

Were we work, Zurich blooms
Waar wij werken, bloeit Zürich

Axel Fischer, Dept. Parks and Greenspaces
Grün Stadt Zürich, GSZ, City of Zurich

Zürich, 19.9.2019

Wo wir arbeiten,
blüht Zürich.

What we do



Parks



Heritage of garden culture

Grün Stadt Zürich



Multifunctional use for
recreation and nature

Sportsgrounds and Outdoor Pools



Sports and valuable habitat

Cemeteries



Rest and recreation

Woods



Attractive recreation area

Allotment Gardens



Recreation and
social integration

Succulent Plant Collection



Education

Municipal Plant Nursery



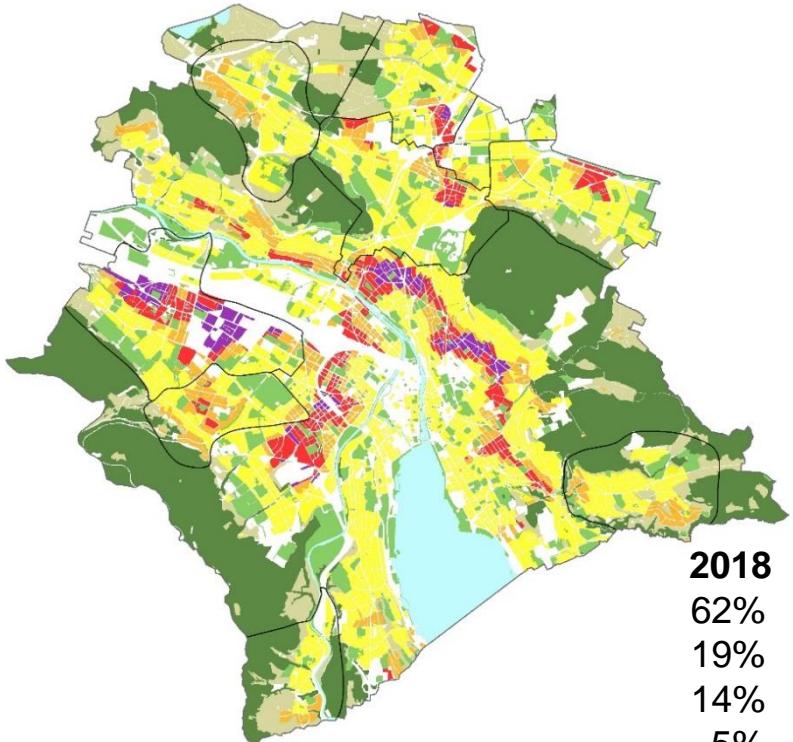
Display Garden

Basics, Challenges, Projects



Calculation of open space supply

Today and forecast 2040 (including measures)



