

ZAGREB

Citizen involvement and social innovation
are key to post-carbon development

Zagreb is the capital city, with 792,875 inhabitants, in the north-west of Croatia. Zagreb's economy is mostly based on trade, services (banking, creative & IT) and industrial production (chemicals, electric machines & devices, and food & drinks processing). GDP per capita is €18,800.



Vision for a post-carbon city

- A city with a largely localised economy, producing zero waste and pollution
- A city with integrated planning, active public spaces, and increasing polycentric activity – all achieved through civic participation
- A compact city, planned in accordance with demographic predictions, which recycles its spaces, encourages multi-functional and energy-efficient construction
- A city that preserves its natural environment and resources, encouraging symbiosis between urban and rural areas in a green zone
- A healthy city with happy, long-lived citizens
- A city in which free, critical, creative and holistic education is available for everybody and produces active citizens

POCACITO process in Zagreb

Transition to post-carbon development needs to be community-driven.

Discussion at the POCACITO Workshop

The POCACITO participative process in Zagreb included workshops and local dissemination activities.

Four workshops were held:



The main action fields were: poor waste management and implementation of energy efficiency measures, unsustainable transportation, ineffective land use, high unemployment, weak economy, lack of participation, low awareness and education about environmental and social issues.

Will Zagreb achieve transition to a low-carbon society?

Existing and planned measures have been modelled in POCACITO under a business-as-usual (BAU) and a post-carbon 2050 scenario.

Key results:

- Energy consumption in the post-carbon scenario is 22.8% lower than in the BAU scenario
- Greenhouse gas emissions in the PC2050 scenario are at 1.24 tCO₂e/capita, which is significantly lower than in 2008



Turning parking lots into a playground (City Acupuncture project)

Where should Zagreb act?

Circular economy

- Resource efficiency and waste reduction: energy renovation of buildings and houses, decentralised renewable energy sources, reuse and recycling centres, local food production

Participatory management

- Engaged citizens and transparent governance: sustainable land use and transportation, participatory planning and decision-making

Solidarity in the community

- Active and educated citizens: non-formal education, healthy lifestyle, inclusion of marginalised groups, social entrepreneurship

POCACITO – Post-Carbon-Cities of Tomorrow – is a European research project that studies the decarbonisation of European cities. Key to the project was participation in ten case study cities, in which participants developed a common post-carbon vision for their city in 2050.

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