



hcu HafenCity
Universität
Hamburg

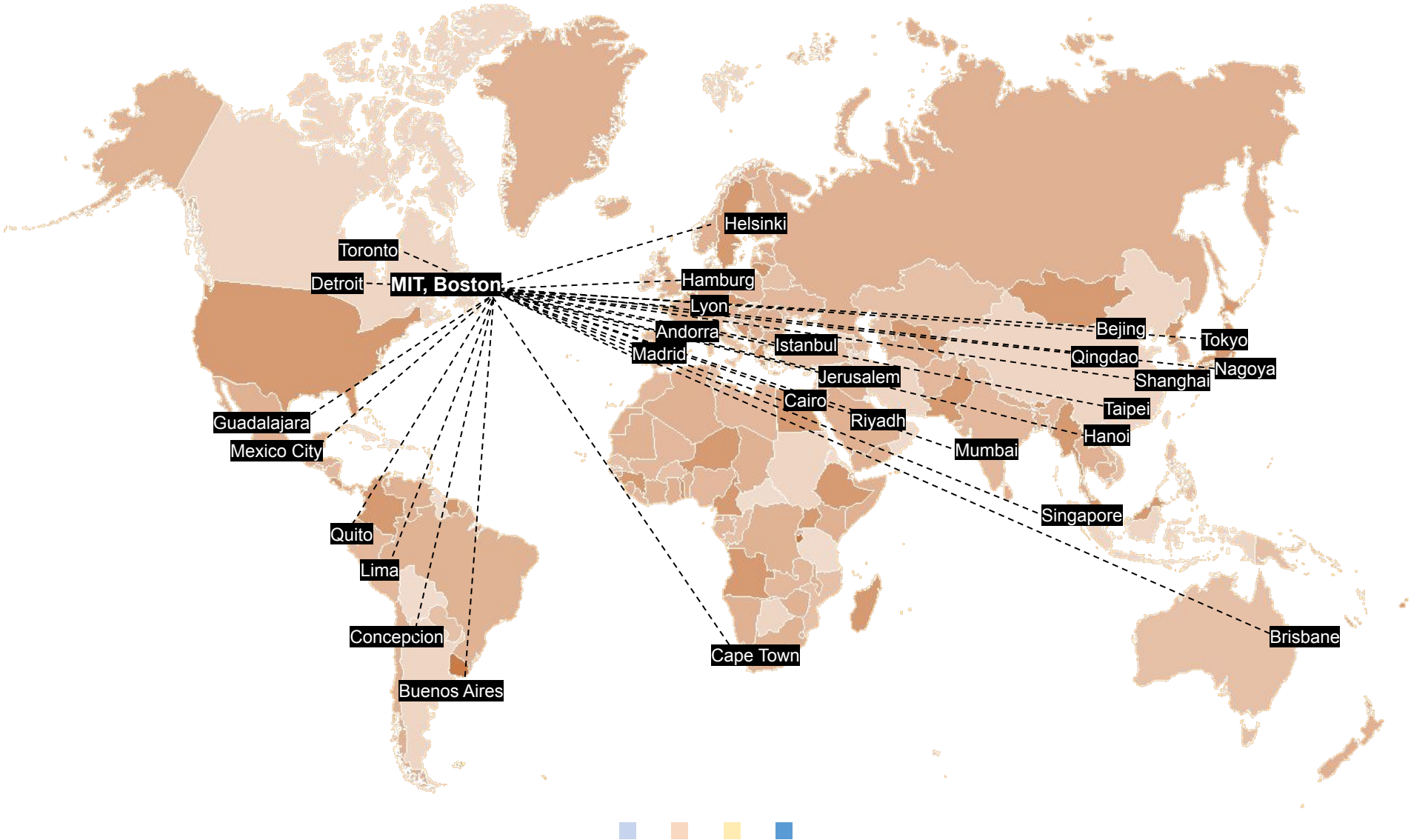
City Science Lab
A Cooperation with the
MIT Media Lab