2018

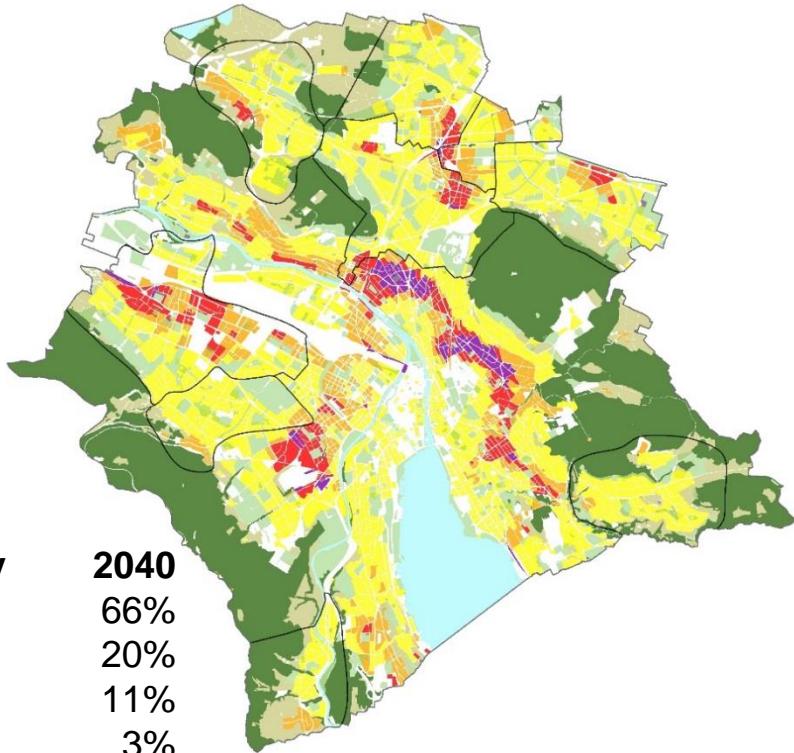
62%
19%
14%
5%

space supply

Good
Sufficient
Insufficient
Bad

2040

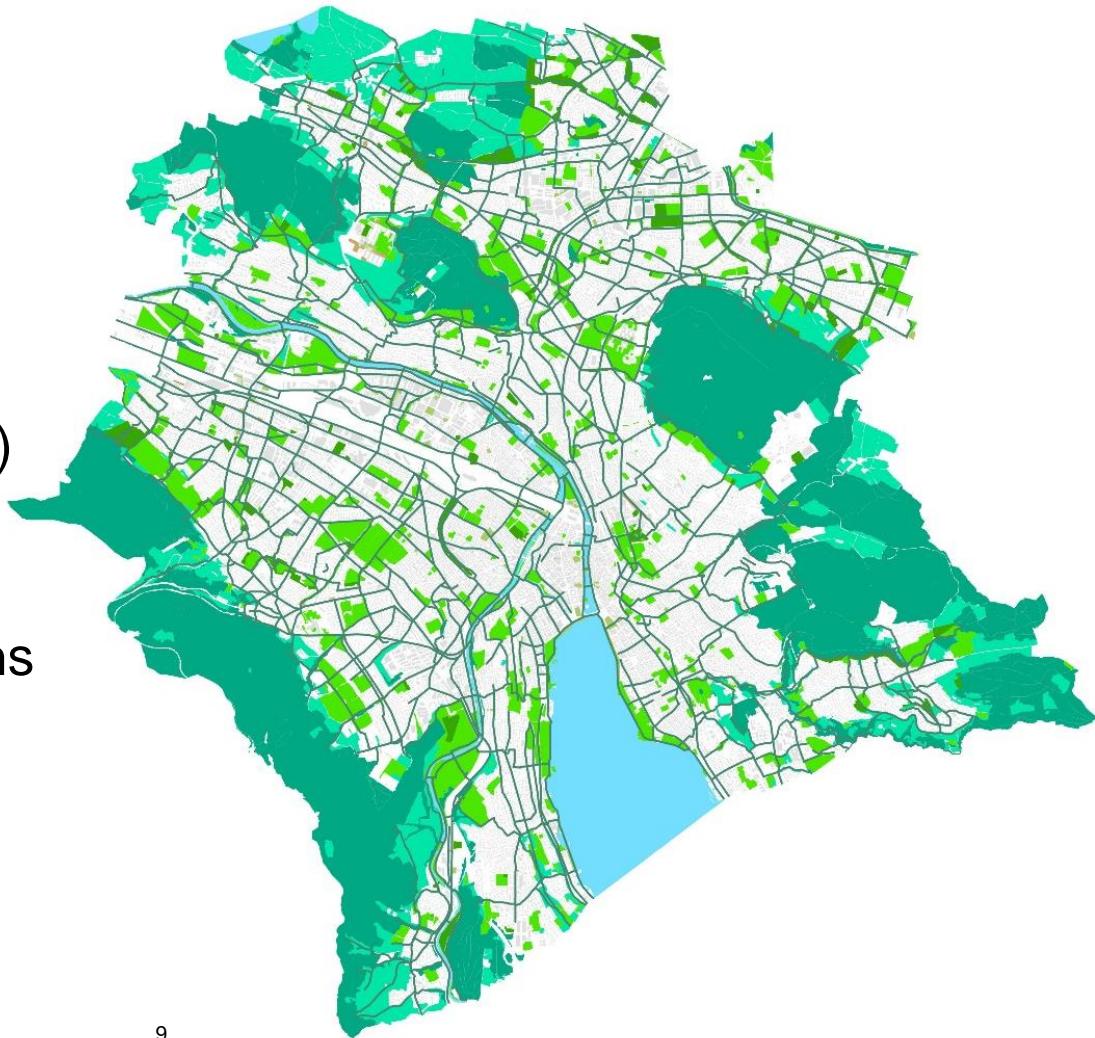
66%
20%
11%
3%



Plan of Green and Open Spaces

