

# But: cities are under permanent stress test

### City = advantage of density

(talents, job opportunities, amenities, genetic diversity...)

Battle for resources (public space, cool zones, affordable housing etc.)

### Cities = living laboratories

for innovative solutions to ensure tomorrow's quality of life





Disruptions and crisis are the new normal:

- Shocks (unexpected): e.g. pandemics, global economic crises, wars etc.
- Stressors (long-term consequences): floods, droughts, migration waves, overtourism etc.

⇒Cities have to build up anticipatory resilience



# Development corridors for better urban living



#### **Digitalization**

- Decentralisation (remote work, from mobility to location)
- Smart City (internet of things, predictive AI)



#### **Decarbonization**

- Top down: Green Deal (EU)
- Bottum up: Next Generation
- Geopolitical crises Teorganisation of supply chains, circular city



#### (Socio-)demografic change

- Young swarm cities ⇔ ageing society
- Fight for talents
- Cultural diversity & inclusion

### The global risks

2 years

10 years

Misinformation & disinformation

Extreme weather events

State based armed conflicts

Societal polarization

Cyber espionage und warfare

Extreme weather events

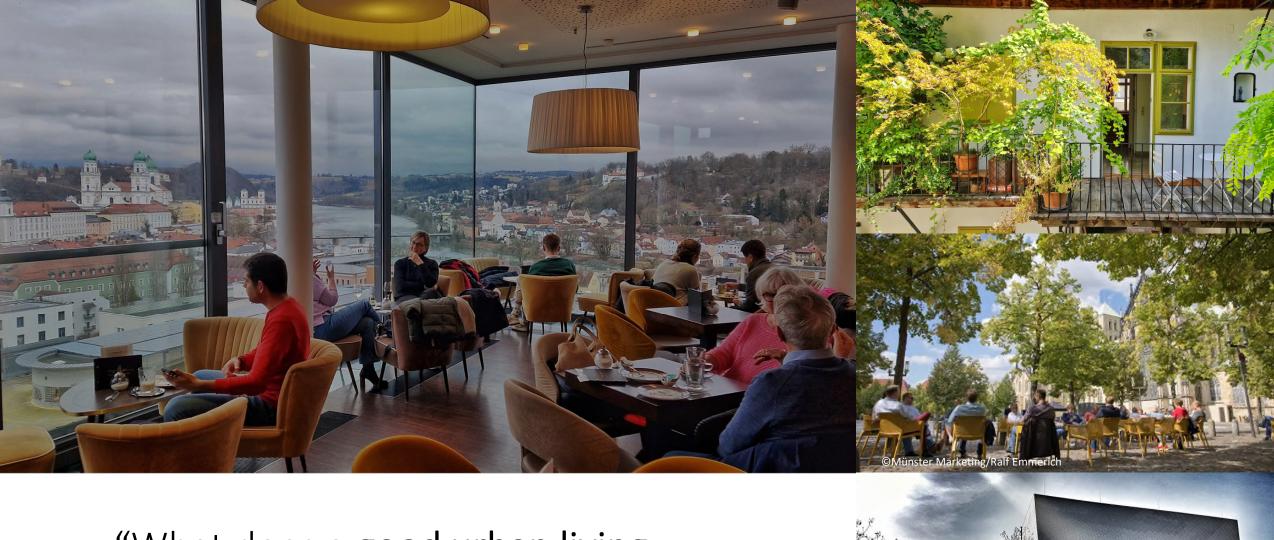
Biodiversity loss & ecosystem collapse

Critical change to Earth systems

Natural ressource shortages

Misinformation & disinformation

Environmental Societal Technological Geopolitical



"What does a **good urban living** look like? How can we ensure it for tomorrow?"



Resilient city









Globally, cities are driving the sustainable agenda

New operating system for the post-fossil era





- Decoupling growth and resource consumption
- Access over ownership (sharing, as-a-service models)
- Transition from linear to circular system (urban mining etc.), local economic cycles
- Sustainable buildings (bio-based raw materials (timber, adobe), digital product and material passport)



Linear model of growth is put on the test bench

## Adaptation for better urban living







- Quality of experience
- Green lounges, stimulating communication & relaxation
- Third places (both for residents & visitors)
- Residents as co-creators of their city/neighborhood

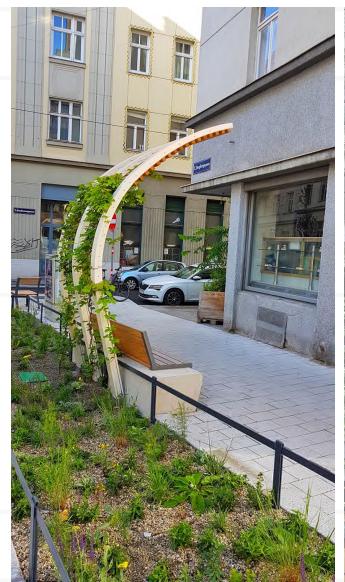


### Green formats for next generation



## Climateresilient neighborhoods

- Green and blue infrastructure
- green roofs/facades, white facades (cooling effect)
- water management, soil unsealing
- cooling zones, fresh air corridors
- farming areas on rooftop/building walls