Hamburg: Transparent und digital









City Science Summit



© Angela Pfeiffer



Lord Norman Foster giving his Keynote Speech



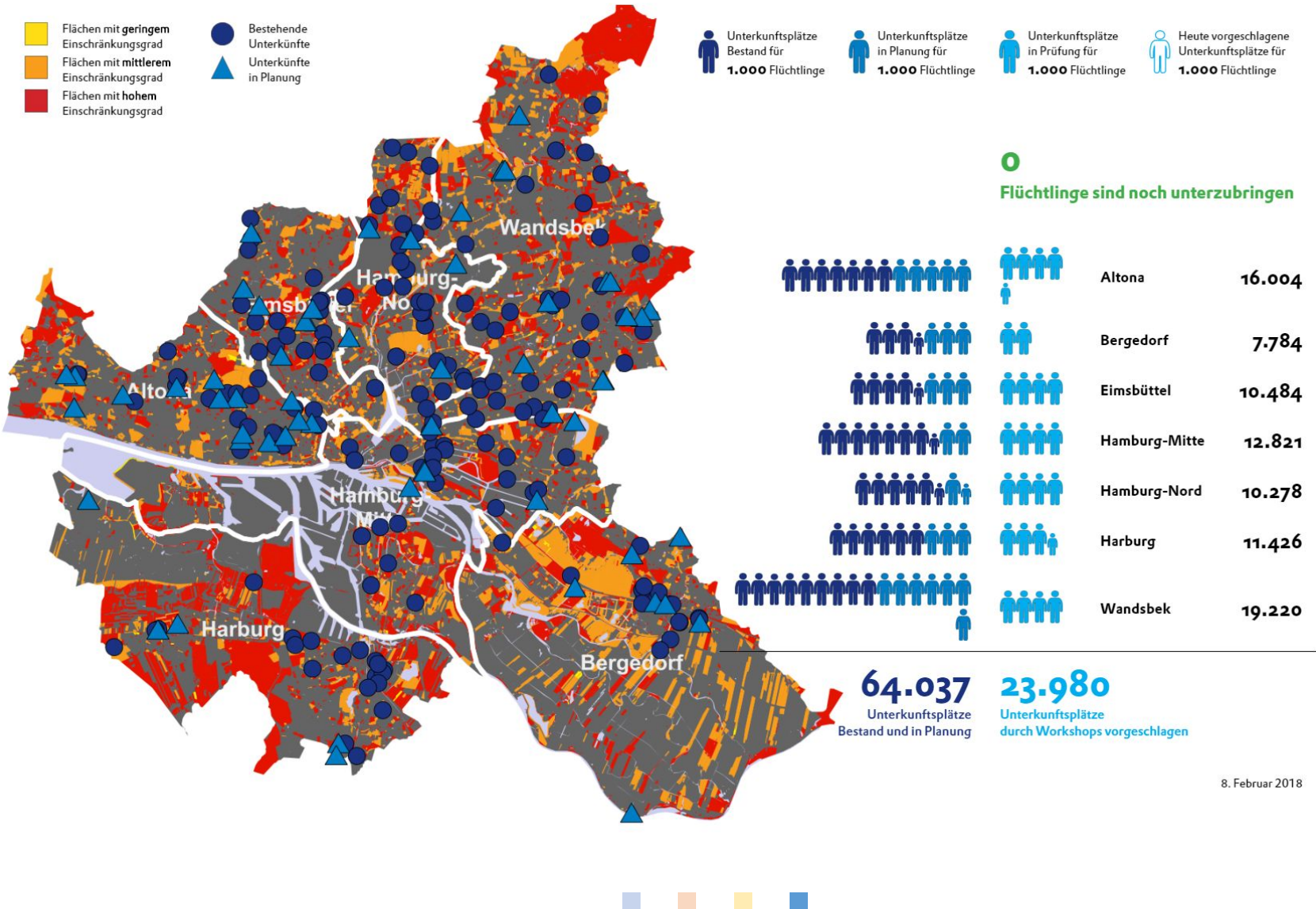
Prof. Dr. Gesa Ziemer, Director of the CityScienceLab and
Kent Larson Director of MIT Media Lab's City Science Group

