

Your



# Greener audit

Clusters for targeted greening

Building level precision

Carbon sequestration

51kg C/tree/year

Tree productivity  
Moderate  
2025

3-30-300

100 %  
100 %  
82.5 %  
13.7 %  
100 %  
100 %  
100 %

Precise greenery segmentation

Grid to provide perspective

UpGreen

Tree stress  
73 %

0,64 °C

Tree productivity  
prediction  
Very low  
2050

Urban heat  
islands

1985

Temporal analysis

2025

Survival capacity  
Low

Infrastructure  
layers



# 3-30-300

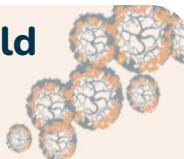
## Rule 3-30-300

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.

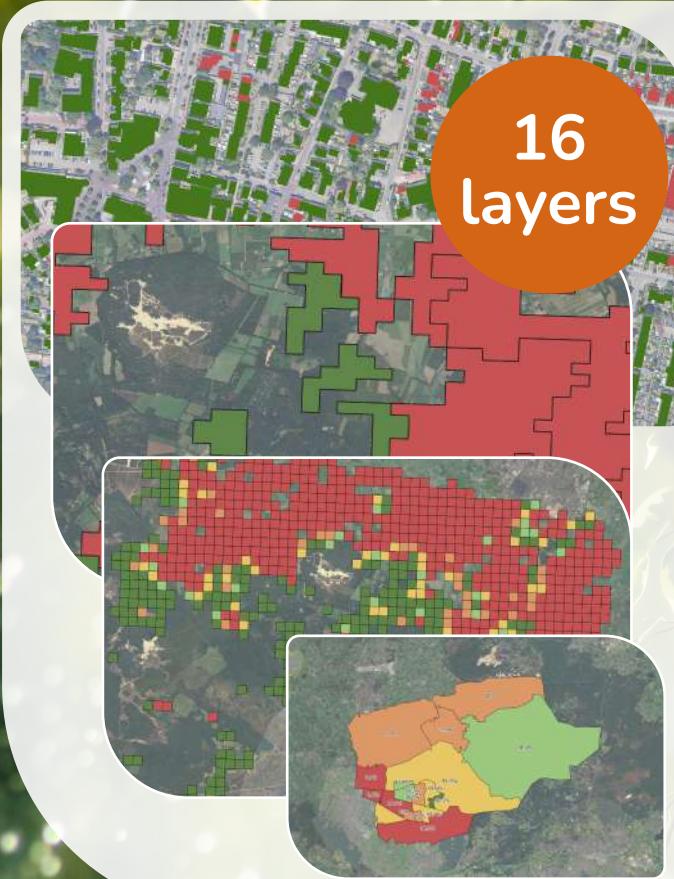


This dense coverage helps to regulate temperature, reduce noise and improve air quality, bringing health benefits to all residents.

Everyone should live within 300m of a green space.



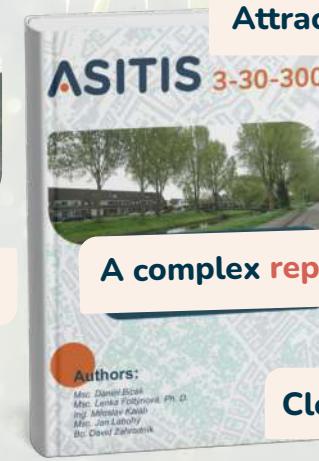
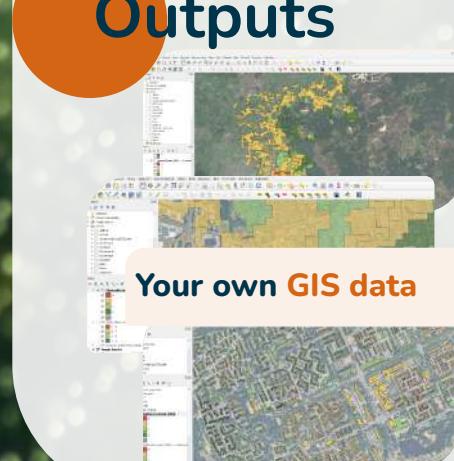
Proximity to green spaces allows people easy access to natural areas, encourages physical activity and forms stronger communities.