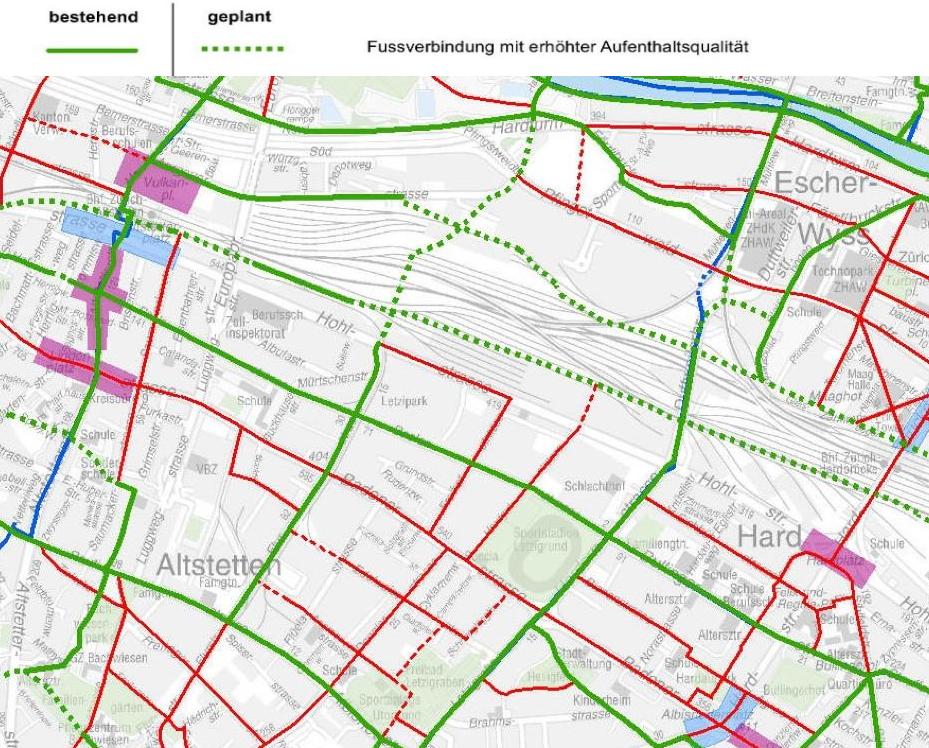
Target picture 2040

- In the settlement area (sa.)
- On the fringe oft the sa.
- In the woods
- Interconnection of footpaths
- Existing and planned
- Ecological interconnection



