



# Solar roof „Špansko”

## THE CITY OF ZAGREB



## Objectives

The Solar Roof Špansko is an innovative solution and great response to the key issues of our time - climate change and CO2 emissions. Its purpose lies in providing a significant energy savings by implementing the newest energy efficient technology and setting an example to encourage others to also use RES system in their households.



## Methodology

1. Signing contract between the association HSUSE and the City of Zagreb regarding granting financial aid for implementation of energy efficient activities and technologies
2. Implementation of the activities of the granted project
3. Continuous evaluation of the preformed activities



## Benefits/Results

Through the use of solar power, the bills for heat and warm water have been reduced by 80% and 25% more electricity is produced annually than is necessary for a family of six.

The Solar Roof Špansko project demonstrates large savings in household energy: heating energy up to 60%, electrical energy up to 50% and water energy up to 55%. Also, this project enables decrease of green-house gas carbon dioxide emission.





The Solar Roof Špansko opens its door to the visiting groups of pupils, students, expert associations and citizens continuously since 2008. Experts of the Solar Roof Špansko inform visitors about development and possibility to apply new energy efficient technologies as well as new solutions for the electric energy production system and use of hot water through the renewable energy sources by the example of an individual family object. The educational program of the mentioned project is organized by HSUSE (Croatian expert association of solar energy) which is active in promotion of solar energy use on local, regional and international levels.



## THANK YOU

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