



**A decision toolbox for cities to improve air quality,
biodiversity, human wellbeing and reduce climate risks by
planting more trees in our cities**

Foreword

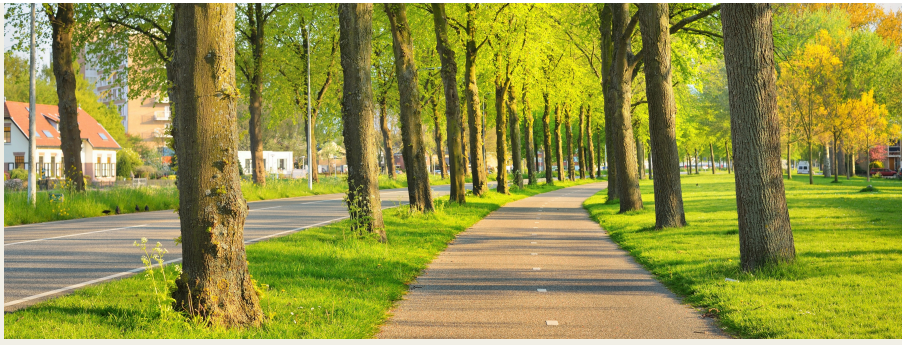
100KTREES is at its turning point. The project is laying solid foundations for the implementation of the final products and for their valorization and commercialization. This Newsletter 3 presents intermediate results relating to: a) definition of tree attributes for modelling trees ecosystem services; b) implementation of a business model for the 100KTREES toolbox; c) COSPACE's collaborative cluster.

The Newsletter also mentions the citizen's science events that will be organized between May and June in Sofia and Copenhagen, to raise awareness among the population on the topic and test the app and for generating changes and impacts at city level.

The 100KTREES Consortium

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- **COSPACE's collaborative cluster**



Tree by tree. The 100KTREEs urban tree mapping initiative for citizens of Sofia and Copenhagen

For citizens of Sofia and Copenhagen passionate about trees and well-being, and curious about the role of greenery in urban living, 100KTREEs organizes a hands-on citizen science event where they can learn to map trees in their cities using the innovative OneTree app.

[Read the article](#)



100KTREEs ecosystem services and tree attributes

100kTREEs' aim is to make cities a better place to live by efficiently planting trees for increasing the ecosystem services provided by trees. The ecosystem services the project is concentrating on, are: 1) Air Pollution reduction; 2) Biodiversity improvement; 3) Cooling effect; 4) Flood risk and estimated damages; 5) Noise abatement; 6) Potential carbon mitigation. This article is useful for non-expert to get a common understanding and a good knowledge on ecosystems services covered by trees and their correlations with tree attributes.

[Read the article](#)

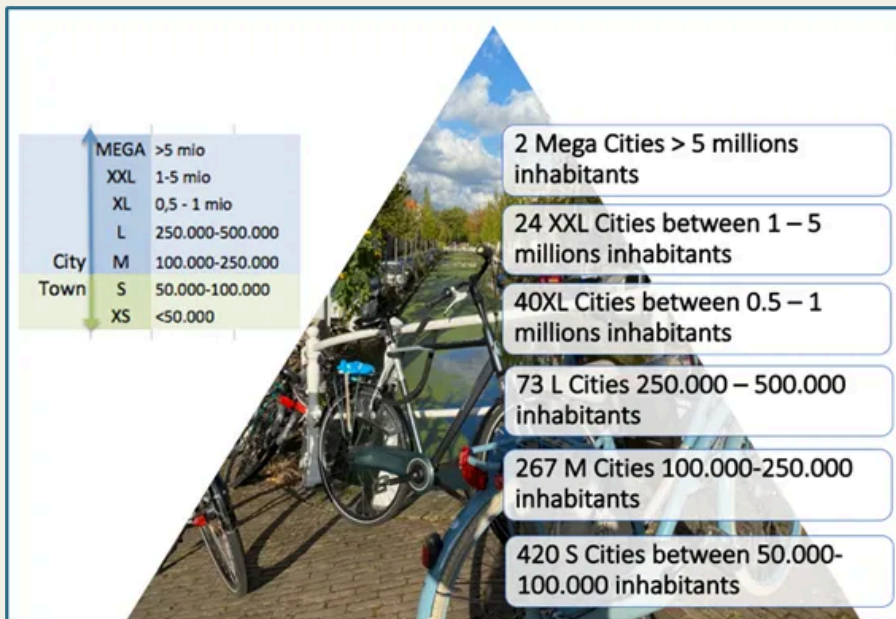


Cooling effect by trees in a city (source: Wikipedia)

100KTREES toward a business plan

100KTREES project, now at the midway point, is starting to work on market research and commercialisation ideas, starting from inputs received at the stakeholder workshops and a better understanding of how municipalities manage city greening and contract out certain tasks.

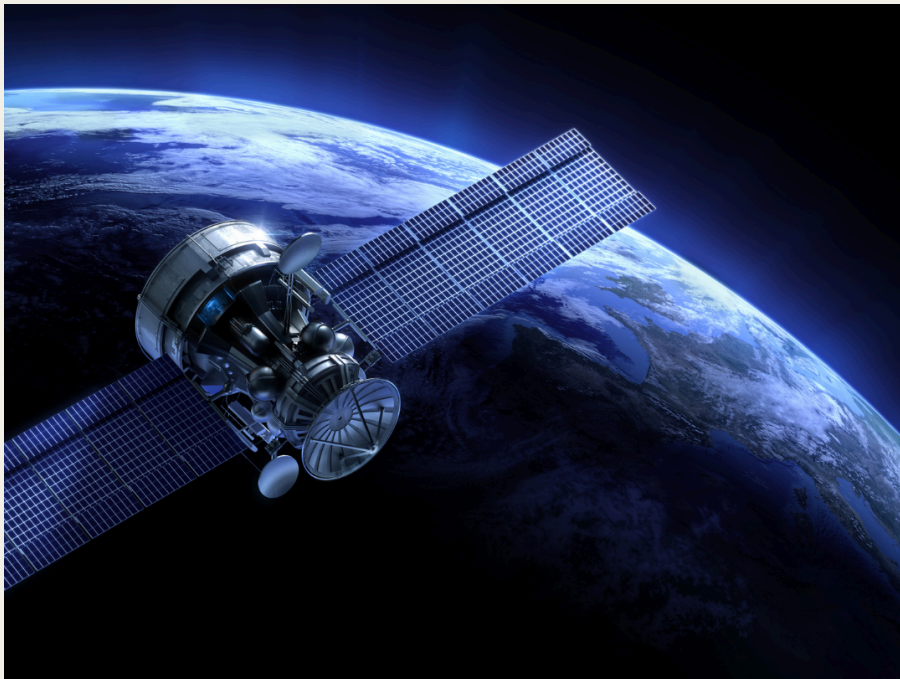
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Networking for innovation in space downstream applications: the COSPACE's collaborative cluster

In an era where the effective management of our environment, natural risks, urban spaces, and agricultural practices is crucial, the power of collaboration and data utilization cannot be overstated. Seven cutting-edge projects — 100KTREEs, SWIFTT, MAGDA, RESPONDENT, BUILDSPACE, CLUG 2.0, and BIRDWATCH — have united under the banner of COSPACE. This innovative group is leveraging satellite and in situ data to create solutions for better management of forests, buildings, cities, and agricultural land.

[Read the article](#)



The 100KTREEs Consortium



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SDA

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Eurosense

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EcoTree

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GISIG

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www.gisig.eu



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OneTree Foundation
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ednodarvo.io



CWare

Project lead, Denmark

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