City Science Summit





Finding Places



Finding Places



Katharina Fegebank – Senator for Science and Research Hamburg

Prof. Dr. Gesa Ziemer – Director CityScienceLab

Olaf-Scholz – Federal Minister of Finance and Vice Chancellor

Dr.- Ing. Walter-Pelka – Former President of the HCU Hamburg

Kent-Larson – Director of MIT Media Lab's City Science Group

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Hamburg

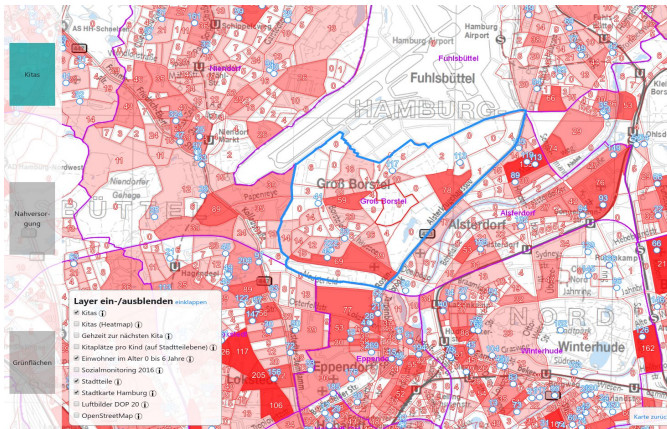
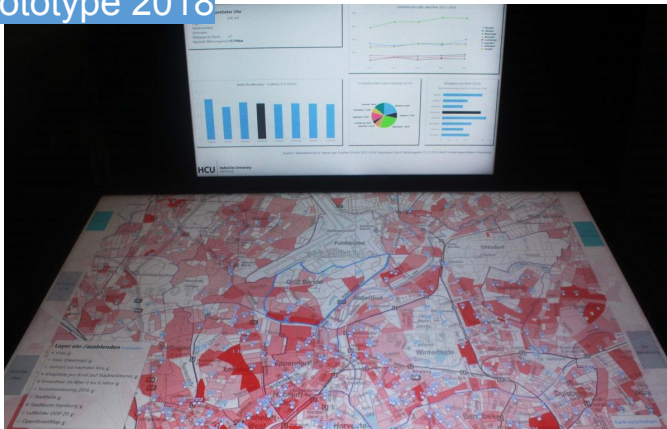
DIPAS: Digitales Partizipationssystem





