Helping European cities become greener

The future of urban tree planting begins now

The ambition of the HORIZON Europe project 100KTREEs is to make cities a better and healthier place to live.

100KTREEs project provides a Decision Support System for cities to improve air quality, biodiversity, human wellbeing and reduce climate risks by planting more trees.

100KTREEs tools

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. By assigning monetary value to the key attributes of a tree, e.g. pollution absorption, cooling effect, noise abatement, flood risk reduction and increased biodiversity, a number of business cases will be developed for our two partner cities. Sofia (Bulgaria) and Copenhagen (Denmark) are the two metropolitan use cases where technical and socio-economic approach of 100KTREEs will be tested and demonstrated.

100KTREEs business models

100KTREEs will provide assessments for planting trees in cities on an ad-hoc basis. The approach will be a combination of costs-benefit analysis enhanced with qualitative indicators and social analysis to demonstrate the societal and environmental benefits of tree planting

100KTREEs will support cities in the development of innovative business models and collaborative investment/sponsorship schemes, where private companies collaborate with city administrations to achieve a common goal of financing tree planting.

Two pilot cities: Sofia and Copenhagen

Sofia

The project will support the Sofia Municipality in implementing new urban green areas and in tackling the problem of air pollution.

Copenhagen

The Copenhagen administration is currently implementing a viable tree strategy with the aim to increase the number of urban trees.

Partners

DHI · EUROSENSE · ecotree · DISIG · BitaGreen · едно дърво · WARE · Urban Digital · NDConsult

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The 100KTREEs project is co-funded by the European Union's Horizon Europe Programme under grant agreement No 101082551