Slovenia Case study – Energy-efficient retrofitting of primary schools in Bilje

Country	**Slovenia**
Sector	**Buildings**
Year	2011 ongoing
Narrative description	Before the intervention, the primary schools in the Bilje area of Miren-Kostanjevica were badly insulated, very inefficient and also not well heated, causing a lot of discomfort for school children and teachers in the buildings. After the intervention, the thermal comfort was not only substantially improved for the buildings' occupants, but the municipality also made significant financial and energy savings thanks to the energy efficient retrofitting of the Bilje primary schools. GHG/energy savings: GHG emissions reduced by 53,4 t/y Energy savings: 89,7 MWh/y Financial aspects / cost of realisation / benefits Investment cost: 226,000 EUR Annual return on investment: 2.6% over 30 years (life expectancy of measure)
Responsible authority	Municipality of Miren-Kostanjevica
Relevant legal basis	Slovenian law on local energy concepts, Art. 324 EZ-1 and Art.325 EZ-1, grants for building refurbishment from MZIP (Ministry of Infrastructure and Spatial Planning)
Policy Type	Subsidy and public intervention

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Governance Level/ Target audience	**Local governance with citizens (school children, teachers) as beneficiaries**
Objectives	In Miren-Kostanjevica, the energy-efficient retrofitting of three Bilje primary schools (insulation of facades, replacement or installation of windows/doors, insulation of the ceiling unheated space) has enabled the municipality to make significant financial and energy savings.
Summary of reasons for success	The national grant provided to the municipality was also key in facilitating its investments in retrofitting the primary schools in Bilje, as the technical support provided through the EU-funded Alterenergy project and the involvement of the Golea regional energy agency from Nova Gorica to provide expertise.
Replication potential	Measure can be disseminated and scaled up nationally and across EU, and its uptake in other municipalities in the Adriatic region was notably being facilitated through the EU - funded project Alterenergy - energy sustainability for small communities in Adriatic region (Instrument for pre-accession assistance): http://www.alter-energy.eu/
Relevant website	https://www.pilsetumerupakts.eu/zi%C5%86as-un-pas%C4%81kumi/zi%C5%86as-un-pas%C4%81kumi/zi%C5%86as/1440-covenant-of-mayors-cities-help-your-peers-replicate-your-cost-effective-good-practices.html