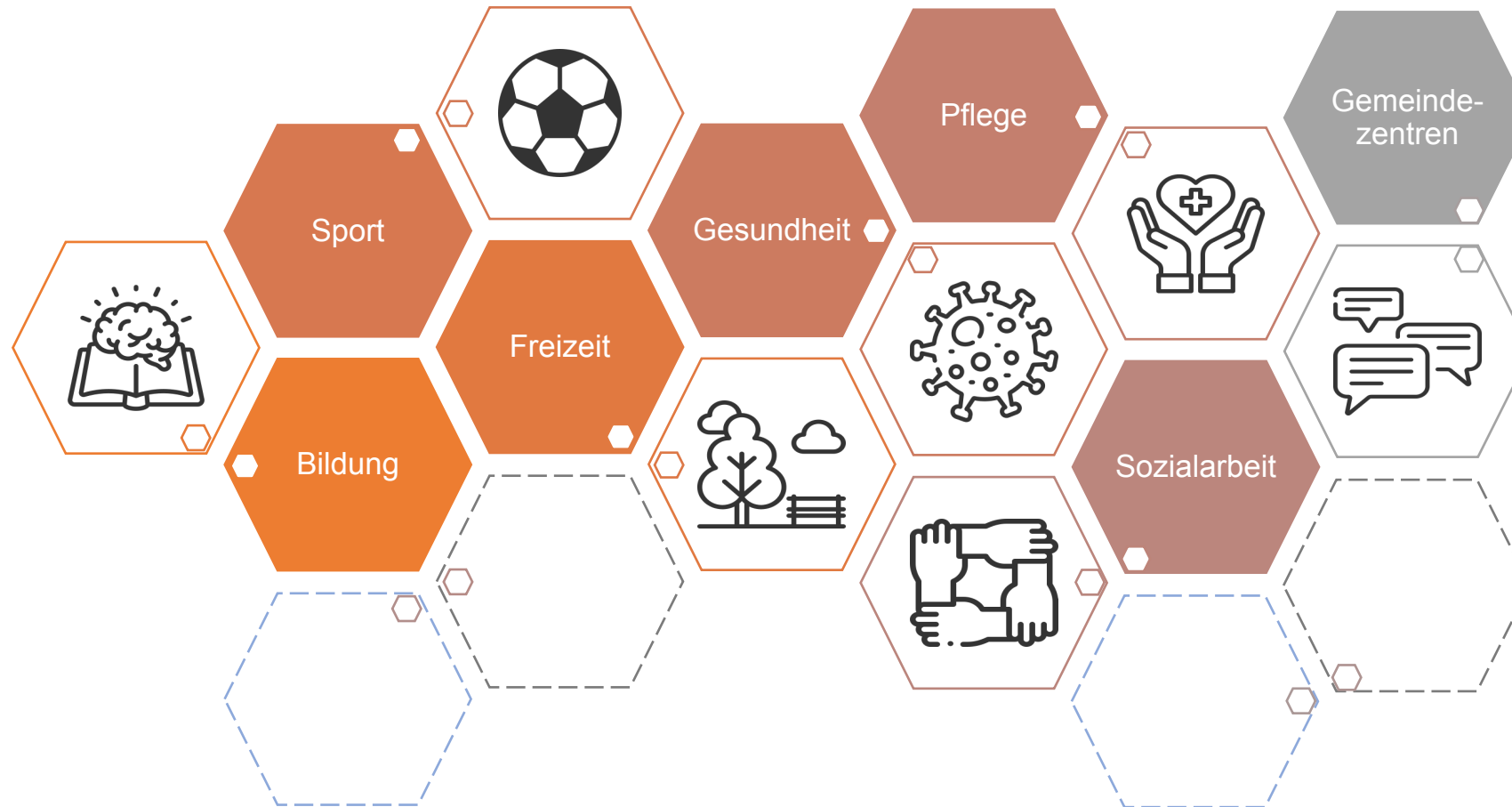
CoSI: Cockpit Städtische Infrastruktur

CoSI Prototype 2018

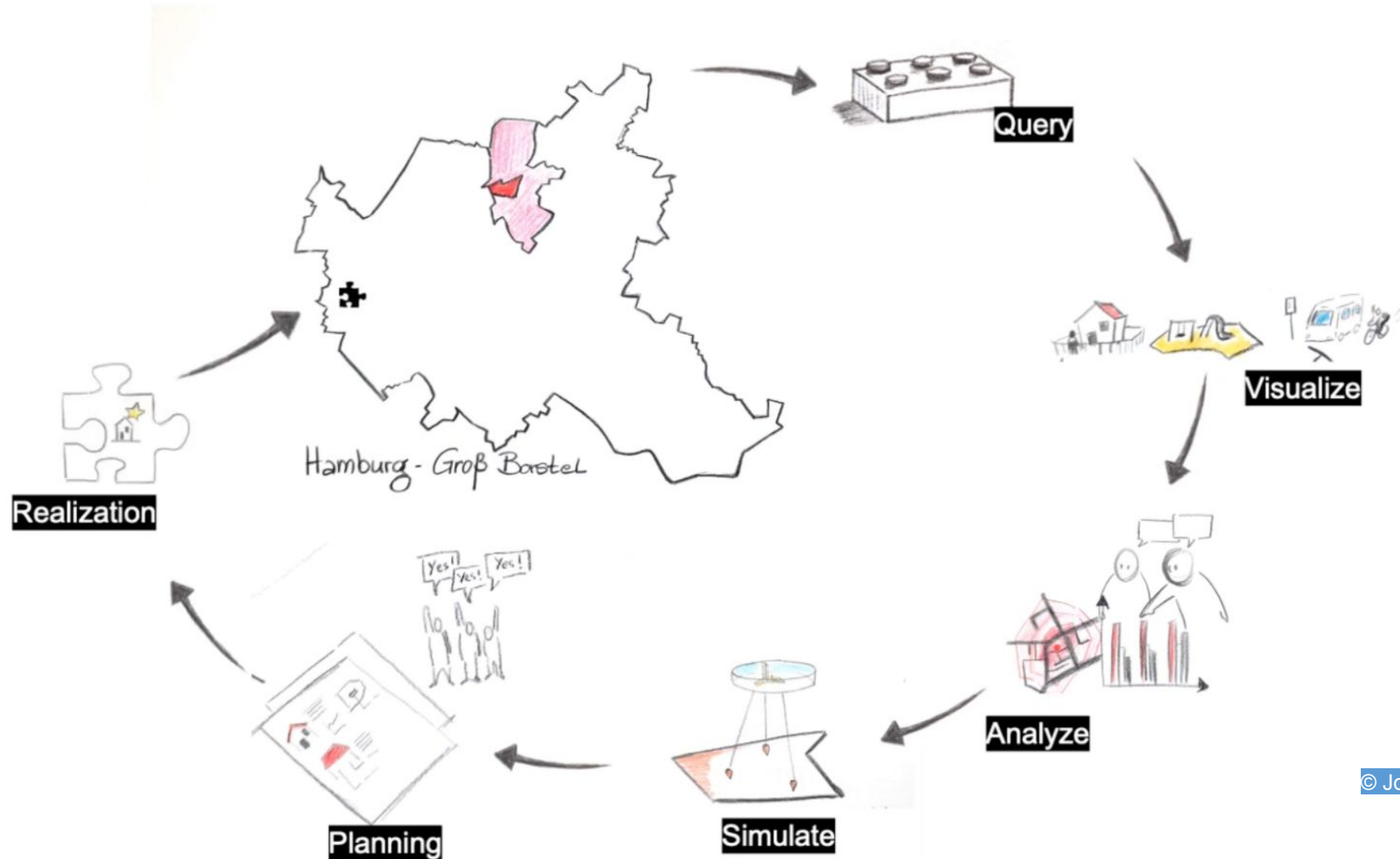


User Story Workshops

CoSI: Cockpit Städtische Infrastruktur

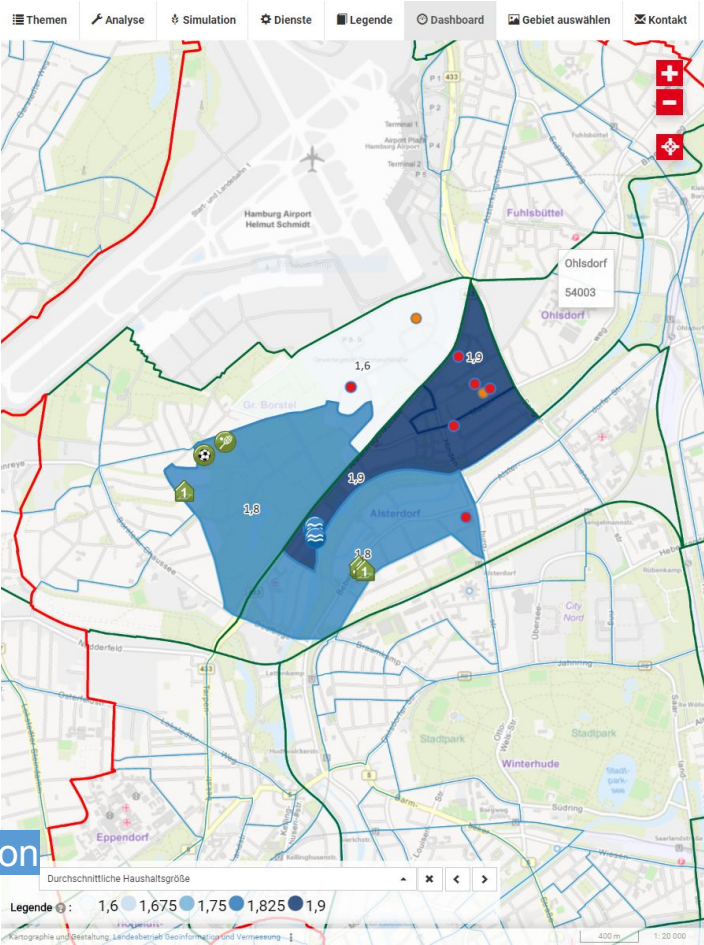


CoSI: Cockpit Städtische Infrastruktur



CoSI: Cockpit Städtische Infrastruktur