Footpaths with sojourn quality

Kommunale Festlegungen



Master plan urban climate

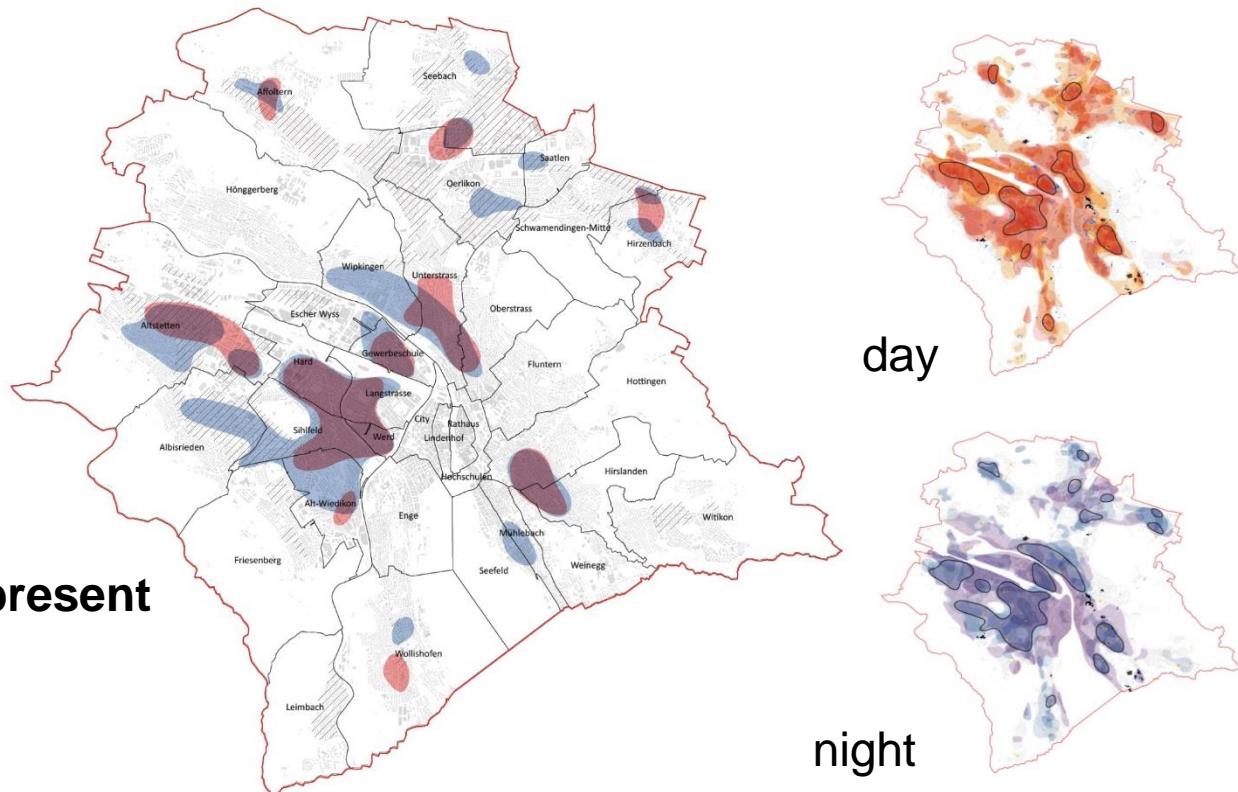


Vulnerability Analysis – Day & Night (present)

Interference (present)

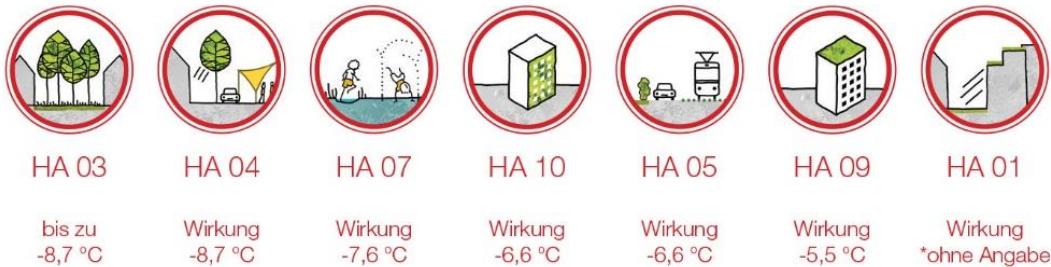
- > Impact daytime
- > Density of population
- > Workplaces (daytime)
- Age 0 to 3 years
- Age more than 80 years
- Relief space
- Sensitive use