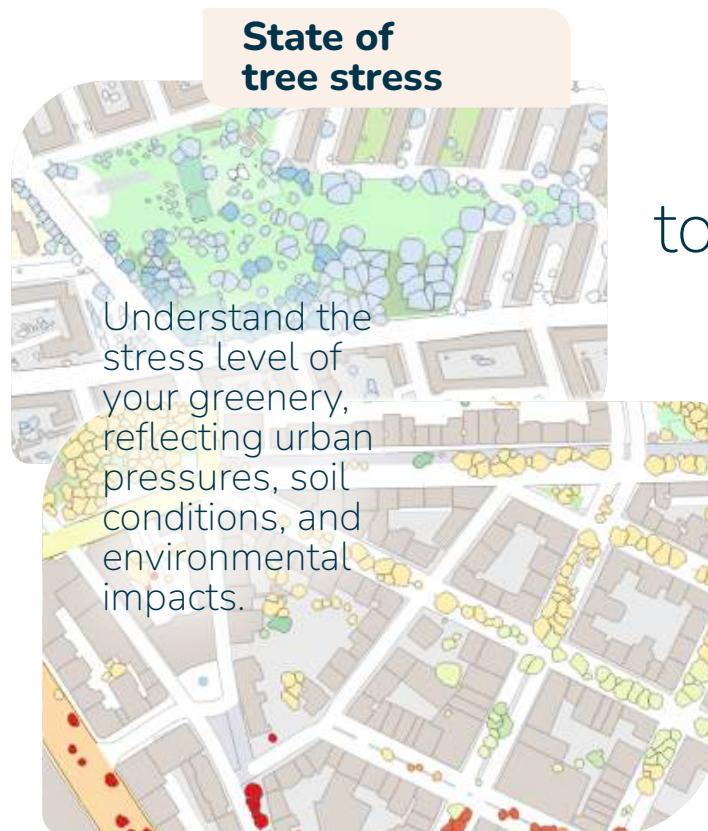


For each rule we provide:

- 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

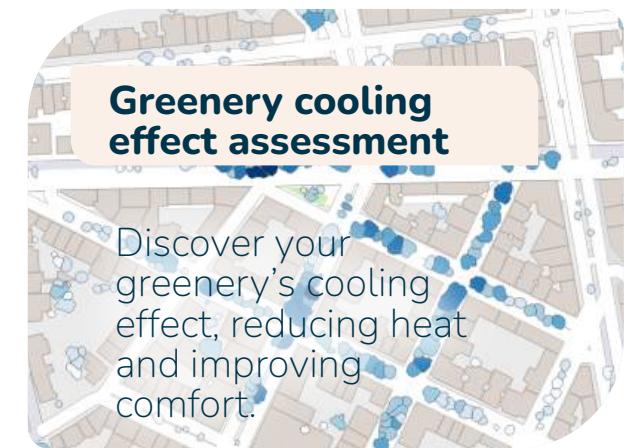
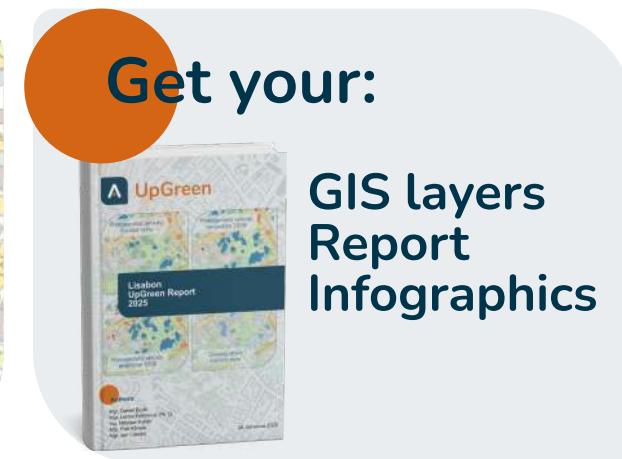
## Outputs





