

SUSTAINABLE ENERGY PLANNING IN SLOVENIAN MUNICIPALITIES

TRAJNOSTNO ENERGETSKO NAČRTOVANJE V SLOVENSKIH OBČINAH

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Abstract

One of the European initiatives responding to the global challenges of climate change, on the local level, is the Covenant of Mayors (CoM), a voluntary agreement of cities and municipalities to improve energy efficiency, the usage of renewable resources, and carbon dioxide (CO₂) reduction by 2020. Our study represents a process of sustainable energy planning and analyses two Sustainable energy action plans (SEAPs) in Slovenia, offering an in-depth view of the improvements, which are composed of technological measures and “soft” measures, such as education and awareness raising. Further recommendations are made regarding the SEAP preparation, implementation, and monitoring, considering a systematic and holistic approach towards more sustainable local communities.

Povzetek

Ena izmed evropskih iniciativ, ki uresničuje skupne globalne izzive na lokalnem nivoju je t.i. Zaveza županov. Predstavlja prostovoljni dogovor mest in lokalnih skupnosti, z namenom povečati energetske učinkovitost, uporabo obnovljivih virov in zmanjšanje izpustov ogljikovega dioksida do leta 2020. V našem prispevku predstavljamo proces trajnostnega energetskega načrtovanja in analizo dveh trajnostnih energetskega akcijskih načrtov v Sloveniji. Podrobna analiza ukrepov za izboljšanje prikazuje, da so le-ti sestavljeni iz tehnoloških izboljšav, kot tudi t.i. »mehkih vsebin«, med katere sodita izobraževanje in ozaveščanje.

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