



Urban Heat & Climate Change

CITYCLIM.EU

CityCLIM Milestones - City Administration Service -

Gathering relevant data

Building on existing services and frameworks, such as Copernicus including observational space-borne & air-borne data as well as ground stations



Processing & Improvement

Building a Generic City Climate Platform that serves as one stop access point for all gathered data after data processing improvement and harmonisation



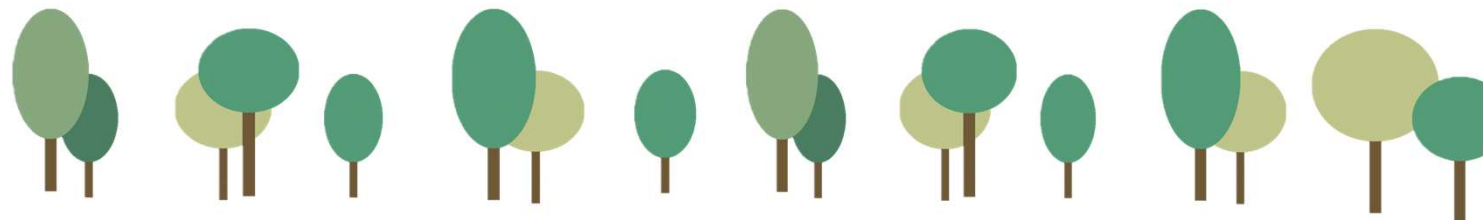
Weather Model & Simulations

Creating high resolution forecast maps from the UltraHD 100m city weather model and derive warnings & local heat indices for exemplary days (e.g. "hot summer days")

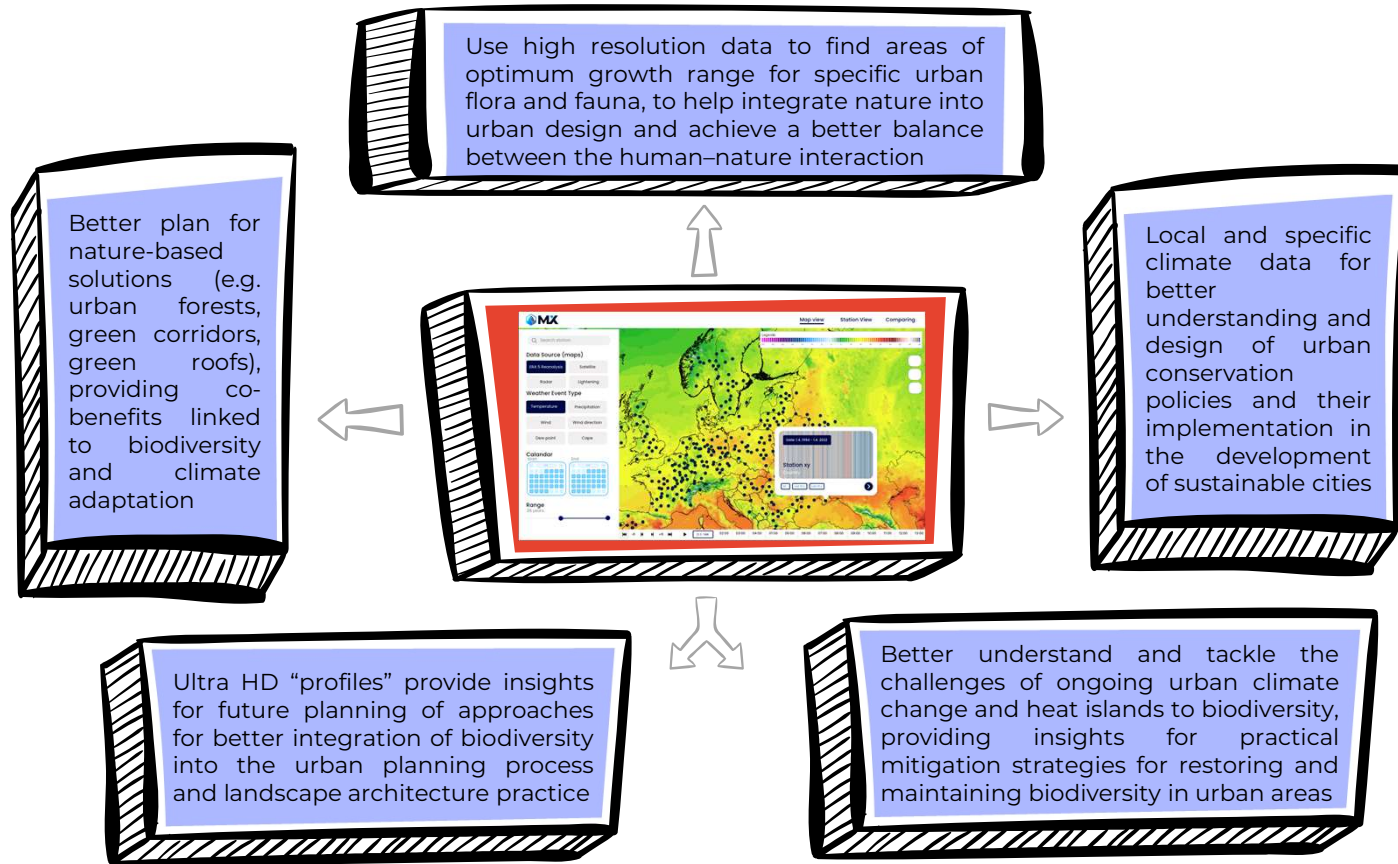


Insight & Mitigation

Work together with Pilot cities to jointly use UltraHD generated heat and air flow "profiles" to learn about vulnerabilities and subsequently generate mitigation strategies that address them in advance



How can CityCLIM assist in urban planning for biodiversity?



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