

Urban Heat Equality

Projekt Urban Heat Equality / Stakeholder-Prozess / Wissensspeicher / Team / Datenschutz

Klimatag #24 - ACRP-Session 2
04.04.2024

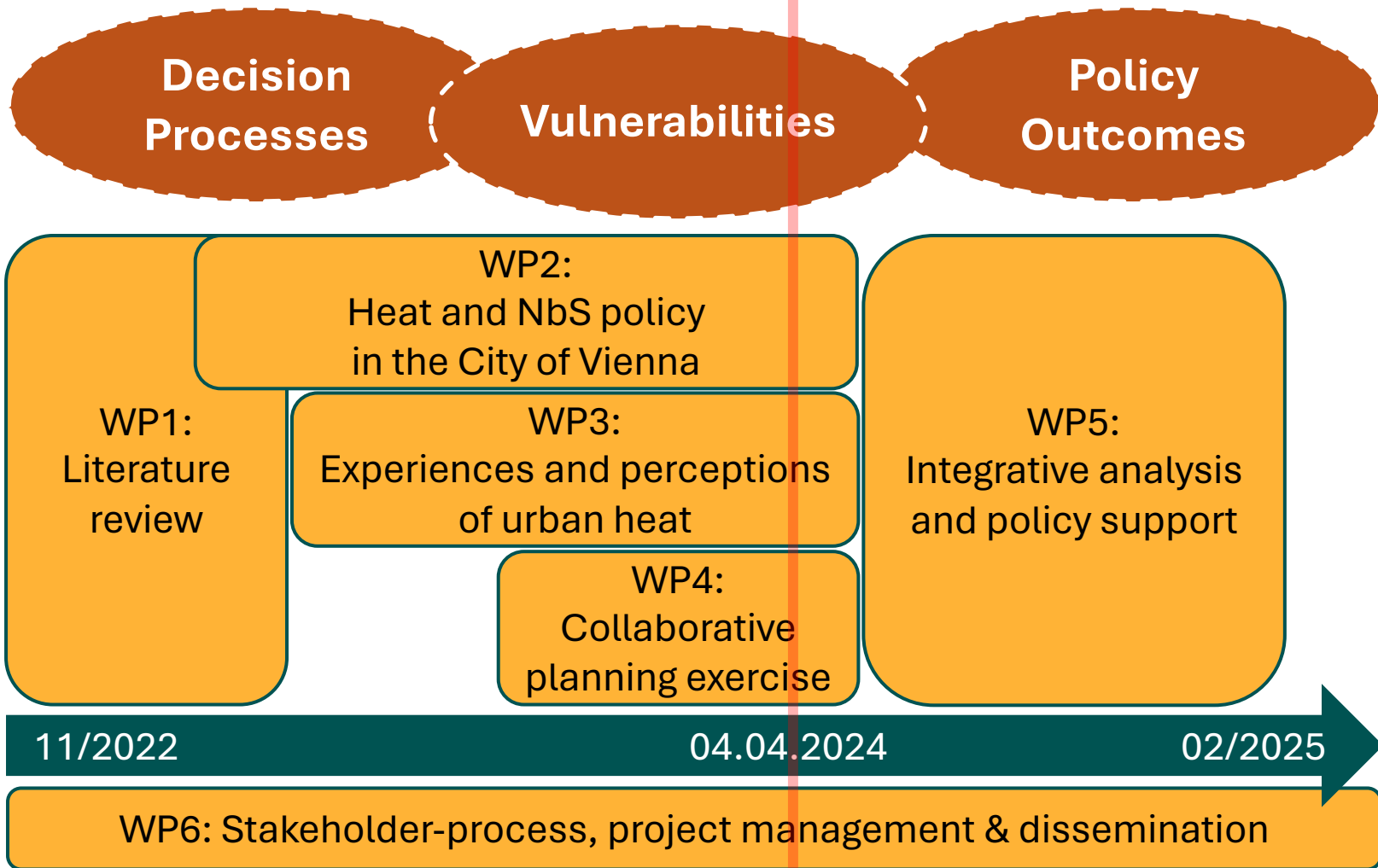
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Patrick Scherhauer, Thomas Thaler

