

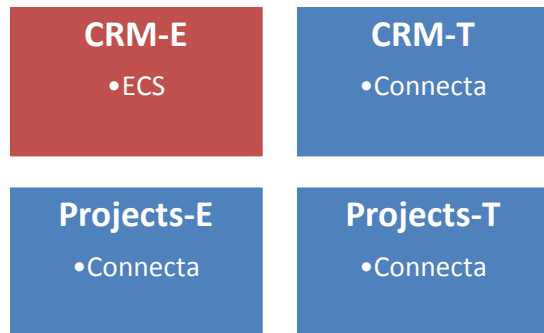


This Project is Financed by
the European Union

Connecta

Technical Assistance to Connectivity in the Western Balkans

Connecta is a special technical assistance facility for transport and energy project preparation as well as for support to connectivity reform measures in transport.



- 4 year programme with initial budget of 7 mEUR;
- Connecta will serve as a "**rapid reaction force**", to finalize smaller remaining parts of TA to quickly mature the project so that it can apply for an investment grant from the WBIF;
- Connecta also assists on regional energy efficiency and renewable projects;
- Connecta - Beneficiary consultations are followed by a **unilateral decision of DG NEAR headquarters.**

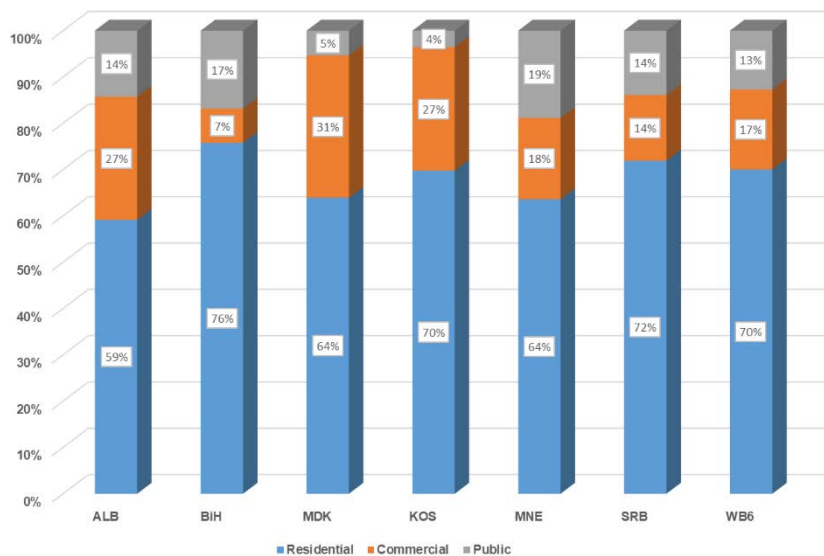
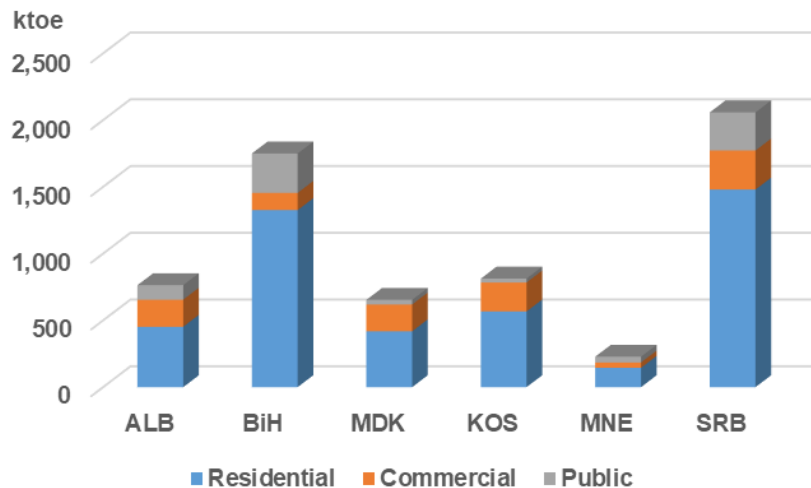


