

Your



Greenery audit

Clusters for targeted greening

Carbon sequestration

51kg C/tree/year

Tree productivity

Moderate
2025

Urban heat islands

1985

Tree stress
73 %

Temporal analysis

2025

Building level precision



3-30-300

Greenery cooling effect

0,64 °C

Tree productivity prediction

Very low
2050

Survival capacity

Low

City units for an urban level overview

Grid to provide perspective

Precise greenery segmentation

100 %

100

82.5 %

13.7 %

17.9 %

Infrastructure layers



3-30-300

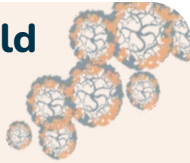
Rule 3-30-300

You should see at least 3 large trees from home, school, or work.



The presence of trees brings daily contact with nature, which has a positive impact on mental health, increases a sense of calm and reduces stress.

Your neighborhood should have at least 30% tree canopy coverage.



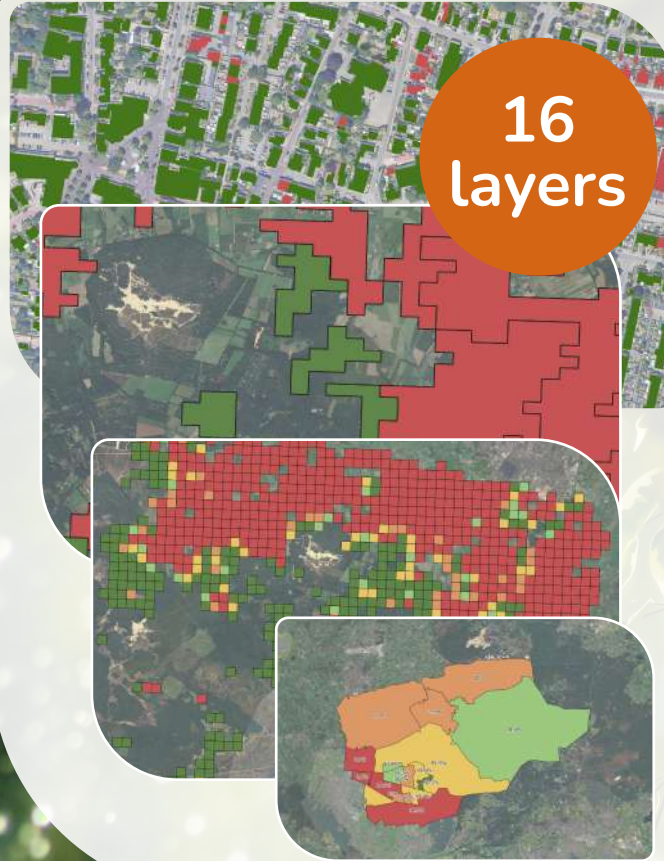
This dense coverage helps to regulate temperature, reduce noise and improve air quality, bringing health benefits to all residents.

Everyone should live within 300m of a green space.



Proximity to green spaces allows people easy access to natural areas, encourages physical activity and forms stronger communities.

16 layers



For each rule we provide:

- Maps showing buildings with a yes/no value indicating if they meet the criteria
- Map layers highlighting areas that either meet or don't meet the criteria based on aggregated values.
- A citywide 300m grid showing the percentage of buildings meeting the rule
- A district level overview

Outputs



Your own GIS data



A complex report

Attractive infographics



Map outputs

Rule 3-30-300 in Dublin

Clear map outputs

ASITIS 3-30-300

State of tree productivity

Assess your greenery's productivity and photosynthetic activity, reflecting its size, age, and vitality.

2030

2050

Prediction of tree productivity

Survival capacity

Know your greenery's survival capacity to secure its future.

State of tree stress

Understand the stress level of your greenery, reflecting urban pressures, soil conditions, and environmental impacts.



UpGreen

Choose your weapons
to combat climate change

Greenery cooling effect assessment

Discover your greenery's cooling effect, reducing heat and improving comfort.

Get your:



GIS layers
Report
Infographics

Carbon sequestration assessment

Learn your greenery's carbon sequestration capacity, reflecting its role in storing carbon and supporting climate resilience.