>> Hotspots day + night present

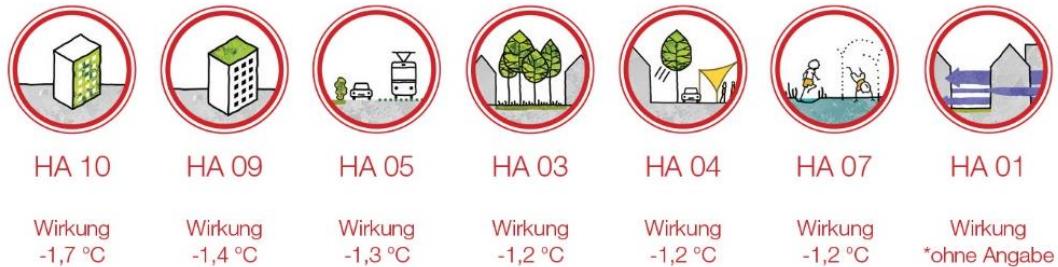


Rating of impact analysis

Day: most significant approaches



Night: most significant approaches



Concept «Trees in the City»



Review //

How much tree volume do we have?

Total tree volume

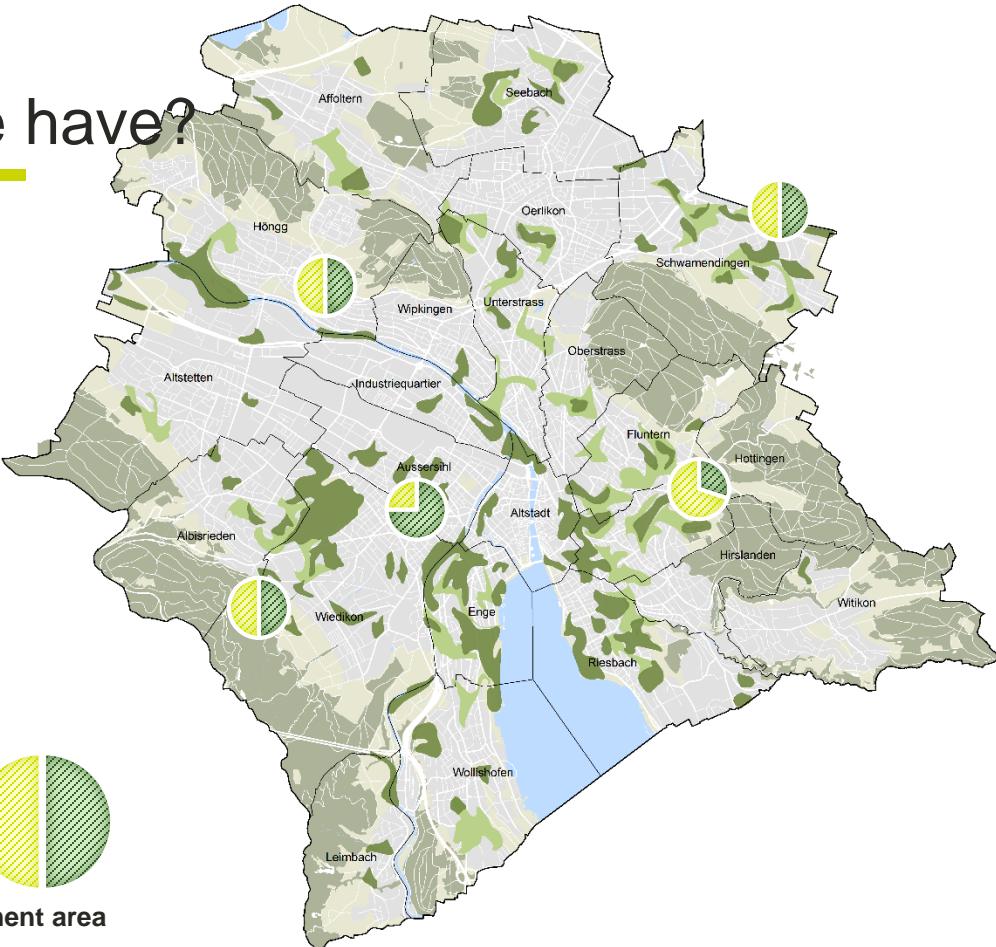
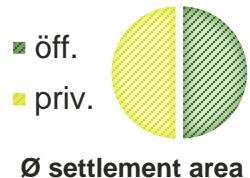
- 58.4 Mio. m³ (surface ca. 47.9 km²)
- Ø 1.22 m³/m²

