

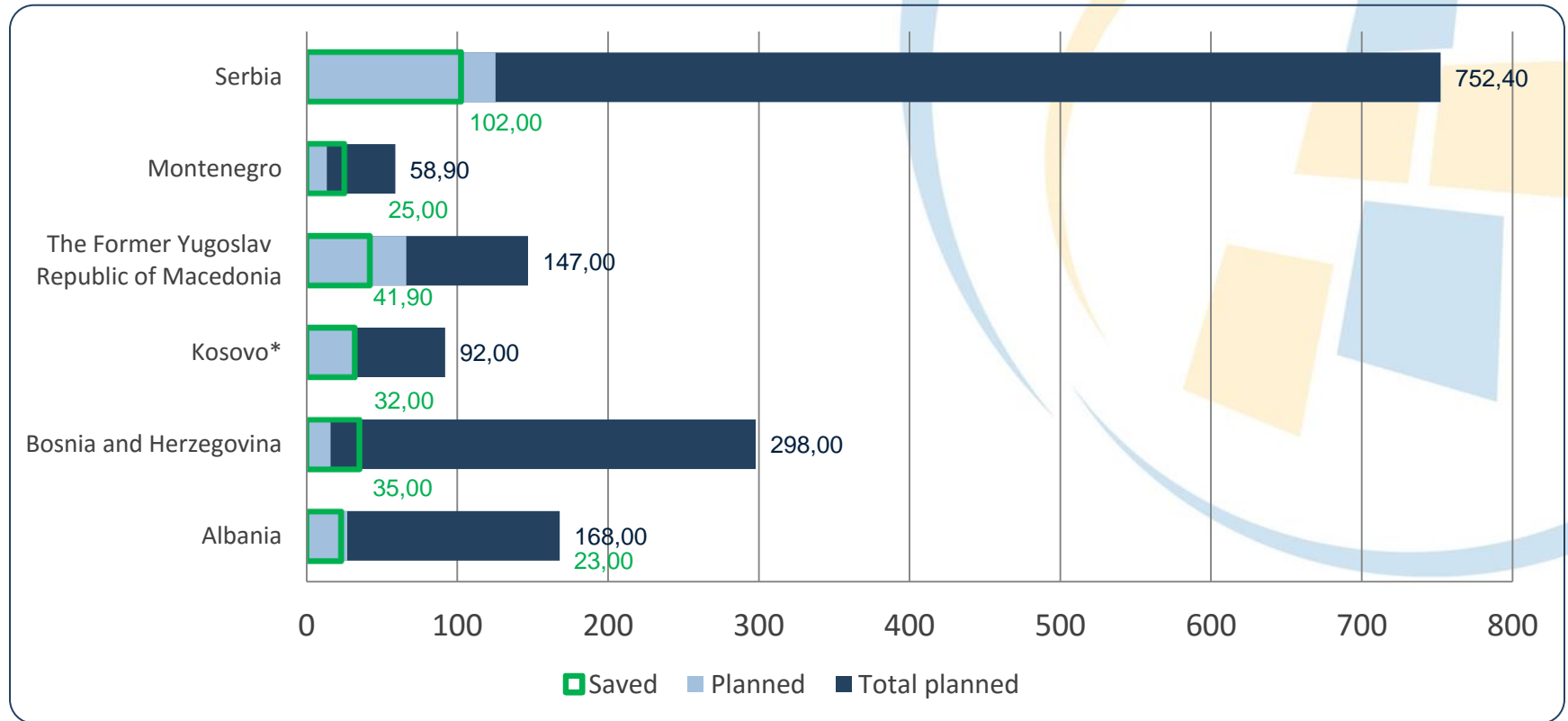
Regional platform for energy management in public sector

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Expert on Connectivity
14th November 2016

Support the SEE economies in achieving their Energy Efficiency targets

- Idea for establishing a Regional platform was presented in June 2015 at the EECG meeting held in Podgorica;
- Obligatory 9 % - stemming from Directive 2006/32/EC
- SEE 2020 Strategy introduced this as its own target to be achieved by 2018.
- We intend to support our participating economies achieve this target.

Energy saving target in SEE



*This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence

Potentials in the public sector

- Still a lot has to be done in order to reach the commitments.
- Despite a lot of efforts in the region, EEAPs adopted the impression is that there is still a lot of space for improvement, especially in the public sector.
- Public sector is one with highest potential and that is required to play an exemplary role.
- Two main subsectors are recognized as the sectors to be covered in the first phase:
 - municipalities; and
 - educational sector.