# UpGreen

Choose your weapons  
to combat climate change



## Temporal analysis

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

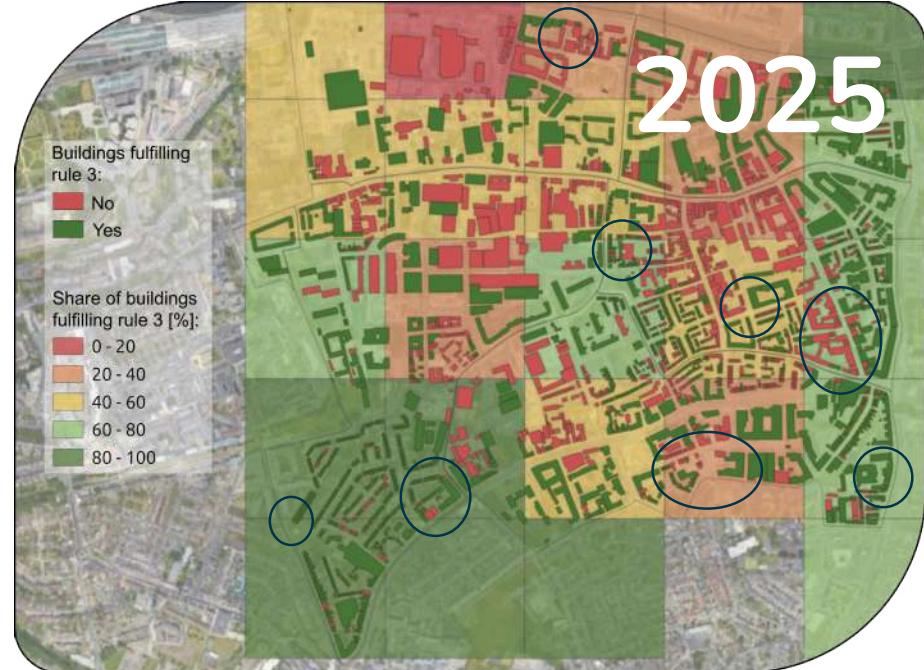
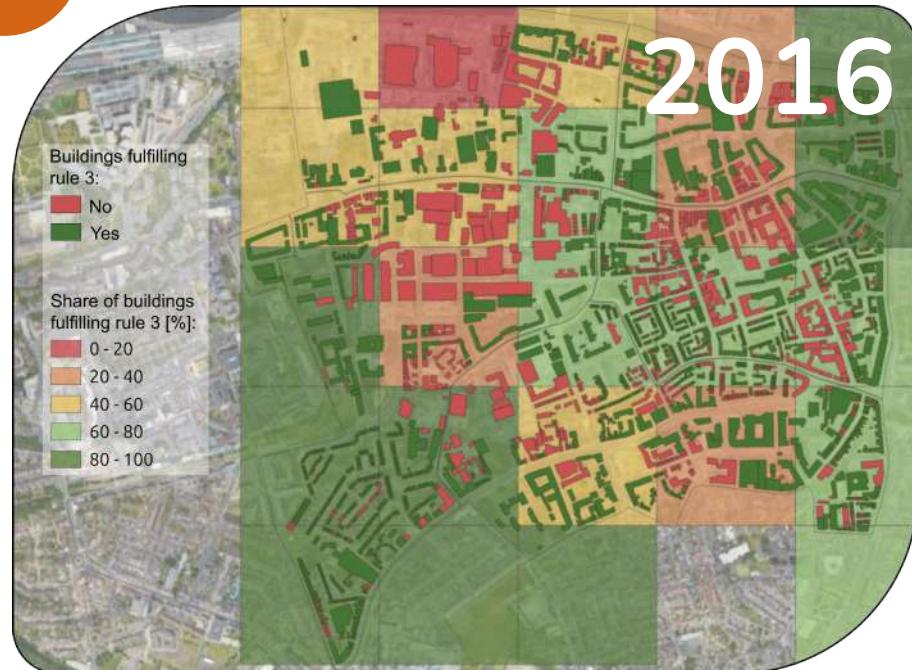
Analysis up to the past 40 years

## 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](http://www.asitisready.com)