

THE ENGAGEMENT OF CITIZENS IN THE MANAGEMENT OF URBAN FORESTS: THE LIFE URBANGREEN EXPERIENCE IN KRAKOW

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ABSTRACT

How do we make the ecosystem services of urban green areas and their benefits against climate change visible in real-time and even more effective? The cities of Krakow (Poland) and Rimini (Italy), together with their technological and scientific partners, addressed these topics in the LIFE URBANGREEN project.

METHODS

Retrieved data on ecosystem services is based on **new algorithms** developed during the project, which consider the tree species, their age and size, the daily weather condition and transpiration coefficients, measured on hundreds of trees over a period of three years.



INSIGHTS

The values displayed in the portals reflect the actual situation of both cities. Data is **calculated in real-time**, based on spatial database of trees updated during daily maintenance activities, and environmental information dynamically updated every night.

ENGAGEMENT

Citizens showed great interest in the project activities, and both public portals are registering high consultation numbers, even after the end of the LIFE URBANGREEN project, with an average of 150 unique visitors per day.



Download the electronic version of the LIFE URBANGREEN poster

PUBLIC PORTALS

The two public portals for Krakow and Rimini have been published with the aim to **enable citizens to virtually visit the main green areas of their city** and gain information about their benefits in terms of carbon assimilation, sequestration and storage, air amelioration and ambient air cooling.



Visit Rimini public portal
rimini.lifeurbangreen.eu



Visit Krakow public portal
krakow.lifeurbangreen.eu

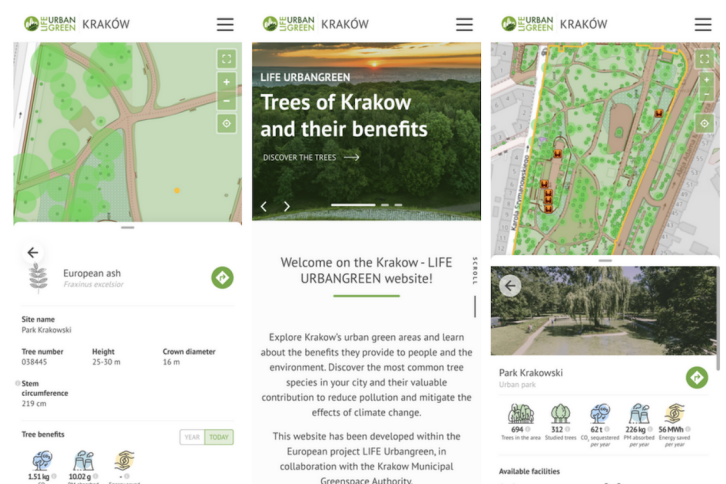


Image 1. Displaying of daily ecosystem services calculated in real time for a selected plant.

Image 2. Homepage of Krakow Public Portal.

Image 3. Information on ecosystem services provided by a selected green area in Krakow.

LIFE URBANGREEN project partners:



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