Public Building Stock Study in WB6 countries

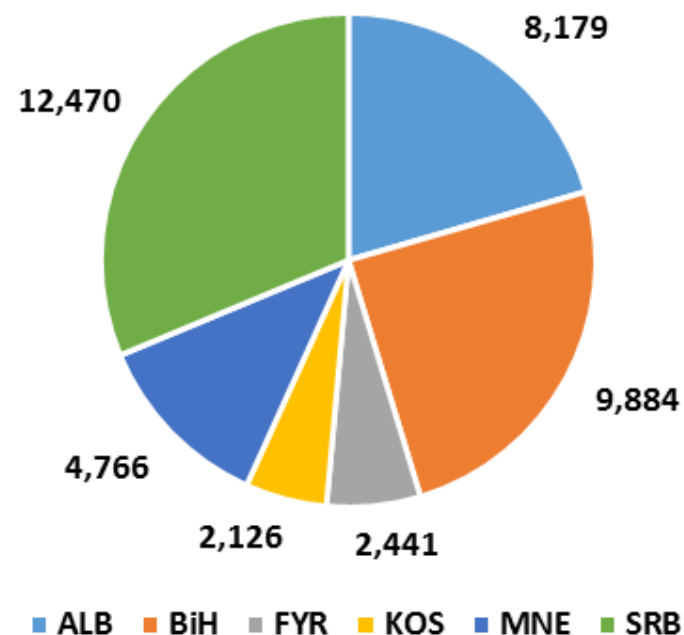
Various relevant studies dealing with EE in Public Buildings such as:

- **Feasibility Study of Energy Efficiency and Implementation Measures in Public Buildings in Kosovo, World Bank, 2015;**
- **Options for the Implementation of an Energy Efficiency Program in the Public Buildings Sector”, World Bank, Serbia, November 2013;**
- **Financing Options for the National Program for Energy Efficiency in Public Buildings (NPEEPB) in the Former Yugoslav Republic of Macedonia 2012–18, World Bank, 2011;**
- **3-year plan for reconstruction of central government administrative buildings 2017-2019, Montenegro, December 2016, including a building inventory;**
- **The Typology of the Public Building Stock in Albania and the Modelling of its Low-Carbon Transformation, REC, 2016;**
- **Building Energy Efficiency in Serbia, Gap Analysis, IFC, January 2017;**

Heat demand



Public building No



Source: World Bank_1134643 - Sector Study on Biomass-based Heating in the Western Balkans, August 2015, TASK 2 REPORT- ASSESSMENT OF HEATING SYSTEMS IN THE WESTERN BALKANS

Connecta will

- review and collect currently available data for Public Building Inventory in the beneficiary countries;
- collect missing data by site visits, i.e. building name, year of construction, type of building, surface area in m² per building and energy data of each building;
- prepare a structured and systematic overview of the public building stock, including calculated specific energy consumption per building in each of the beneficiary countries; and
- compare specific energy consumption with benchmark figures for specific energy consumption in EU27;

Building categories and sub-categories

Central Government buildings

- ❖ Hospital;
- ❖ University;
- ❖ Police station / office;
- ❖ Courts / Prosecution;
- ❖ Library / Culture;
- ❖ Dormitory;
- ❖ Office;
- ❖ Prison / Detention;
- ❖ Army;
- ❖ Rented facility (managed but not owned by government / ministries or public enterprises)

