



Open Regional Fund for South East Europe Energy Efficiency

Energy efficiency in public buildings in Serbia

SENECA Green

brief update

16th Energy Efficiency Coordination Group Meeting
Energy Community Secretariat
19.03.2018, Vienna

Jasna Sekulovic, GIZ ORF EE Senior Project Manager
Svjetlana Djokic, GIZ DKTi Senior Project Manager



Open Regional Fund for South East Europe Energy Efficiency (ORF-EE)

implemented by
Deutsche Gesellschaft für
Internationale Zusammenarbeit (GIZ) GmbH



As a federally owned enterprise, GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development.

Published by

Deutsche Gesellschaft für
Internationale Zusammenarbeit (GIZ) GmbH

Open Regional Fund for South East Europe-Energy Efficiency

Zmaja od Bosne 7-7a
Importanne Centar O3/IV
71000 Sarajevo
Bosnia and Herzegovina

T +387 33 957 500

F +387 33 957 501

E giz-bosnienherzegowina@giz.de

I www.giz.de

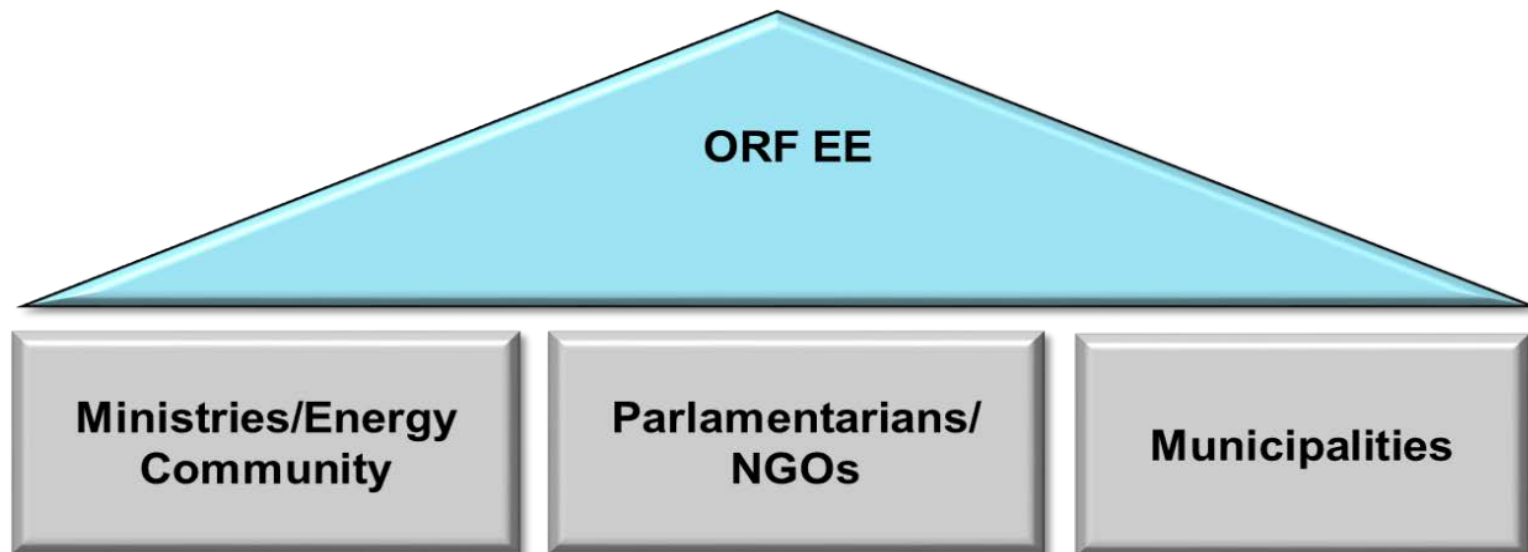
Author

Jasna Sekulovic
GIZ Senior Project Manager



3rd GIZ ORF-EE phase – 05/2017-04/2020

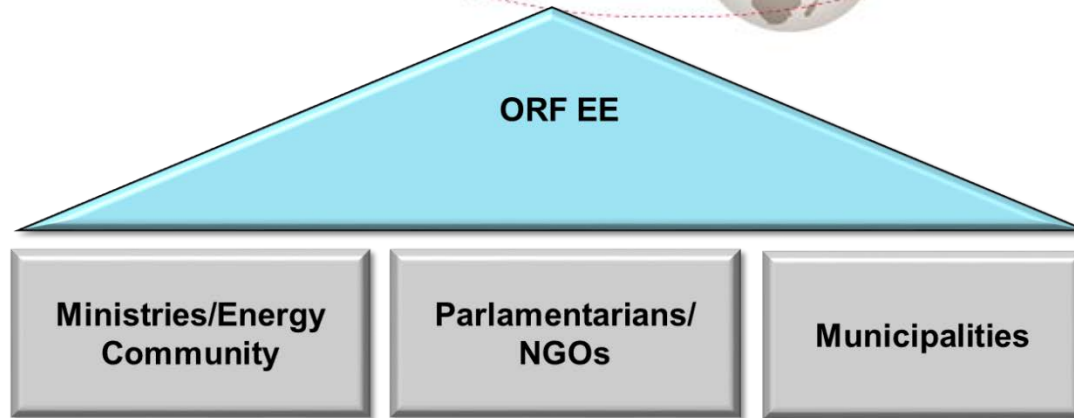
In December 2017 additional funding for urban mobility





GIZ ORF EE Content

1. "Regional cooperation and competence development of parliamentarians of South-East Europe on energy efficiency and climate topics"; ongoing
2. "Urban Mobility in SEE- municipalities in SEE for sustainable and energy efficient transport"; ongoing