Temporal analysis

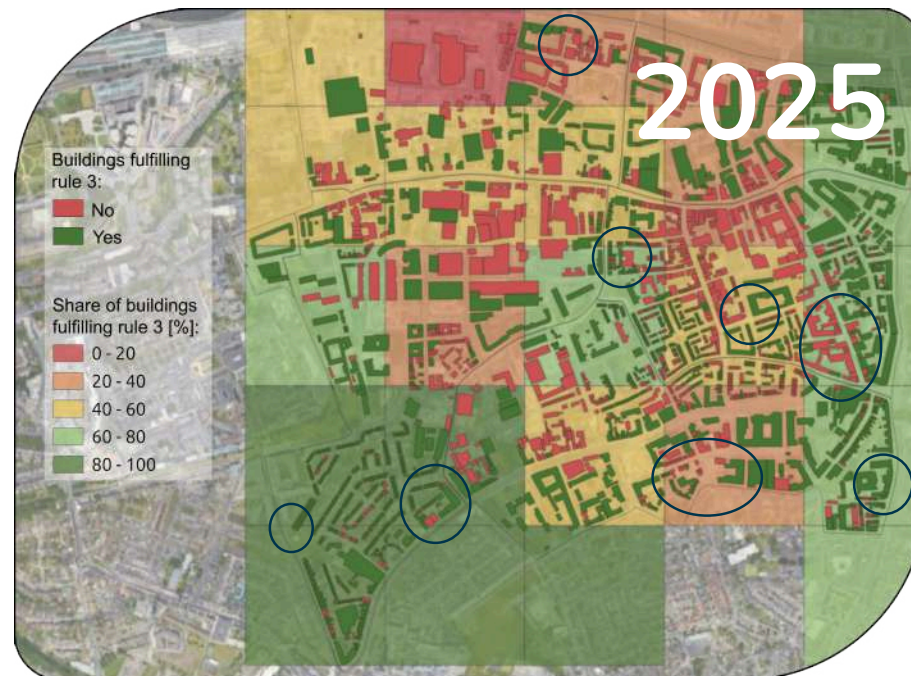
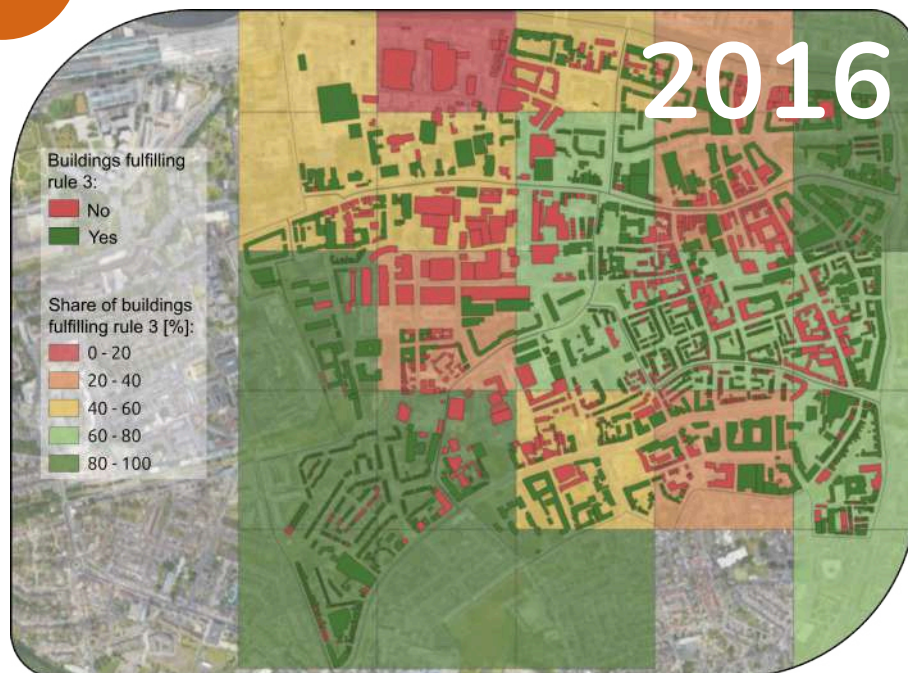
- Urban Heat Islands (UHI)
- Greenery
- Built-up area development
- Water areas development

Analysis up
to the past
40 years

Infrastructure layers and recommendations for development projects

Mainly
for
3-30-300

Comparison of the level and quality of greenery



**We are ready
to help!**

Miloslav Kaláb

Climate Resilience Specialist

kalab@asitis.cz

+420 777 038 935

www.asitisready.com