

Developing Alba Iulia Sustainable Energy Action Plan (SEAP)

Alba Local Energy Agency [Romania]

Context

The municipality of Alba Iulia decided in 2010 to join the "Covenant of Mayors" initiative, which is promoted by the European Commission, and to take a unilateral commitment to reduce CO₂ emissions in its territory by more than 20% by 2020. This commitment is the answer, in terms of energy and environment, that local government undertakes to cope with the challenges posed by urban development in the recent decades: environmental pollution induced by accelerated development, management of traffic in expansion, urban waste management, the need for quality public utility services. It requires a coherent approach to municipal actions to reduce the impact of urban activities on the environment, to increase the quality of public services and utilities for increasing economic competitiveness.

Description and Main Objectives

The Sustainable Energy Action Plan (SEAP), conducted together with Alba Local Energy Agency and integrated in the "Development Strategy Alba Iulia" developed in 2005, is the key document defining the energy policies of local government for the next 10 years in order to reduce CO₂ emissions throughout the city. This plan includes a number of measures in the short and medium term aimed to increase the energy efficiency of public buildings, a rational use of energy in homes and buildings in the tertiary sector, a sustainable urban transport system, the modernization of public lighting system and to produce a significant part of renewable energy required.

This strategy aims at:

- Integrating the municipality into Covenant of Mayors initiative, providing a methodology to track and develop energy efficiency at municipal levels in different sectors;
- Developing a document that will represent a baseline of energy consumptions, CO₂ emissions and proposed measures to reduce them by 24%;
- Improving the lives of citizens.

The strategy formulated three basic approaches Alba Iulia:

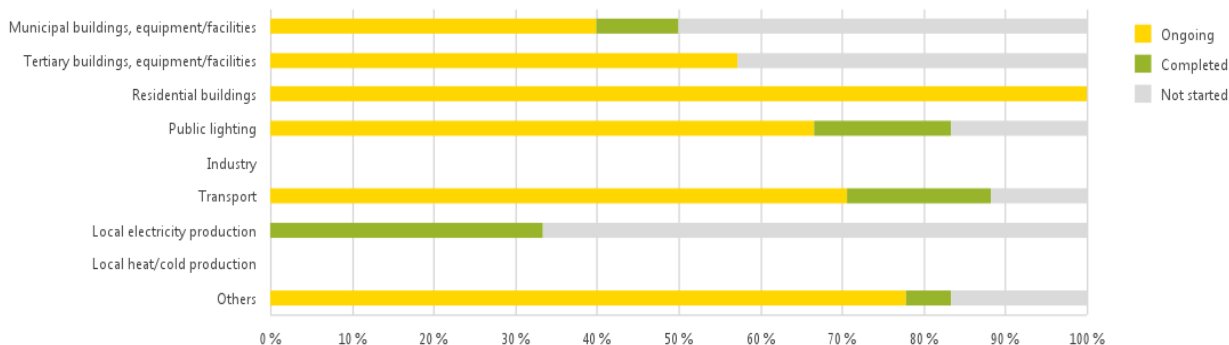
- "City residents" - Improving quality of life;
- "Tourist City" - Development of cultural tourism and city image promotion;
- "City investors" - Promoting business environment.



Implementation Strategy

Alba Iulia SEAP is under implementation; some actions from SEAP were already finalised, other are currently under implementation; as shown in Monitoring Report of SEAP (2015) 16% CO₂ reduction was achieved in relation with the target of 24% CO₂ reduction for 2020.

Status of implementation of actions



RES installation on several municipal buildings in Alba Iulia (PV solar) - Copyright: ALEA

Budget

The funding was provided by regional authorities (Alba County Council, Alba Iulia municipality) and through other IEE projects on sustainable energy development.

Time Frame

Start date: 2010 - End date: 2012

Contacts & Links

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