



imagin e

Grüne & lebenswerte Städte mit sauberer Luft, angenehmen Klima & hohem Erholungswert – für heutige & künftige Generationen



Unsere Vision

**Lebenswerte Städte zu
entwickeln durch Planung von
klimafitten Immobilien &
Freiräumen**



Kurzparkzone

-gekennzeichnete
Parkdauer: 1,5 Std.
Mo-Fr (montag - 8-19)
Sa-Su (sonntags 8-12)

Da Amigo's
Pizzeria

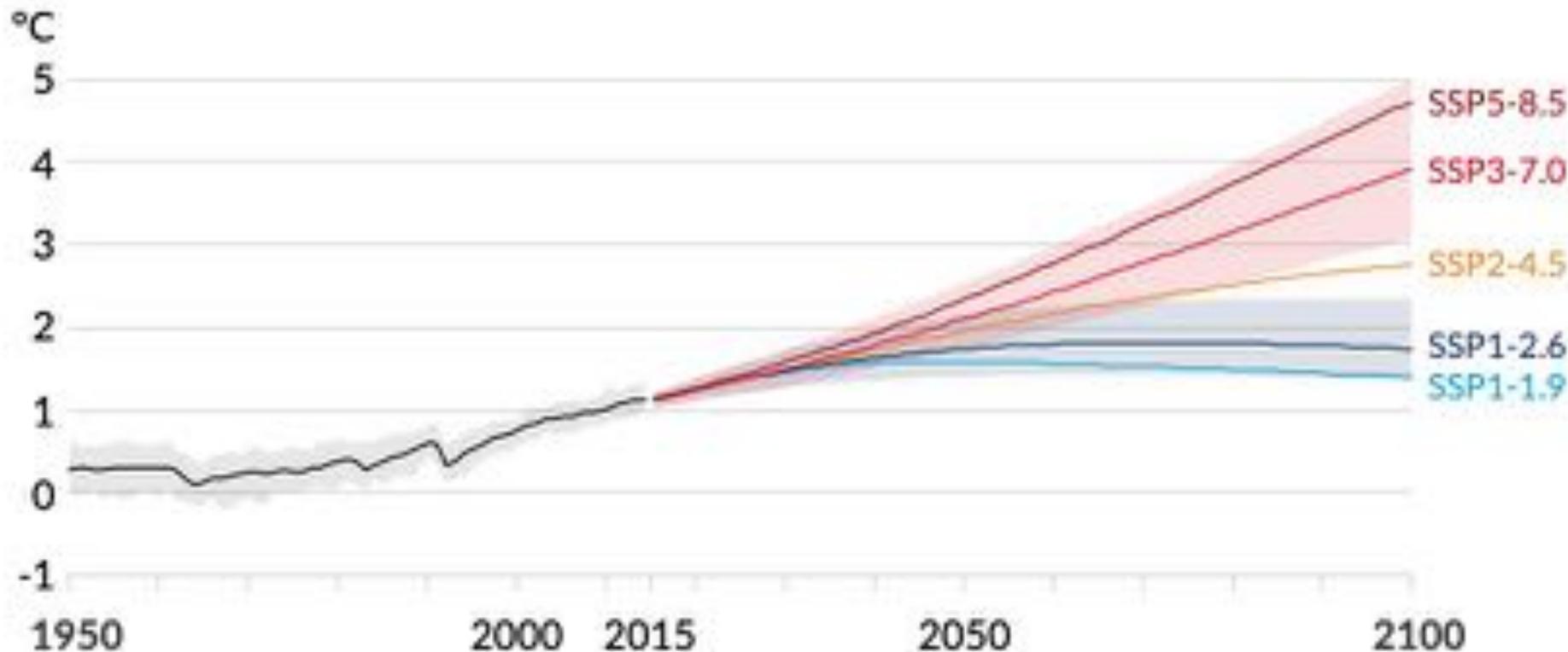






Klimaszenarien

a) Global surface temperature change relative to 1850-1900

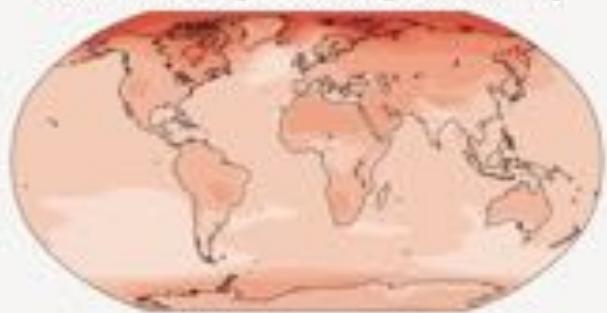


Klimaszenarien

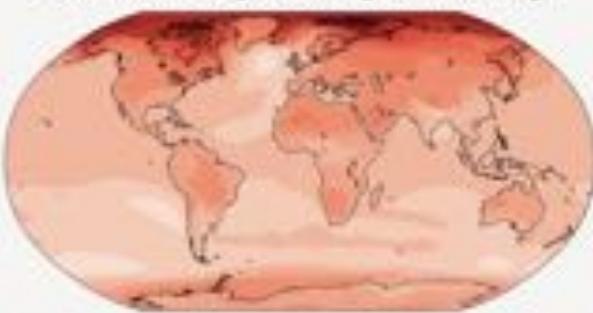
b) Annual mean temperature change ($^{\circ}\text{C}$)
relative to 1850-1900

Across warming levels, land areas warm more than oceans, and the Arctic and Antarctica warm more than the tropics.

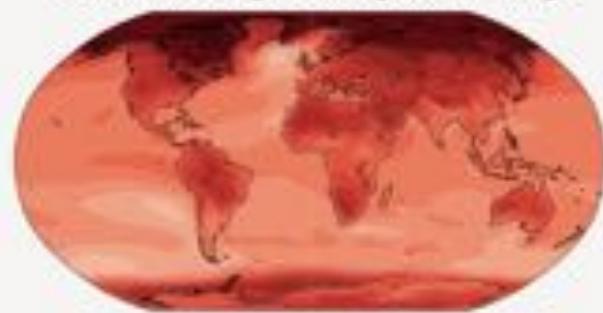
Simulated change at 1.5 $^{\circ}\text{C}$ global warming



Simulated change at 2 $^{\circ}\text{C}$ global warming



Simulated change at 4 $^{\circ}\text{C}$ global warming





greenpass



enabling livable cities



Erste Software-as-a-Service für
**klimaresilientes Planen und
umweltwirksamkeit**
für Städtebau, Architektur & Freiräume



www.greenpass.io



1 Environmental impact kit for plenty use cases



Climate Check		available
Wind Check		available
Water Check		available soon
Acoustic Check		available 2023
Pollution Check		available 2023
Health Check		available 2024
Energy Check		available 2024
EU Taxonomy Check		available
Pre-Certification Check		available
Certification Check		available



Planning phase

Base estimates

Preliminary design

Design

Submission

Detailed design

Building completion

HOAI service phases
Benchmarking for certification and support

Phase 1

Phase 2

Phase 3

Phase 4

Phase 5-7

Phase 8-9

Certification Package
CEP

Quick Check

Climate Check

Pre-Certification*

Certification

Environment Package
ENP

Quick Check

Climate Check

Climate Check*

environmental impact & certification



up to 6	4	50+
Urban Challenges	additional Bonus Topics by Certification	scientific KPIs* e.g.
Climate	Ecology	Thermal Comfort
Water	Resources	Run-Off
Air	Social	Carbon Storage
Biodiversity	Mobility	Green Space
Energy		Thermal Storage
Cost		Investment Cost





EU Taxonomy Check

Climate Risk Analyses | EU Taxonomy Environmental Objective #2 Adaptation to Climate Change