3. „Strengthening coordination between national and local level for designing better EE and climate measures in countries of SEE through regionally accepted tools and methods“; in procedure
4. Small-scale activities;



Support to parliamentarians in our six partner countries to shape the political consensus-building process in the field of Energy Efficiency/Climate Protection



ORF EE

Ministries/Energy
Community

Parlamentarians/
NGOs

Municipalities

Establishment of
regional exchange fora

Exchange of
experiences with foreign
parliaments



„Regional cooperation and competence development of parliamentarians of South-East Europe on energy efficiency and climate topics” (1)

- Target groups – members of parliament (MPs), staff members from the relevant parliamentary commissions; ministries in charge for EE
- Strengthening the competences of MPs to position themselves on EE and climate policies; knowledge-based decision making
- Duration: October 2017- September 2019



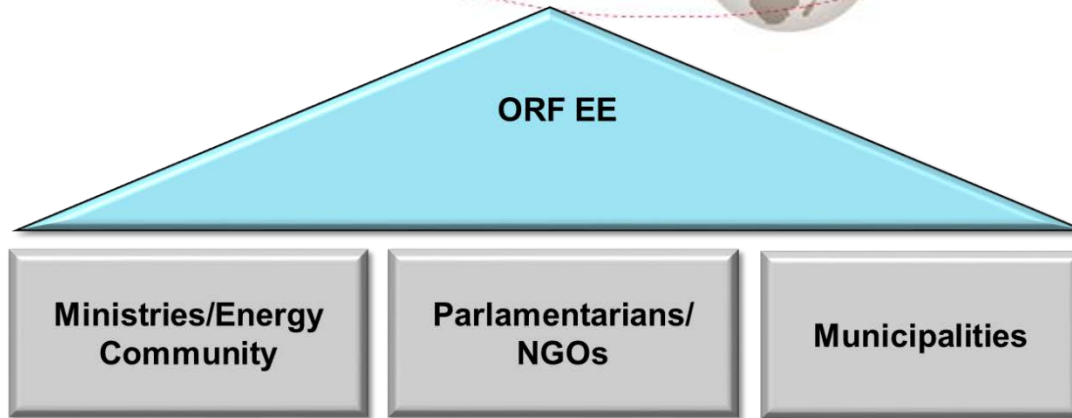
Regional cooperation and competence development of parliamentarians of South-East Europe on energy efficiency and climate topics (2)

- Strong partnership with the Energy Community`s Parliamentary Plenum
- **1st South East Europe Parliamentary Forum on Energy Efficiency and Climate – held on 20th of December 2017 in Vienna;**



Regional cooperation and competence development of parliamentarians of South-East Europe on energy efficiency and climate topics (3)

