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CITIES: HOT SPOT OF TODAY'S CHALLENGES

High expectations by decision-makers (climate targets, city targets etc.)

Sustainable development goals

Urban Densification and Transformation

Availability of Data

NEW REQUIREMENTS FOR CITY PLANNING

Stakeholders & Citizens are part of the planning process

Transparent & informed planning procedures

Proof-of Performance (KPIs etc.) for fact-based decision making

Digital Cooperation



Urban Resilience & Transformation

Smart Spatial Planning Systems

Strategies & Processes for Energy-Climate-Transformation

Informed & Participatory Planning



PROJECT INSIGHTS

Digital City - IBA Heidelberg, Germany

- Project PHVision
- Creating an action-oriented framework for the Patrick-Henry Village district of Heidelberg
- Co-creation master planning process



Urban Climate Strategy Linz, Austria

- Project Clarity
- Climate Model, Scenarios, Impact Assessment
- Action Plan (Strategies, Guidelines, Toolbox, Implementation)





TRADITIONAL PLANNING APPROACH

High use of resources → no guarantee for the best solution

Demand of many meetings → limited performance evaluation

Coordination of specialists → not integrated in the process



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Co-design & interaction with stakeholders



Fast development of performance proof designs



Real-Time simulation & evaluation through AI assistance



24/7- Online Plattform Interactive 3D / AR models

NEW METHODS, TOOLS & PROCESSES



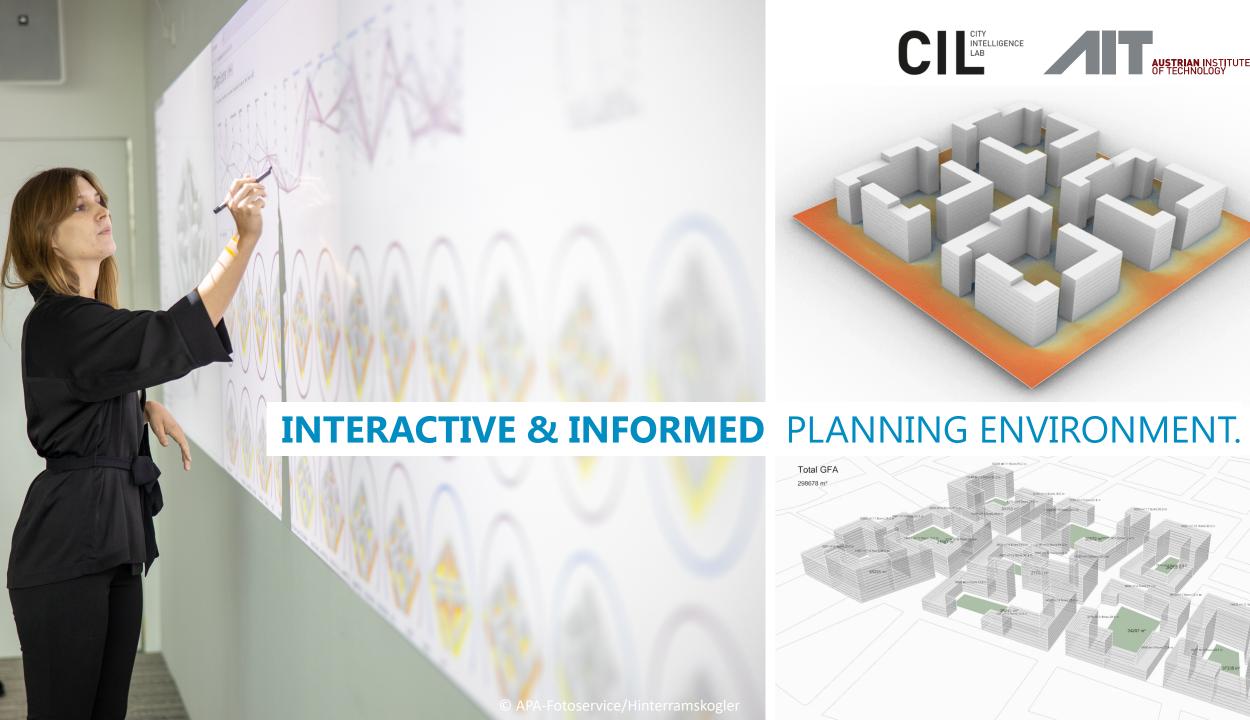


... is an incubator for intelligent solutions and co-creation of digital urban planning workflows and processes

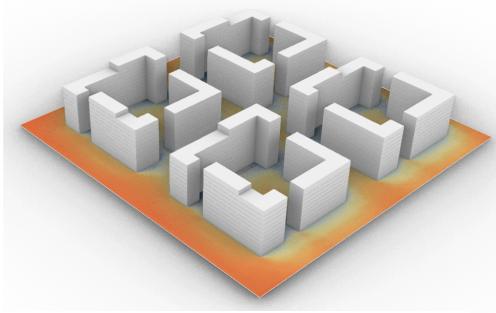
... is applying AR and interactive design interfaces to create simulations, generative design, and artificial intelligence solutions

... is addressing citizens, city authorities, real estate developers, and a variety of urban practitioners















Thank you!

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