Know your impact



Digital twin



Impact graphics



Key Performance
Indicators



Reporting



Certification



Communication
material





SIGNA



BUWOG

BIG
BUNDES
IMMOBILIEN
GESELLSCHAFT

ARE
AUSTRIAN
REAL
ESTATE

SÜBA

WIEN SUD



STRABAG
REAL ESTATE



BILLA

BUNDESPENSIONSKASSE
Aktiv für Ihre Versorgung



**Stadt
Wien** | Wiener Wohnen



DUISBURG
am Rhein

210



climate-resilient & future proof
developments

12

European countries

180



happy customers



Combinable with other certificati on solutions



Climate Resilience Certification
focus exterior



Green Building Certification
focus interior



= holistic sustainable urban development of buildings & open space

Get more information







40+

official trained greenpass
partners

11

countries with local available
experts & auditors

1

online training

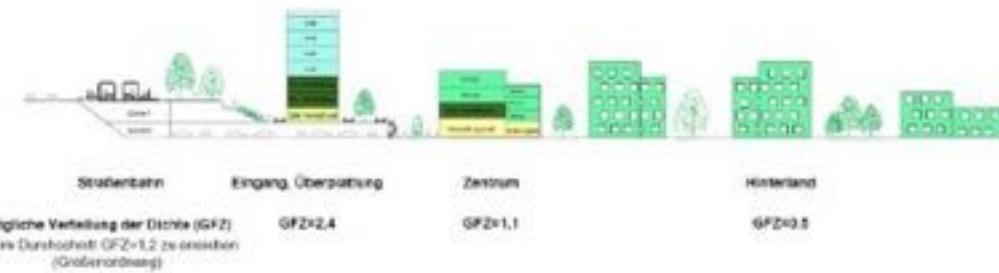


Application

Definition of Urban Design



- Transformation
 - Analysis of Status Quo
 - Development of Urban Designs
 - Climate Check of Designs
 - Definition of Master Plan



Application

Optimization of Urban Design



- International competition
- Evaluation of all entries
- Optimization of winning design
- Definition of design principles

before
optimization

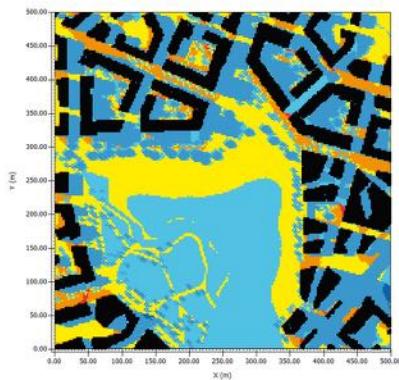


Figure 1: Seestadt Seeterrasse - 4405-15-00:01
21.07.2017
u/v Cut at k=0 (n=3,886 m)

PTT
below 23.0 °C
23.0 to 29.0 °C
29.0 to 35.0 °C
35.0 to 41.0 °C
41.0 to 47.0 °C
47.0 to 53.0 °C
53.0 to 59.0 °C
above 59.0 °C

Min: 22.4 °C
Max: 53.6 °C



GREENPASS ENV_Tnet

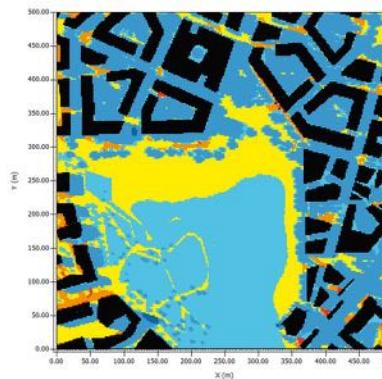


Figure 1: Europe-O10-2019-Seestadt Seeterrasse - 4405-OPT 15.00:01
21.07.2018
u/v Cut at k=0 (n=3,886 m)

PTT
below 23.0 °C
23.0 to 29.0 °C
29.0 to 35.0 °C
35.0 to 41.0 °C
41.0 to 47.0 °C
47.0 to 53.0 °C
53.0 to 59.0 °C
above 59.0 °C