- Study trip to Berlin- MPs and parliamentary staff;
- 6-9th of June 2018;
- Meetings with Bundestag representatives and site-visits to the best examples in Berlin in field of EE and urban mobility
- Green clubs/groups in the Parliaments in BiH, MAZ, MNE;
- First activities started in Kosovo within the relevant Committee;
- Parliamentary Energy Forum in the SER Parliament:



Energy management in
municipalities

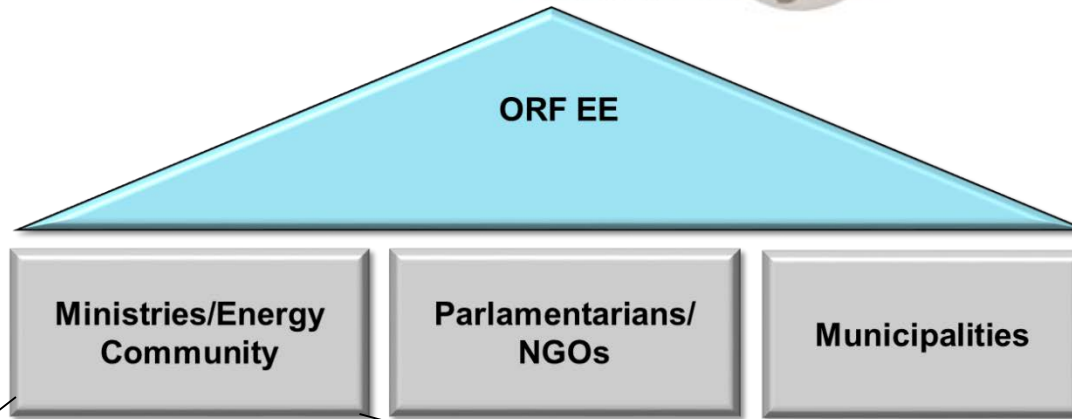


Energy efficient urban
transport schemes for
capital cities (SUMP)



„Sustainable urban mobility in SEE - Cities from SEE together towards sustainable and energy efficient transport“

- 12/2017-04/2020; Capital Cities and Associations of local self-governments;
- Capacity development for the design of an energy-efficient, climate-friendly urban mobility; Development of the energy efficient, sustainable and green transport solutions for SEE cities by using of EU good practice;
- SUMP (Sustainable Urban Mobility Plan); development and implementation;
- Pilot projects; trainings;



Support to the line ministries in the six partner countries to create a regulatory and institutional framework to establish guidelines and/or regulations relevant for Energy Efficiency



ORF EE

Ministries/Energy
Community

Parlamentarians/
NGOs

Municipalities

Improvement of MVP
user-friendliness and
quality

Elaboration of
procedures for selected
articles of the EED



„Strengthening coordination between national and local level for designing better EE and climate measures in countries of SEE through regionally accepted tools and methods“

Planned beginning in May 2018:

- MVP is to be used as a central database for municipal plans;
- MVP is to be used as a tool for evaluation of cost-effectiveness of different EE measures;
- MVP is to be used to monitor EED implementation: Article 5, Article 7 and Article 3;
- MVP is to be extended for calculation of primary energy savings (Article 14 & 15);
- MVP is to become official national tool for NEEAP (and municipal plans) implementation monitoring



Small-scale activities

- 3rd Energy Community`s Summer School 2018– 25.08-01.09.2018, Split, Croatia; Applications till end of March;
- Support to the new established Energy Community`s Energy and Climate Committee;
- Rulebooks for eco-design in Montenegro;



Serbian – German development cooperation Project

ENERGY EFFICIENCY IN PUBLIC BUILDINGS (DKTI EE)

**implemented by Deutsche Gesellschaft für
Internationale Zusammenarbeit (GIZ) GmbH**



As a federally owned enterprise, GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development.

Published by

Deutsche Gesellschaft für
Internationale Zusammenarbeit (GIZ) GmbH
Energy Efficiency in Public Buildings in Serbia

32 Sanje Zivanovica St.
11000 Belgrade
Serbia

T/F +381 113690 650

E ee-project@giz.d

I www.giz.de

Author

Svjetlana Djokic
GIZ Senior Project Manager



Project Overview

DKTI Project “Energy Efficiency in Public Buildings” 10/2015 - 12/2019

Objective: Preconditions for the reduction of the emission of greenhouse gases through increased energy efficiency (EE) in public buildings are improved.

