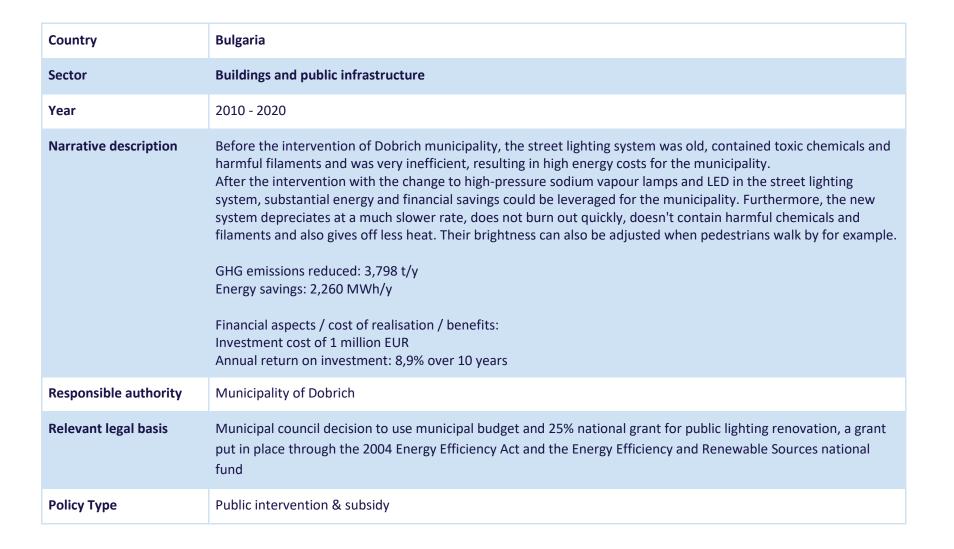
Bulgaria Case study – Energy-efficient reconstruction of street lighting system





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Governance Level/ Target audience	Local
Objectives	The project for the energy-efficient reconstruction of Dobrich streetlighting system was implemented step-by-step with municipal budget and 25 % national grant for public lighting renovations. The key objective was to change existing lamps with new high-pressure sodium-vapour lamps (6350 lamps - 50,70,100, 150W and 1000 LED - 24 and 36 W). Also, the municipality changed part of the existing cable network and renewed the commutation equipment. As additional optimization of the existing system, new lines with LED were also developed.
Summary of reasons for success	National grant for public lighting renovation from Bulgarian government was key for municipality to undertake investment and obtain a quick win & reap a low hanging fruit in implementing energy efficiency measures; Recommendation for SE Europe countries to put in place similar national funds for supporting such measures in municipalities
Replication potential	Measure can be scaled up and replicated to municipalities across the EU, and can also be taken a step further with involvement of an ESCO through Energy Performance Contracting: see for example the work done by the EU Intelligent Energy Europe programme funded "Streetlight EPC project": http://www.streetlight-epc.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