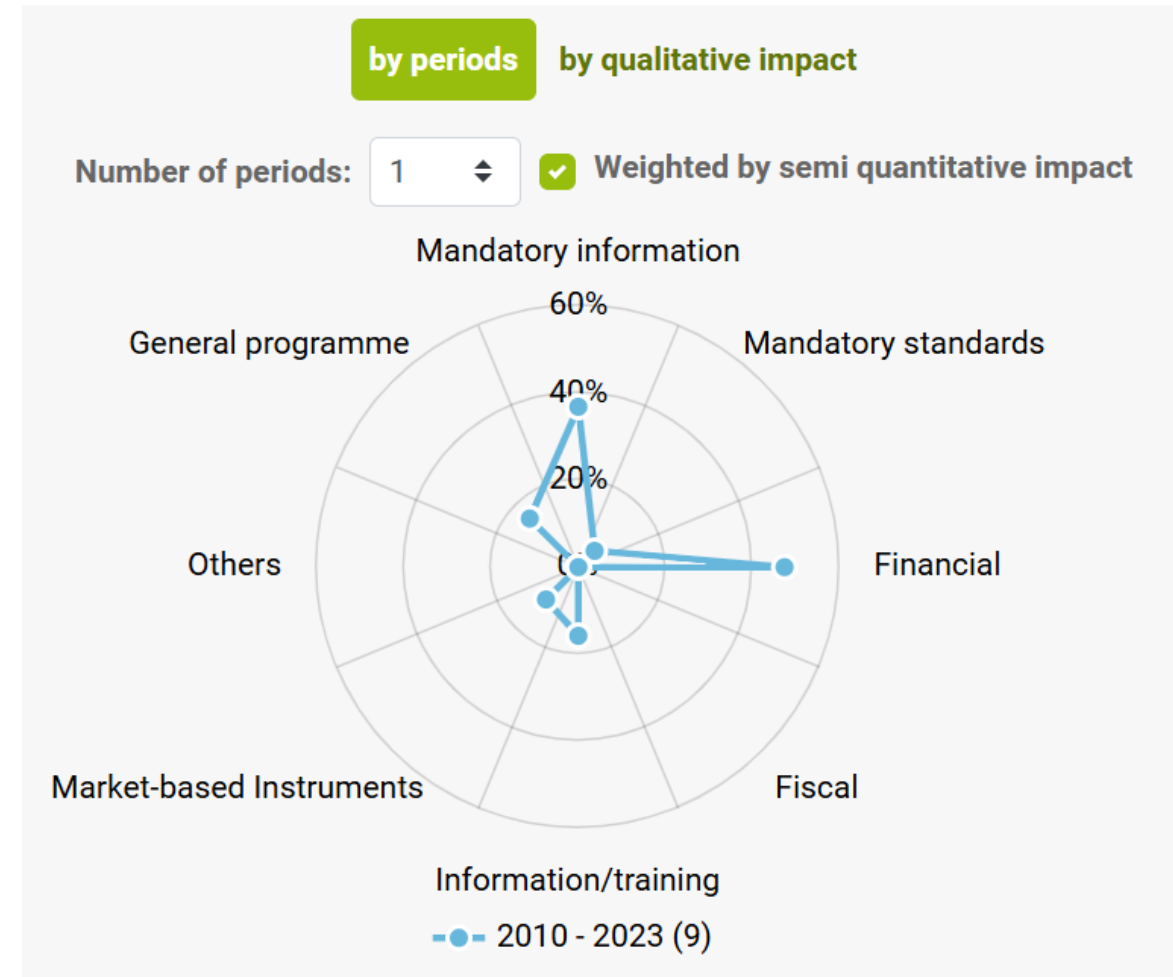
Measures of EnC with modal shift measures...