Rules & Regulation

Support drafting of legal / regulatory documents on EE legal reform
Facilitate dialogue and consultation processes

Cost & Potential Assessment

Support utilization of cost benefit analysis for EE investment decisions
Assist with development of CBA tools

EE Knowledge Hub

Assist establishment of a knowledge hub for EE
Facilitate operations of the knowledge hub

Training

Facilitate establishment of training offer for janitors (in S&K)

Key political partner: Ministry of Mining and Energy

COMPLEMENTARY: HORIZON 2020 “EmBuild”- 3/2016 – 9/2018, empowering public authorities to formulate building renovation strategies that foster deep renovation and facilitate the acceleration of the renovation rate



Area of Intervention 1 – Rules & Regulation

GOAL: Coordination and consultation processes result in recommendations for **strengthening legal framework** related to EE in public buildings

ACTION / RESULTS:

- Support to implementation of EED Article 5
 - Definition, approach, inventory – support by BPIE (Guidelines for implementation in Serbia “Exemplary role of public bodies’ buildings”)
 - Drafting the Program for renovation of CGBs
- Support to upgrade of EE rulebooks
 - Cost-optimization and definition of min. energy performance requirements of (office) buildings – partly EPBD Art. 4
 - Support to WG
- Broad consultation processes with relevant stakeholders (inter-sectoral WGs / CGB WG, Parliament, City Councils, etc.), also including CSOs and private sector



Area of Intervention 2 – Cost and Potential Assessment

GOAL: Public institutions are able to include **cost-benefit-analysis for EE measures** in their investment decisions on renovation of **public buildings**

ACTION / RESULTS:

- National typology of schools (also including RE)
- National typology of kindergartens
- Cost-benefit analysis tool for EE investments in schools
 - Mayors (and other decision makers) aware of potential savings and economic benefits of renovations in schools including EE
 - Energy managers of pilot municipalities can prepare priority lists of renovations including EE



Area of Intervention 3 – EE Knowledge Hub / Platform

GOAL: Relevant **Serbian institution(s)** operate **a knowledge hub / platform** on energy efficiency in buildings

ACTION / RESULTS:

- Interest Analysis (public interest analyses and qualitative research conducted with state institutions, public enterprises, academia, companies, NGO)
- UoB FoA and Standing Conference of Towns and Municipalities – key partners
- Fostering national EE targets through awareness & knowhow
- Clustering of know-how, experience exchange, knowledge transfer



Area of Intervention 4 – Training

GOAL: Training offers on the topic of EE in public buildings available for janitors in schools and kindergartens

ACTION / RESULTS:

- Situation analysis and training needs assessment
- Participatory development (inter-sectoral WG) of short-term training offer for existing janitors of up to 6,000 (est.) S & K
- Training concept and curricula
- ToT in Bielefeld, Germany (Feb 2018)
- Awareness raising campaigns for schools staff (principals, teachers, staff and pupils)
- (experience and) possible replication of model for other public buildings



FV SENECA green – TG Energy





FV SENECA Green in brief:

- Network of the GIZ projects, which cover the sector of all environmental topics (energy, climate, waste and biodiversity) in the region Eastern Europe, Caucasus & Central Asia;
- 120 colleagues from 40 projects;
- Speaker of the WG for Energy: Gregor Brömling;
- Encancing a professional exchange within GIZ;
- Recently formed SENECA GREEN Task-Force IDA (Integrated Digital Application);
- Virtual linkage and establishment of the internal GIZ-platform where all the pruducts, softwares; publications ..could be shared
- Creation of catalogue of GIZ tools and instruments ongoing



Thank you for your attention!

Jasna Sekulović
Senior Project Manager
GIZ ORF EE
Nikca od Rovina 27
81000 Podgorica, Montenegro

+382 20 208 005
jasna.sekulovic@giz.de
<http://www.giz.de/>
<https://balkangreenenergynews.com/category/giz-orf-ee>

Svjetlana Đokić
Senior Project Manager
GIZ DKTi EE
Sanje Živanovića 32
11000 Belgrade, Serbia

+381 11 3690 650
svjetlana.djokic@giz.de
<http://www.giz.de/>