Two subsectors to be covered in the first phase

- municipalities

Local governments are managing main systems which use huge amounts of energy for their operation:

- Public buildings;
- Public lighting;
- Water supply systems;
- Sewage water systems.

- educational sector

Responsible for all educational and other ancillary facilities/buildings and uses enormous amounts of energy.

Status in South East Europe

Whole public sector is extremely weak progress made so far does not promise achieving the overall target.

RCC seeks to support participants in managing energy in these subsectors.

- Decrease energy consumption;
- Decrease cost (in addition to energy consumption);
- Increase a comfort;
- Enhance effectiveness and efficiency of public sector;
- Improve living standard of citizens;
- Strengthen competitiveness of economies;
- Accelerate sustainable economic development;
- Enable investments - especially - ESCO;
- Improve the status of the environment;
- Help economies achieve their Paris climate agreement commitments.

RCC Regional platform

- We are going to develop software - application;
- Necessary hardware;
- Infrastructure and interface;
- To provide training for users;
- And deliver manual and other necessary material.

RCC Regional platform

- To develop platform which will embrace:
 - around 520 municipalities.
 - Sector of education with thousands buildings in the region.
- The platform will enable entering on data on consumption of:
 - electricity;
 - sanitary water;
 - energy for heating and cooling;
 - other energy carriers;
 - data on buildings (useful area and other main parameters);
 - data on transportation means;
 - data on fuels consumed (in transport);

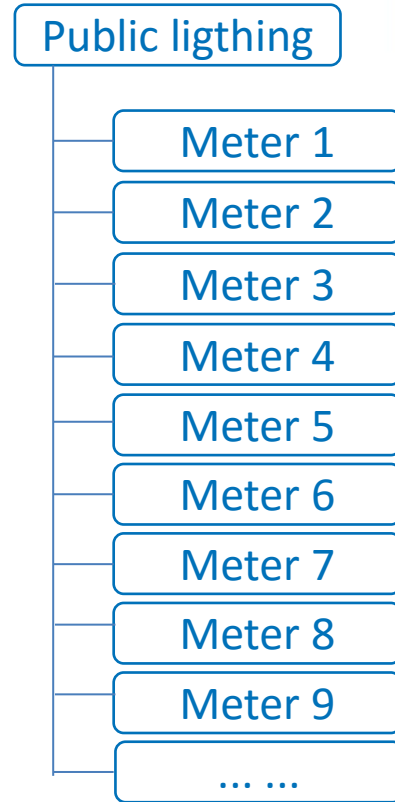
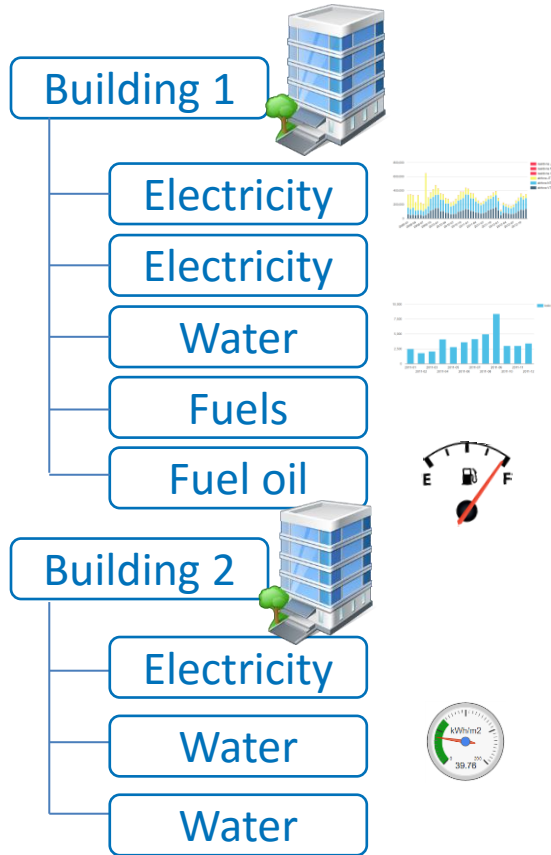
RCC Regional platform

- By data entering - accuracy check will be performed for each invoice; (data entering may be manual, in a form of an electronic data transmission, QR code scanning, or some other way)
- The platform will:
 - enable monitoring of energy and water consumption
 - per different criteria (individually, per groups, units...);
 - will provide graphical and tabular presentation of consumption;
 - comparison of similar units (municipalities with similar population, or similar buildings in the region);
 - have flexible structure (extension of closing of some facilities);
 - contain module / inventory of public building stock.