Municipal buildings

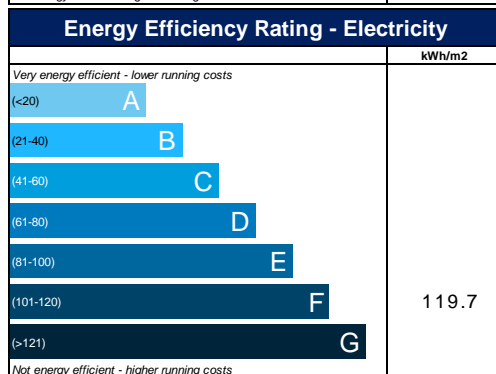
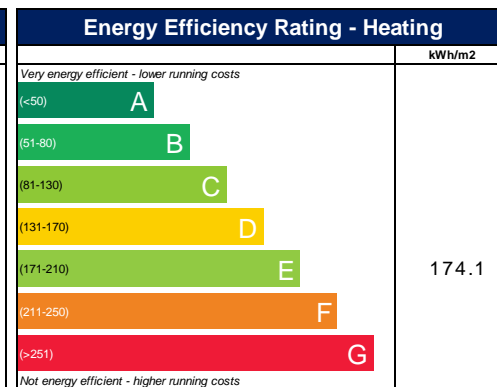
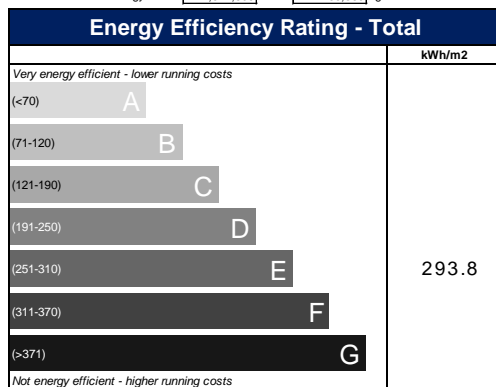
- ❖ Medicine center / Hospital;
- ❖ School;
- ❖ Police station / office;
- ❖ Library / Culture;
- ❖ Dormitory;
- ❖ Office;
- ❖ Sport;
- ❖ Other (firefighting, archive etc.);
- ❖ Station / Substation owned by Public Enterprises;
- ❖ Rented facility ((managed but not owned by municipalities or public enterprises)

Public building - Energy Efficiency Rating			
Country	Kosovo	Region	
City	Prishtina	Building	Primary school AsimVokshi
Building category	Municipal	Sub-category	School
Construction year	1982	Floor area, m2	5,180

Energy consumption	year	2015	HDD	2,394	CDD	835
Electricity, total		620,000 kWh		53,310 kgoe		
Electricity, heating		0 kWh		0 kgoe		
Diesel		68,860 kg		66,314 kgoe		
Heavy fuel				0 kgoe		
Coal/Lignite				0 kgoe		
Natural gas				0 kgoe		
LPG				0 kgoe		
Wood, firewood				0 kgoe		
Wood, pellets				0 kgoe		
Processed heat		130,674 kWh		11,236 kgoe		
Total energy		1,521,906 kWh		130,860 kgoe		

0% used for heating out of total electricity consumption

Energy performance	
Total	293.8 kWh/m2
Heating	174.1 kWh/m2
Electricity	119.7 kWh/m2



Notes:

DIRECTIVE 2012/27/EU

Public Building inventory containing the following data:

- Building name;
- Year of construction;
- Type of building;
- Surface area in m2 per building;
- Energy data of each building (energy consumption by fuel type, i.e. electricity, oil products, gas, biomass, coal/lignite, processed heat etc.);
- Specific energy consumption per building and comparison with benchmark figures for specific energy consumption in EU27;

Next step for the Regional Western Balkan 6 Beneficiaries will be to establish a **publicly available inventory of heated and/or cooled central government buildings** (in accordance with Article 5 of the EED) with the following content:

- Floor area in m²; and
- Energy performance of each building or relevant energy data;

The collected building data and the energy performance is a valuable tool for the beneficiaries to:

- **Upgrade their NEEAP;**
- Put in place **energy management systems**, including **energy audits;**

and

- develop **rehabilitation / large scale Energy Efficiency in Public Building Programs** by IFIs, co-financed by the EU;



CONNECTA Project team

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