

Project DELIVER:

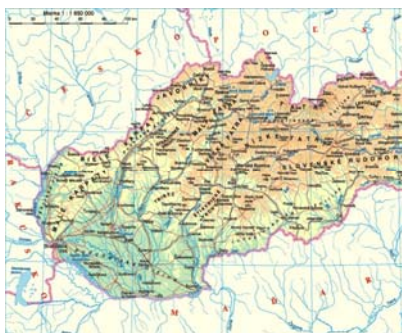
DEveloping resilient, low-carbon and more LIVable urban Residential area



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Location: Bratislava, Karlova Ves Municipality, SLOVAKIA

Realization timeframe: 2018-2023



Story: The City of Bratislava is the capital of the Slovak Republic. Almost a decade ago, the City signed the Covenant of Mayors on Climate and Energy and voluntarily made a commitment to reduce the carbon footprint and help the city adapt to climate change. Bratislava is gradually incorporating this commitment into strategic documents such as the new PHSR – Bratislava 2030 Plan. The city plants trees, builds bike paths, promotes public transport and revitalises public spaces.

Most of Bratislava's urban areas are housing estates, built in the second half of the 20th century. Residents in them are more vulnerable to climate change, especially to heat waves or local floods. Important adaptation measures mostly in the area of microclimate adjustment are new green areas and new greenery in public spaces, including squares. Adaptation measures also include rainwater management and increasing the water retention and permeability of natural and artificial surfaces. Other activities are devoted to increasing the awareness of residents in the field of response to climate change.

The DELIVER project: It was implemented by the Local Government Office of the Bratislava-Karlova Ves Municipality

Detailed goals:

- Increase the resistance of housing estates to climate change
- Reduce the value of the "carbon footprint" in Bratislava-Karlova Ves Municipality
- Improve the quality of public spaces with an emphasis on green measures and biodiversity support
- Increase the education and awareness of the population

The effectiveness of some green and blue measures in urban development was documented by microclimate measurements. Using this knowledge, it is possible to decide on the type and structure of appropriate adaptation measures against climate change with regards to specific solutions in individual urban conditions

Added value: The DELIVER approach is applicable in larger cities of the wider Danube Region. This region belongs to a moderate climate zone with common impacts of climate change. The most important of them are heat waves and floods.

Similarly, the principles and procedures for increasing the education and awareness of the population can be used for the majority of the population living in cities and urban agglomerations.