Tree volume and ground sealing

The higher ground sealing
the lower tree volume density

Dispersion of tree volume

Up to 75% of tree volume in private
housing sectors



Scenario //

without additional activities

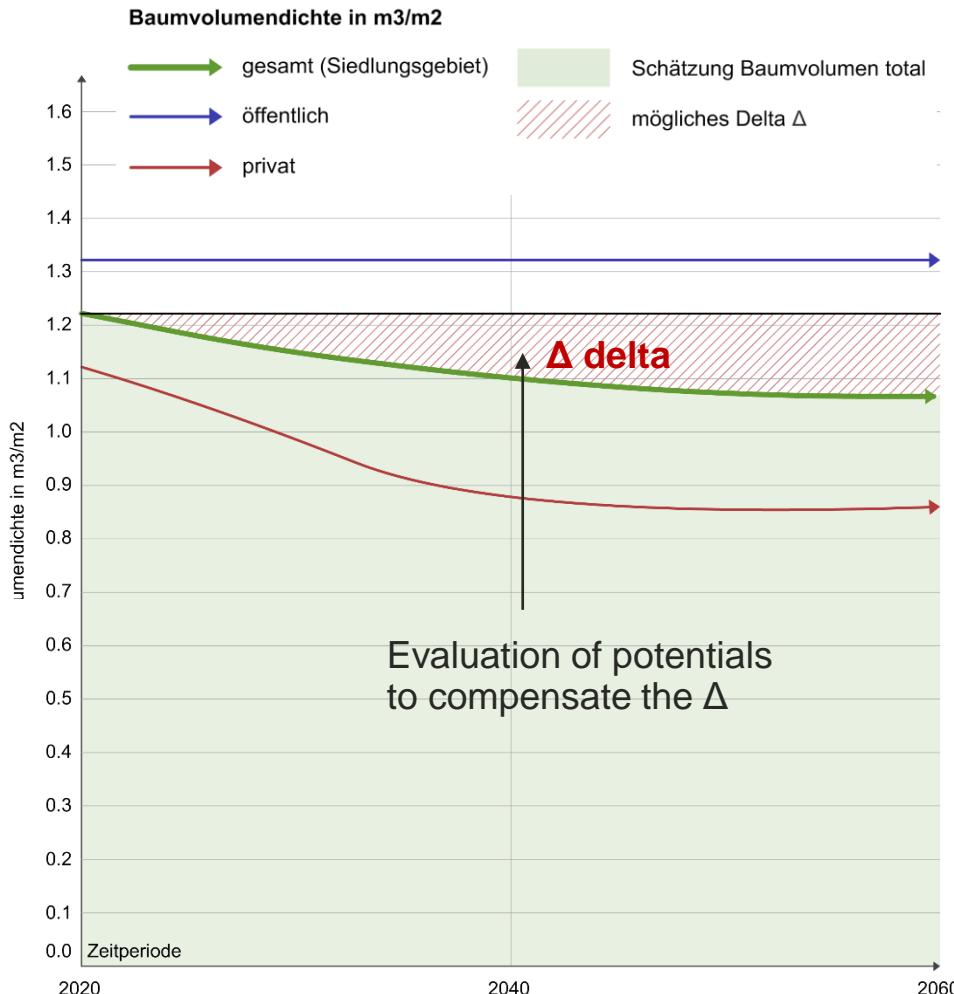
Tree volume 2019

- 58.4 Mio. m³ (surface 47.9 km²)
- 1.22 m³/m²

Δ ~ -6 to -10 Mio. m³

Expected tree volume 2040

- 52.7 Mio. m³ (surface 47.9 km²)
- ca. 1.0-1.1 m³/m²
- This delta can vary



Potentials //

Compensational efforts

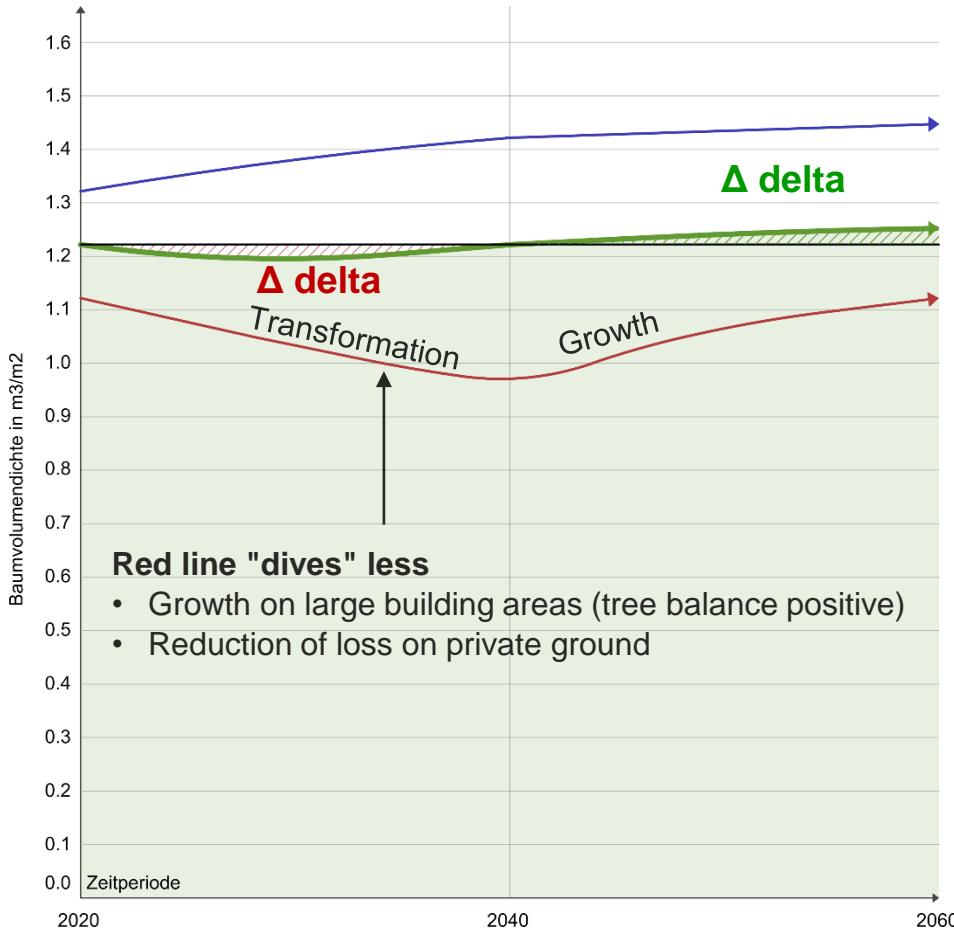
On public ground