The aim of the Regional Platform

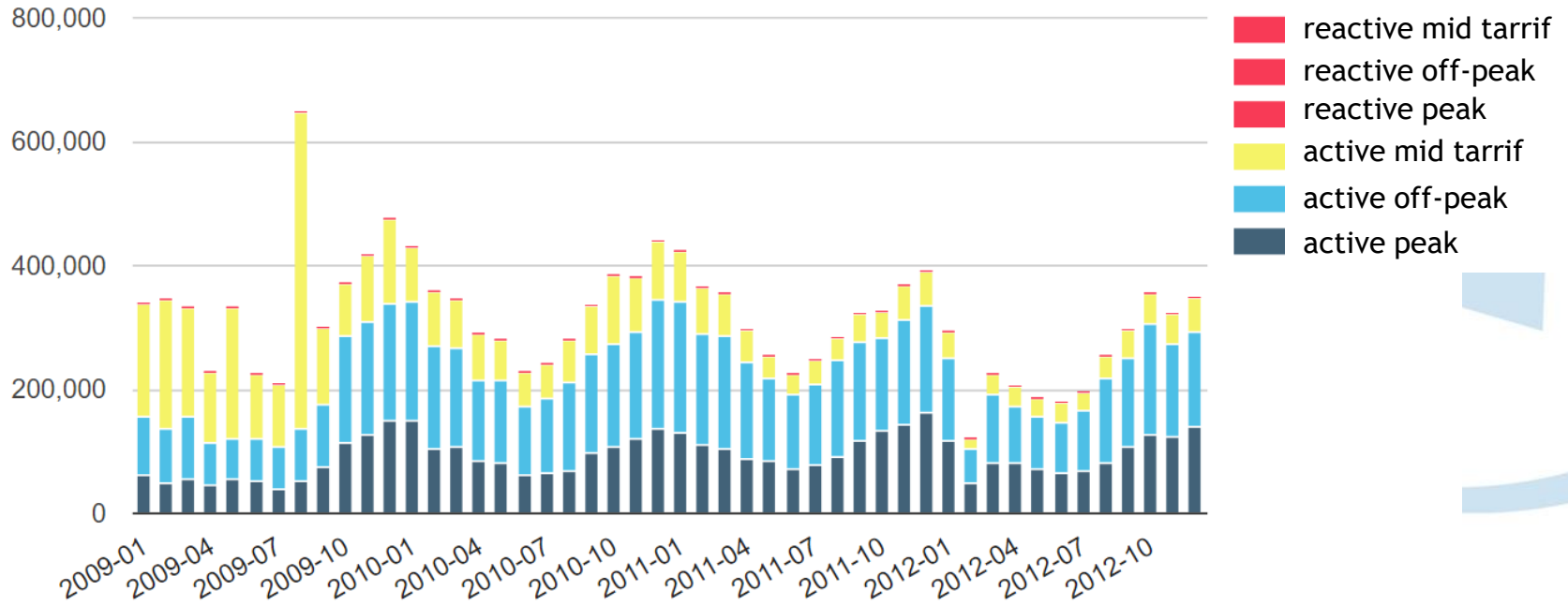
- Supporting achieving of the obligatory energy savings target (9%);
- Supporting implementation of the acquis in the field of energy efficiency;
- Monitoring of CO₂ emissions from public sector.
- Supporting the achievement of the commitments stemming from the Paris Climate Agreement.