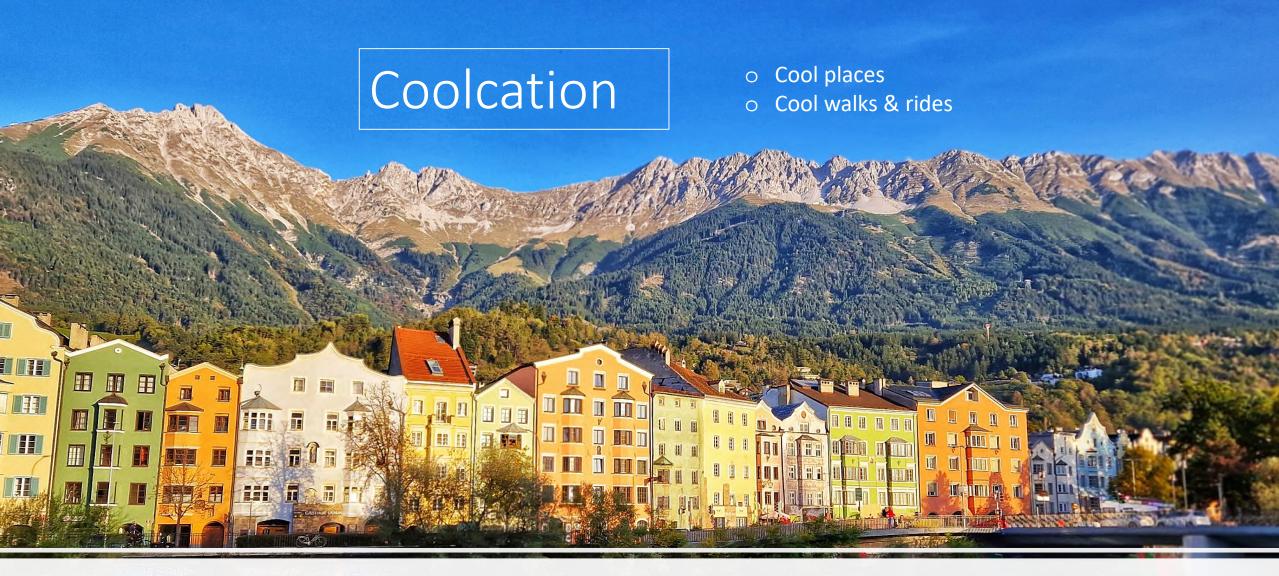






## Tulln: Turning Parking into Park

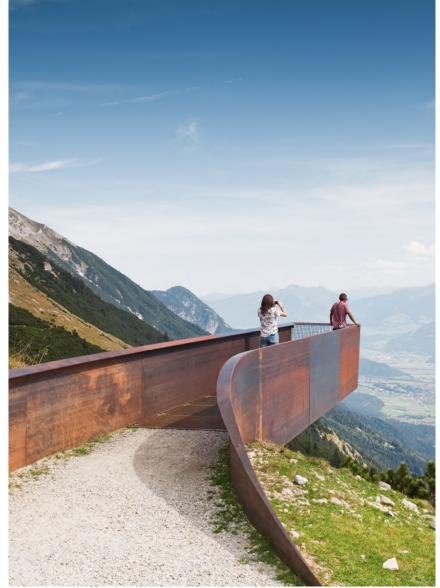
- Nibelungen-Platz: covers 7,900 m², featuring tree shading and smart irrigation systems
- 70% of the area are covered with greenery or gravel surfaces allowing full water infiltration, while 23% consists of permeable paving with wide joints
- High-quality natural stone surface fully permeable
- Multifunctional public space