- Serbia
 - mobility management
- Ukraine
 - Optimisation of the structure of passenger and freight transport in cities
- North Macedonia
 - Increased use of railways (informational)

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Energy Community Contracting Parties

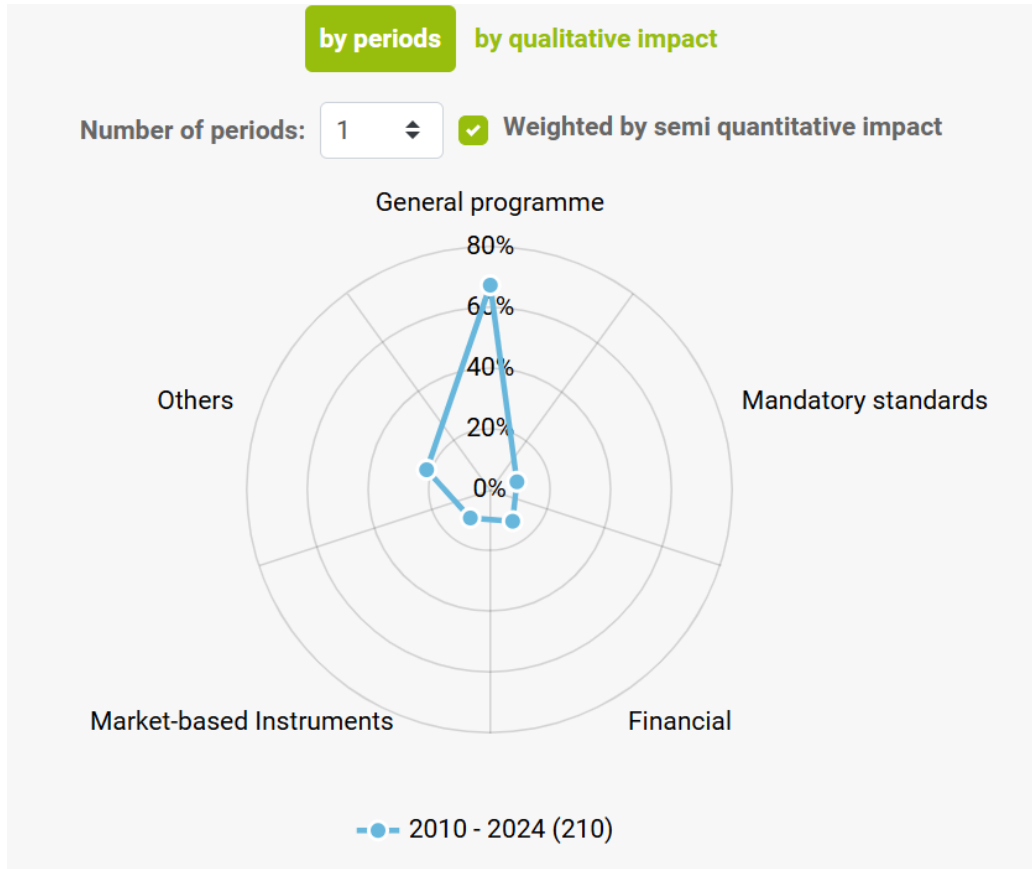


Sector: Industry (EnC)