Min: 22.4 °C
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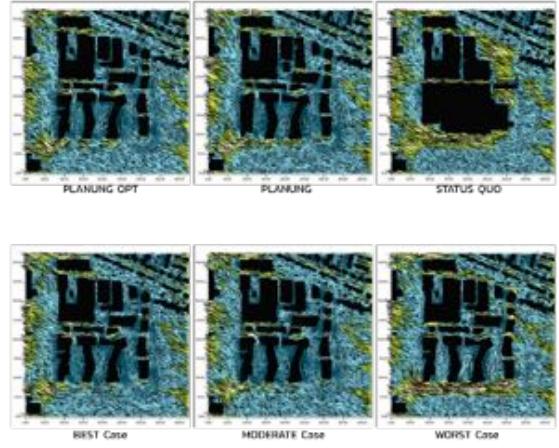
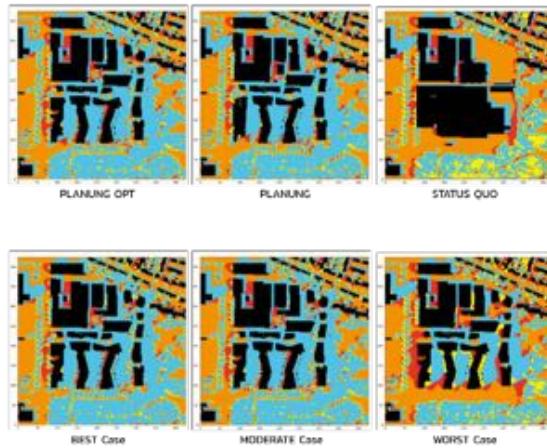
after
optimization

Application

Certification of Urban Design



- First Biotope City
- Full support in design process
- Optimization of architecture
- Optimization of open space
- Certification





GREENPASS

PLATINUM

10

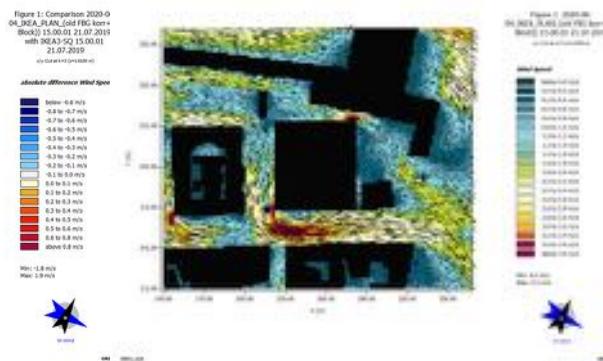
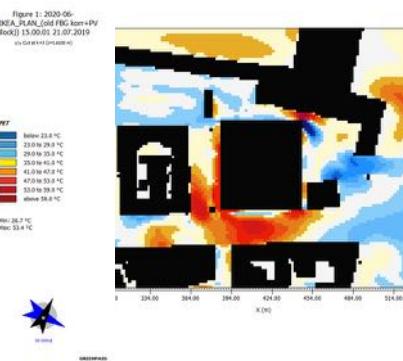
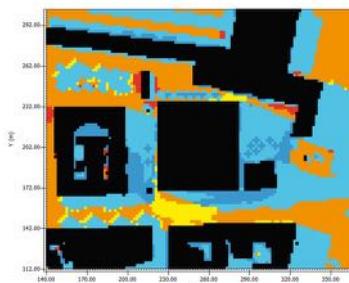
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Application

Certification of Architecture



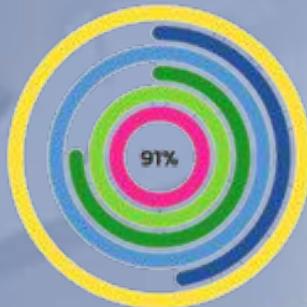
- Most innovative IKEA worldwide
- Full support in design process
- Optimization of architecture
- Platinum Certification





urban cooling by up to

-1.5°C



Westbahnhof Wien



ENVI
powered by MET





Application

IQL Urban Development



greenpass

enabling livable cities

