

European Union Covenant of Mayors

Demonstration projects: factsheet

Project: Thermal refurbishment of 2 kindergartens and establishment of the local biomass chain (vineyard pruning residues) in Telavi (Georgia)



Country	Georgia
Region	Kakheti region
Municipality	Telavi
Covenant Signatory since	March 2014
Sustainable Energy Action Plan approved	May 2015
Sustainable Energy Action Plan targets by 2020	CO ₂ emissions: -21 %
Demonstration project duration	May 2018 – April 2021
Demonstration Project budget, incl.	748,641 EUR
European Union grant	598,913 EUR
City contribution	149,728 EUR

What is to be done?

- Comprehensive thermal refurbishment of two municipal kindergartens
- Establishment of the local biomass logistic chain and using of vineyard pruning for heating instead of natural gas or wood



Who will benefit?



280 children will have more comfortable temperature and humidity conditions in the kindergartens



47 staff members of the kindergartens will work in more comfortable indoor conditions



41 people (project team, construction workers, experts, etc.) involved in the project implementation will contribute to local economic development





EU4Energy



Covenant of Mayors
for Climate & Energy

Demonstration Projects
Eastern Partnership



What will be achieved?



497 MWh/y, or 76%
energy savings

=



annual energy
consumption of **27,233**
mobile phones

=



annual energy
consumption of
4,602 TVs



166 t/y, or 96%
reduction of **CO₂**

=



annual emissions
from **106** new
cars

=



7,545 trees needed
to be planted to
absorb such
amount of **CO₂**



201 MWh/y, or 100 %
production energy for
heating from renewable
energy sources

=



annual energy
consumption of **11,014**
mobile phones

=



annual energy
consumption of
1,861 TVs



Monetary savings **15,515 EUR** annually

=

0.14 % of the total budget of Telavi municipality

Covenant of Mayors is the world's largest movement for local climate and energy actions, supported by the European Union. In the Eastern Partnership region, over 400 local authorities have voluntarily committed to reduce their CO₂ emissions by at least 20% by 2020 or 30% by 2030. The European Union has been supporting the Initiative in Eastern Partnership countries since 2011 with its technical, methodological and financial assistance of over 30 million Euro. This includes grants and tailor-made technical support for 34 municipalities for demonstration projects since 2015, predominantly in the area of energy efficiency.

Covenant of Mayors — Demonstration Projects

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