Projekt Urban Heat Equality

Das vom Klima- und Energiefonds geförderte Forschungsprojekt Urban Heat Equality beschäftigt sich mit dem zunehmenden Hitzestress in der Stadt Wien. Im Mittelpunkt stehen Entscheidungsprozesse von naturbasierten Lösungen wie Parks und Fassadenbegrünungen und die daraus resultierende Betroffenheit unterschiedlicher sozialer Gruppen. Mit Bezug zu Fragen sozialer Ungleichheit und Klimagerechtigkeit untersucht Urban Heat Equality folgende für die Klimawandelanpassung relevante Aspekte und deren Zusammenhänge:



Justice



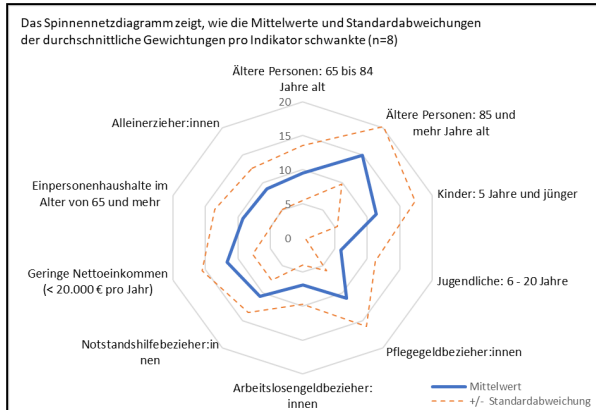
Heat and NbS policy in the City of Vienna

- Since **2022**: Heat-related measures in policy strategies and urban planning documents **more oriented towards vulnerable groups**
- Mostly **ad-hoc measures** targeted towards vulnerable groups (e.g. “Cooling Zones”)
- **Long-term** adaptation focus on **NbS** (public spaces and buildings)
- **Two main approaches** in public spaces:
 - redesign of existing streetscapes
 - adaptation of existing parks



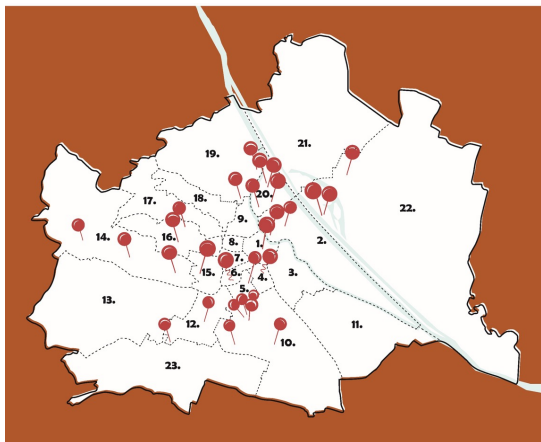
Spatial prioritisation of vulnerable areas?

Weighted Composite Index of Heat,
Green Spaces and Social Vulnerability



map will be released upon publication

Experiences and perceptions of urban heat



1. Behaviour patterns and individual adaption strategies due to urban heat stress in Vienna
2. Use and perception of city areas and infrastructures in Vienna
3. Vulnerabilities and negative impacts of urban heat
4. Needs and suggestions of vulnerable groups

- Qualitative interviews
- Focus groups
- GTM + MAXQDA

Poster series from Viennese for Viennese
for summer 2024

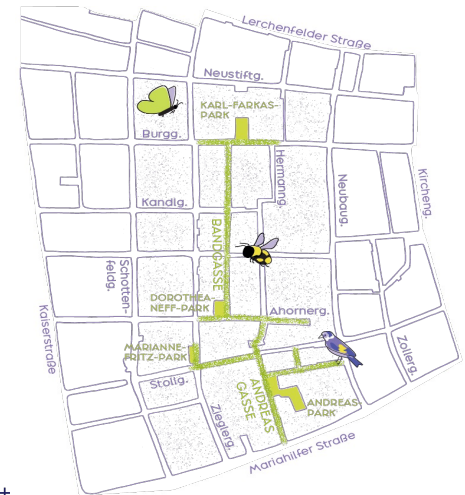
Journal article:

“Urban Heat stress: Adaption strategies and
multiple vulnerabilities in Vienna”



Adaptations and perspectives

- Data collection:
 - Recruiting representatives of vulnerable groups
 - Availability and aggregation of data for heat risk index
- Stakeholder process: High interest, **4** workshops (instead of 2)
- Collaborative planning exercise linked with project “Grünes Band”
- Dissemination into practice: Poster series (instead of brochure about local knowledge)
- ACRP links:
 - DISCC-AT
 - ADAPT-UHI
 - JustFair



<https://urbanheat.boku.ac.at/>

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