100K Trees

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

Foreword

Most of us live in cities, even though cities are not the healthiest places due to poor air quality, noisy surroundings and lack of recreational spaces. Many cities have few green areas and consist of too much 'concrete jungle' which makes for a harsh environment for all living things.

With the changing climate, the weather is expected to become more extreme. One such effect will be urban heat islands, which will be even more profound, with heatwaves expected to increase 3 to 10-fold by 2080 depending on the climate scenario. A way of tackling all these issues, is to plant more trees within the urban fabric - a well-recognised, and relatively cheap and efficient measure for cities to adapt to future climatic challenges.

In view of this, the ambition of **100KTREEs** is to make cities a better and healthier place to live by encouraging municipalities to plant more trees and to optimise the impact of tree planting.

In this Newsletter 1 a short introduction of 100KTREEs, of the consortium and of the activities undertaken in the first project semester is provided. If you wish to periodically receive the 100KTREEs Newsletters we invite you to **subscribe to our mailing list**. For any news on the project follow us on the 100KTREEs social media.

The 100KTREEs Consortium

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Data from space and citizens' engagement to help European cities become greener:
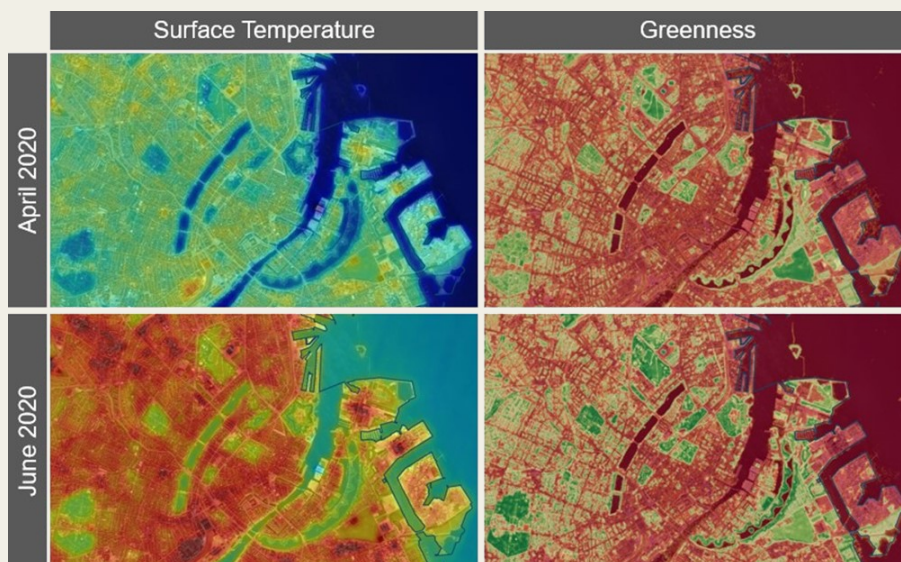
the Horizon Europe 100KTREES project

The European Project 100KTREEs officially started on the 1st December. The ambition of 100KTREEs is to make cities a better and healthier place to live by encouraging municipalities to plant more trees and to optimize the impact of tree planting.

100KTREEs will develop **mapping and modelling tools** to optimize the planting of trees and to monitor their health, based on satellite data from Copernicus EU space programme and in-situ data.

Sofia (Bulgaria) and Copenhagen (Denmark) are the two **metropolitan use cases** where technical and socio-economic approach of 100KTREEs will be tested and demonstrated.

Read the article

Examples of land surface temperature (left column) and greenness (right column) for the city of Copenhagen derived from EO data.

First coordination meeting in Sofia

The first in-person coordination meeting of 100KTREEs project was held on 30th and 31st May 2023 in Sofia (BG) at the premises of Sofia Development Association (SDA) and besides the co-creation workshop with the pilot city stakeholders.

The 100KTREEs first coordination meeting followed the kick-off meeting, held on-line on 19th December 2022, and were participated by all the partners of the Consortium.

Read the article

100KTREEs partners attending the first project coordination meeting in Sofia (BG)

First 100KTREEs co-creation workshop in Sofia

A co-creation workshop with local stakeholder was organised in Sofia on 30.05.2023 as part of the 100KTREEs activities to discuss user stories and how the needs of the Sofia stakeholders are aligned with the 100KTREEs project objectives and goals.

Participants were invited to share within a moderated discussion the problems they face in their work related to the management of the green system in the city and also pinpoint the main needs an solutions they are looking for, hence addressing the implementation of the 100KTREEs toolbox.

Read the article

Discussion session of the co-creation workshop held in a café style

The 100KTREEs Consortium

DHI
Project coordinator
Denmark
www.dhigroup.com

SDA
Bulgaria
www.sofia-da.eu

Eurosense
Belgium / Germany
www.eurosense.com

EcoTree
France
ecotree.green

GISIG
Italy
www.gisig.eu

Vrije Universiteit Brussel/Bitagreen
Belgium
bitagreen.io

OneTree Foundation (EdnoDarvo)
Bulgaria
ednodarvo.io

CWare
Project lead. Denmark
www.cware.eu

UrbanDigital
Denmark
www.urbandigital.dk

NDConsult Ltd
Associated partner. UK
www.ndconsult.eu

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