Total of compensation

+4-6 Mio. m³

Private housing and workplace sector

Total of compensation +/-0



New allotment gardens and park area Dunkelhölzli

Allotment garden area

380 000 m²

Park area

280 000 m²

Start of construction

2021/2022

End of construction

2024

Park Schütze-Areal

Gross area 15 800 m²

Park area 7 700 m²

Start of construction

Buildings 2017

Park 2018

End 2020



Park Thurgauerstrasse

Gross area

65 000 m²

Park area

13 800 m²

Construction planning 2019

Plebiscite 2020

Start of construction 2021

End of construction 2024



Project «Alternative Green Spaces»



Park MFO
Vertical planting



«Toni» building / area
Walk-on roof area, Rooftop gardens

«Green Book» of the City of Zurich

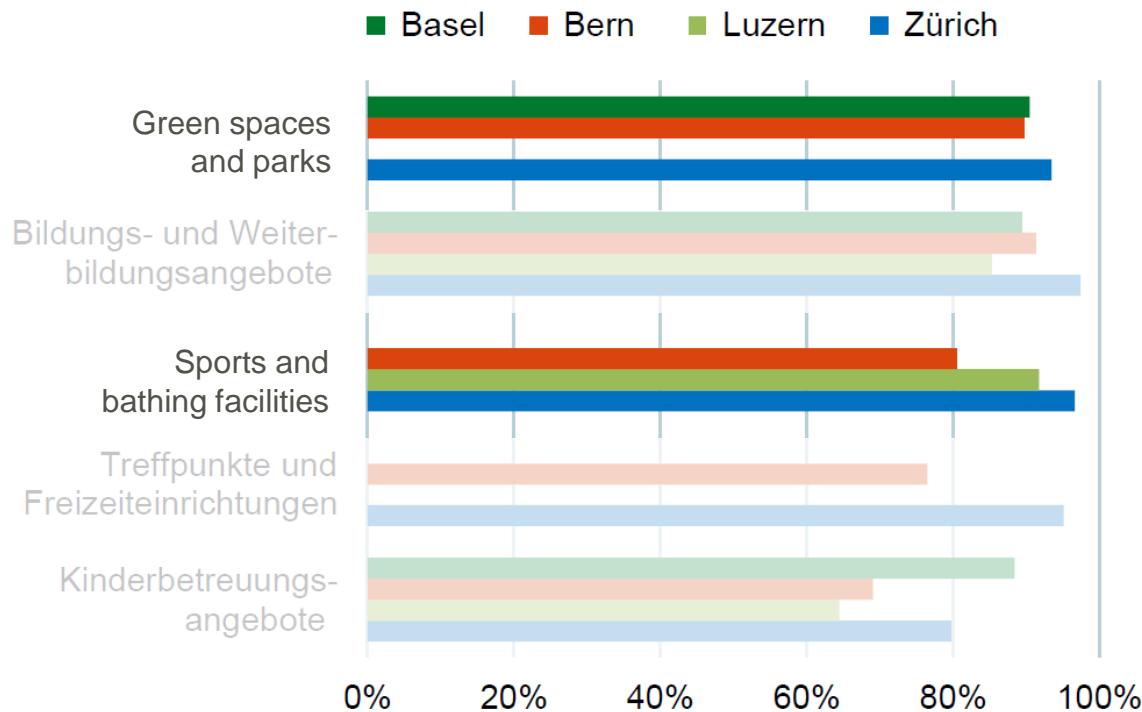


What are the benefits for the City of Zurich?



Comparison of swiss cities 2015

Satisfaction with different facilities



Mercer Quality of Living, Worldwide Ranking 2018



Platzierung 2018	Stadt
1	Wien
2	Zürich
3	Auckland
3	München
5	Vancouver
6	Düsseldorf
7	Frankfurt
8	Genf
9	Kopenhagen
10	Basel
10	Sydney
14	Bern



Thank you for your attention