The structure of the Platform

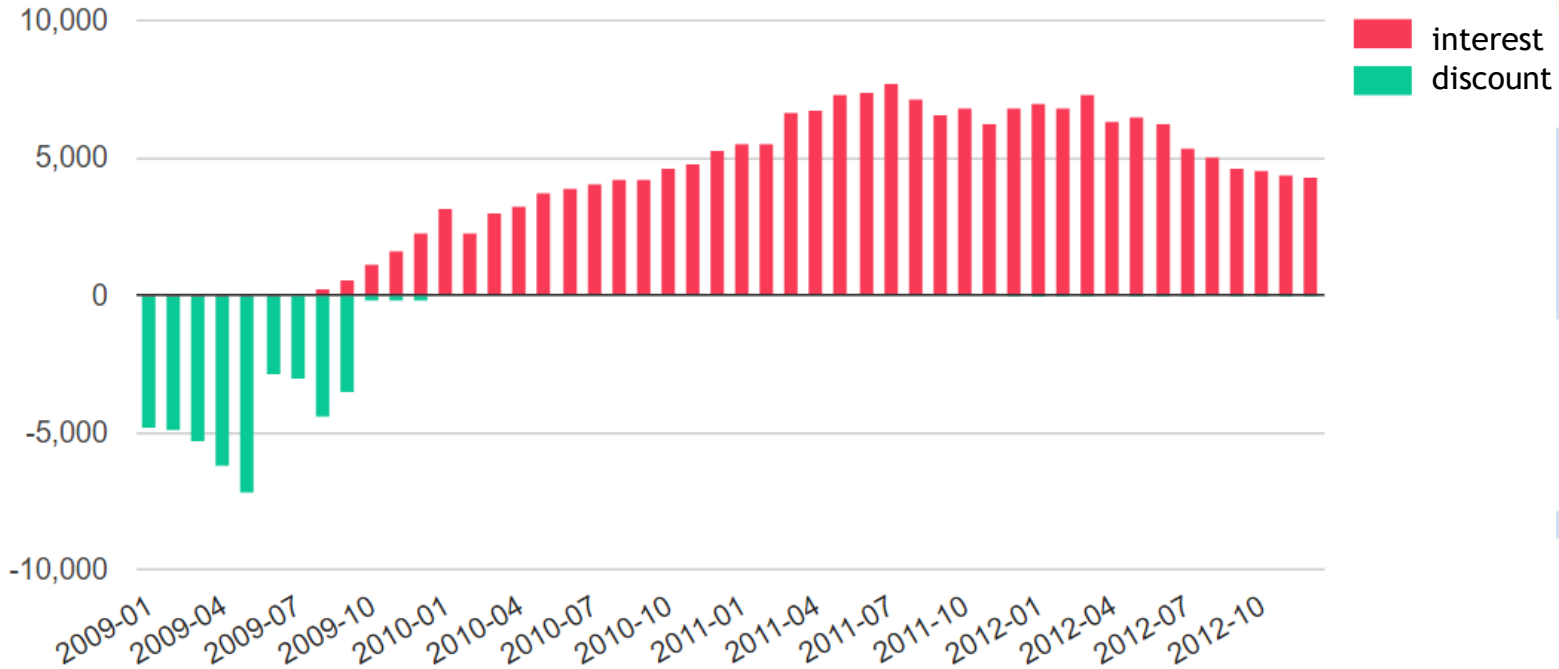


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Reports - consumption of electricity



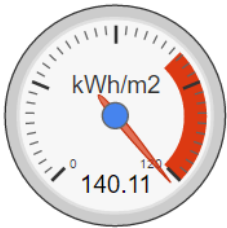
Reports - financial income and expenses



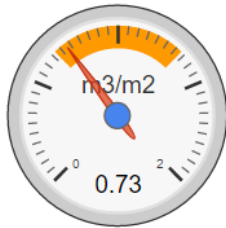
Reports - on main parameters of a building

- Energy and water consumption in each building, and CO₂ emissions.
- Calculation of energy efficiency indicators (based on data entered during the year);
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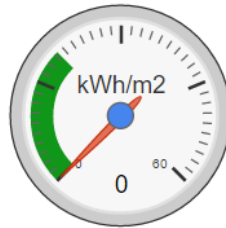
electricity



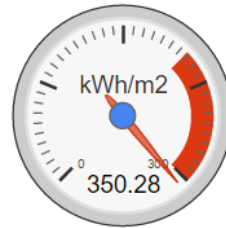
water



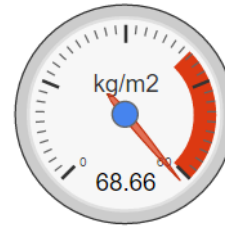
energy



Primary energy



CO₂ emissions



Good.
Better.
Regional.



Thank you!

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