Cool spots - future points of urban attractions

### Innsbruck - "joy of alpine-urban living"



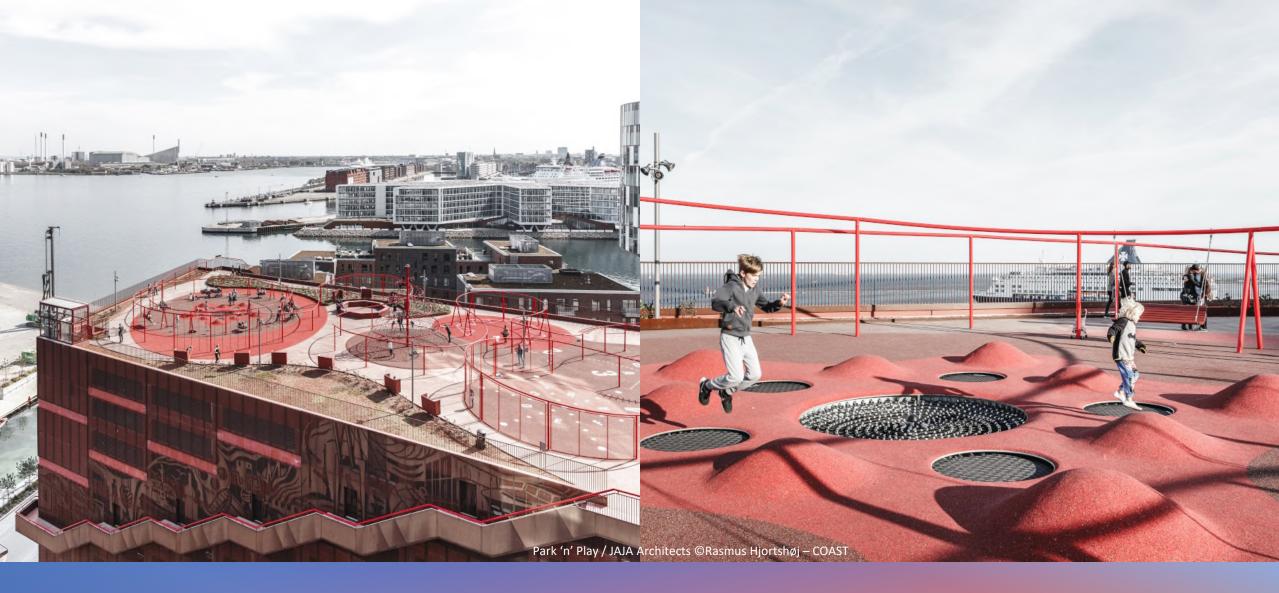


## The city of tomorrow is walkable & bikeable

- Healthy City: pedestrians & cyclists
- Linking micro-mobility & public transport
  (Vienna: 1<sup>st</sup> mover: 365 euro / annual pass)
- Incentives for car-free City centers: free public transport (e.g. Tallinn, Luxembourg City, Augsburg (city center), mobility budgets in companies for climate-friendly mobility







### Transformation / adaptation of urban key places

(e.g. parking houses, shopping centres etc.)

### Hyperlocal mindset



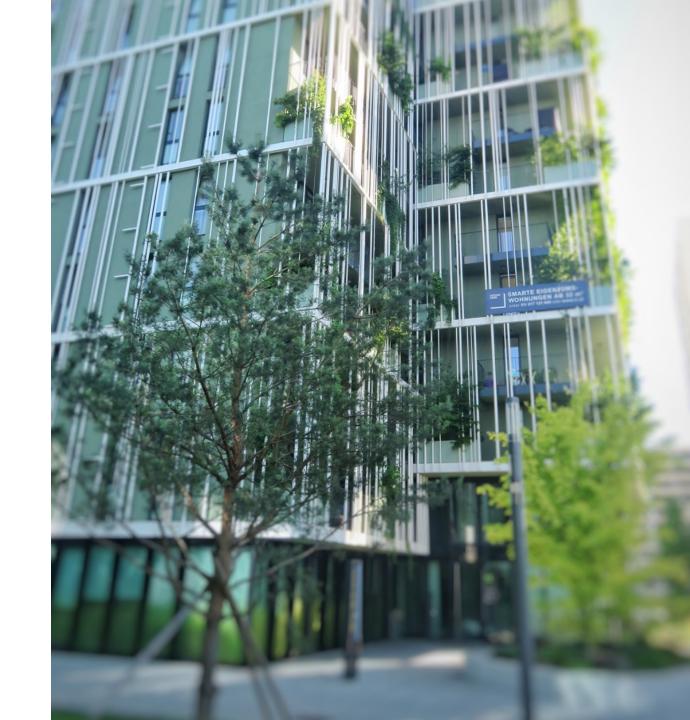
# Smart city fosters urban livability

### Smart cities involve residents in urban planning processes

- Co-creation: district development through "participatory budgets" (Zurich, Vienna, Amsterdam etc.)
- Participation via "digital twins", AI, E-platforms etc.

#### Open innovation

- Vienna: urban mobility labs; climate teams (citizens & experts) in districts; Viertel Zwei: residents = energy production community (solar power traded via blockchain)
- Eindhoven: smart lighting concepts / collaboration between city society, business and research centers











### Future City

- ✓ smart
- √green
- ✓ collaborative





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Ocean Race ©The Hague & Partners

### "Impact City" The Hague

- The Hague → goal: climate neutrality by 2030
- Impact network of public-private partnerships (green economy, renewable energy, food innovation), start-up hubs, R&D etc.
- Purpose-driven: "We believe that economic success goes hand in hand with solutions for a better world"
- Key event "The Ocean Race" (sustainability village, 360° impact measuring)





