

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.

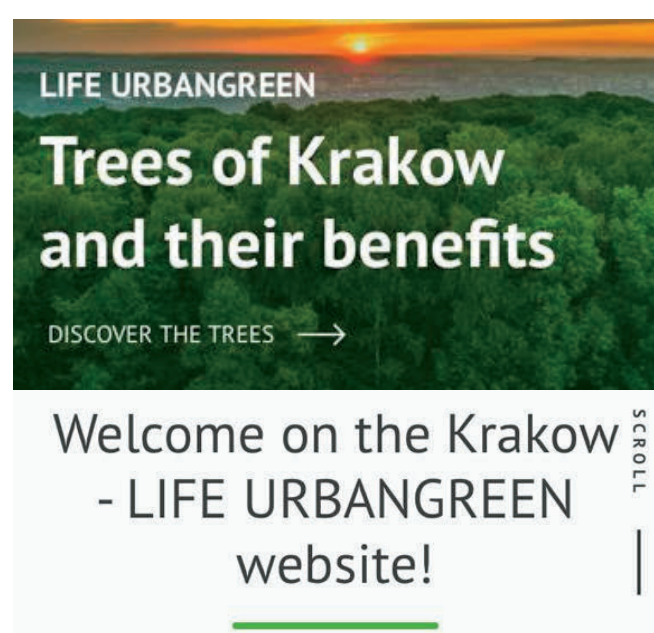


PUBLIC PORTALS

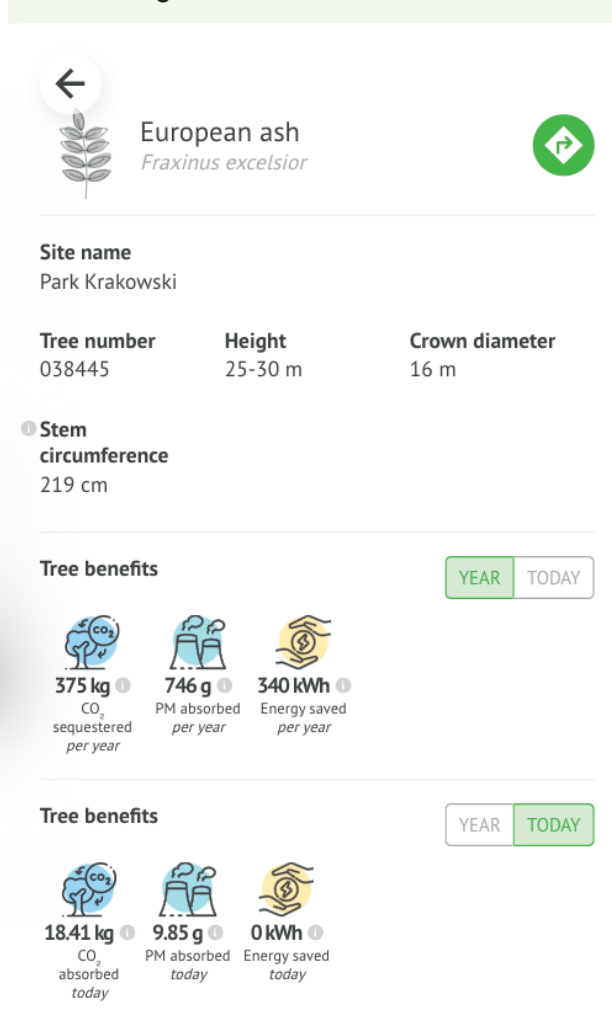
The two public portals for Krakow and Rimini have been published with the aim to **enable citizens to virtually visit the main green areas of their city** and gain information about their benefits in terms of carbon assimilation, sequestration and storage, air amelioration and ambient air cooling.

Visit Krakow public portal
<https://krakow.lifeurbangreen.eu>

Visit Rimini public portal
<https://rimini.lifeurbangreen.eu>



Visualise tree benefits on a daily and annual basis



Explore tree species analysed in Krakow



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.

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.