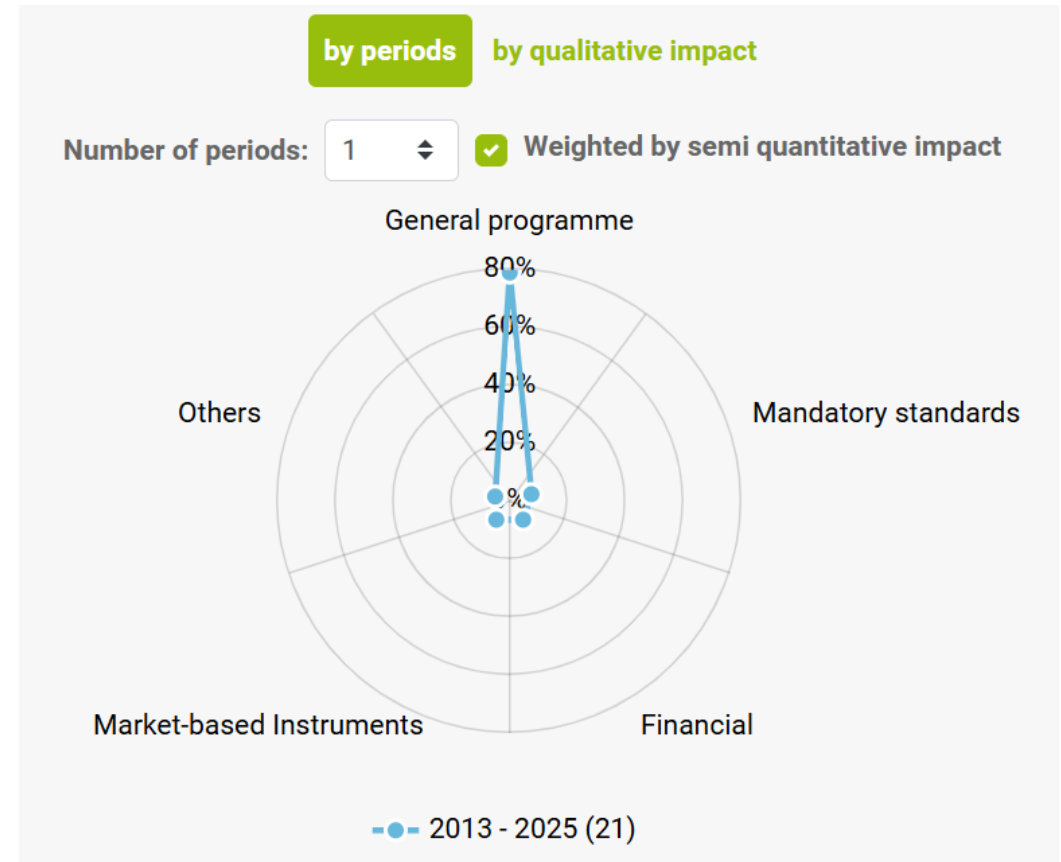
Country	Sector	Title	EU	Type	Starting Year
North Macedonia	Industry	Energy management in manufacturing industries/ Енергетско управување во производните индустрии	No	Mandatory information	2023
North Macedonia	Industry	Introduction of efficient electric motors	No	Market-based Instruments	2020
North Macedonia	Industry	Introduction of more advanced technologies	No	Market-based Instruments	2020
Serbia	Industry	Improvement of energy efficiency in the industrial sector (Unapređenje energetske efikasnosti u sektoru industrije)	No	Financial, Information/training	2010
Serbia	Industry	Incentives for co-generation, natural gas-fuelled high-efficiency plants for combined heat and power generation (CHP) (Podsticajne mere za kog., visokoefikasna pos	No	Financial	2010
Serbia	Industry	Minimum energy efficiency requirements for new and revitalized facilities for electricity and heat production or plants for combined heat and power generation (CHP)	No	Mandatory standards	2016
Serbia	Industry	Introduction of energy management systems in the industrial sector (Uvođenje sistema energetskeg menadžmenta u sektor industrije)	No	Mandatory information, Financial	2017
Ukraine	Industry	Implementation of energy efficiency measures through the energy service mechanism	No	General programme	2021
Ukraine	Industry	Introduction of energy audit and energy management systems at industrial enterprises	Yes	Mandatory information	2021

Sector: General cross-cutting

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Energy Community Contracting Parties



Measures of EnC with...

- **... the same pattern as other EnC**
 - Example Georgia
 - Law of Georgia on Energy Efficiency in Buildings
 - Reduction of losses in electricity transmission networks and grid integration of new generation
 - Utilization of smart meters
- **... different patterns as other EnC**
 - Moldova
 - Implementation of the energy efficiency obligation scheme (period 2024-2026)
 - Serbia
 - Mandatory consumer information on the monthly consumption of electricity and thermal energy or natural gas
 - Ecodesign requirements

- **Impacts**
 - 69 measures out of 99 have impact evaluations
 - 52 measures are high impact measures, 15 medium impact, 32 low impact measures
- **Discussion items for sectors**
 - Households: Issues around measures directed towards energy poverty (measures, HH/Cross-cutting)? Limitations in financial means for Financial Measures (also relevant for other sectors)? > workprogramme EnC secretariat
 - Services: Role of energy services? Role of energy management and energy audit measures?
 - Transport: Impact of CO2 standards for cars and vans (given that there few car producers and still many used cars imported
 - Industry: Role of energy management and energy audit measures? Role of Voluntary Agreements? Emission Trading?



Thank you for your attention!