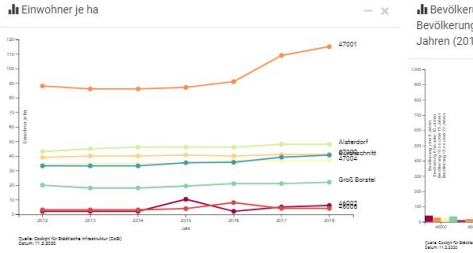
Analyse
Simulation



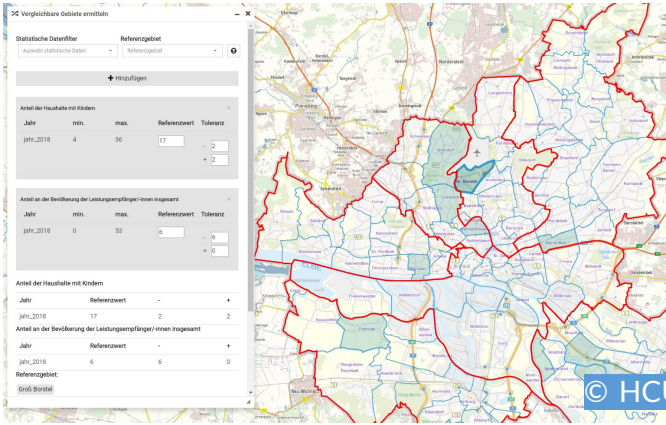
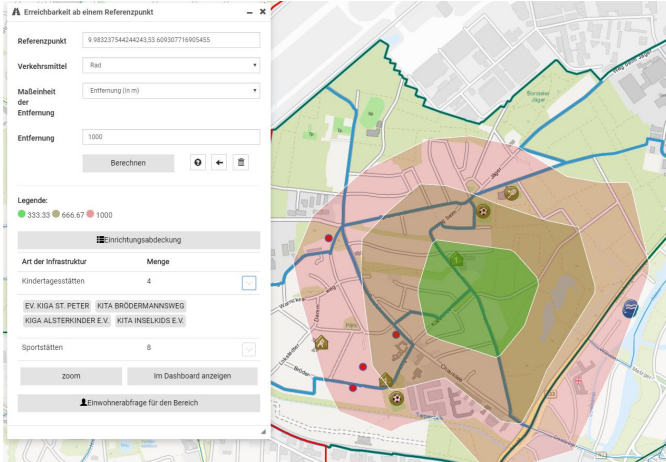
CoSI

Wohngebäude	2018	43	130	220	
Wohnungen in Wohn- und Nichtwohngebäuden	2018	74	195	1.363	1
Verkehr	Jahr	46002	46006	47001	47
Anteil der PKW mit Schadstoffklasse 4 bis 6	2018	98,4	93,3	95,3	
Gewerbliche PKW	2018	1.044	71	43	
PKW Bestand	2018	1.095	208	826	
Private PKW	2018	51	137	783	
	2017	44	141	734	
	2016	45	135	718	
	2015	44	144	687	
	2014	42	147	693	
	2013	47	142	677	
	2012	45	147	692	
Private PKW je 1000 Einwohner	2018	109	389	239	

Als CSV herunterladen Als CSV herunterladen (gefiltert)



Dashboard zurücksetzen



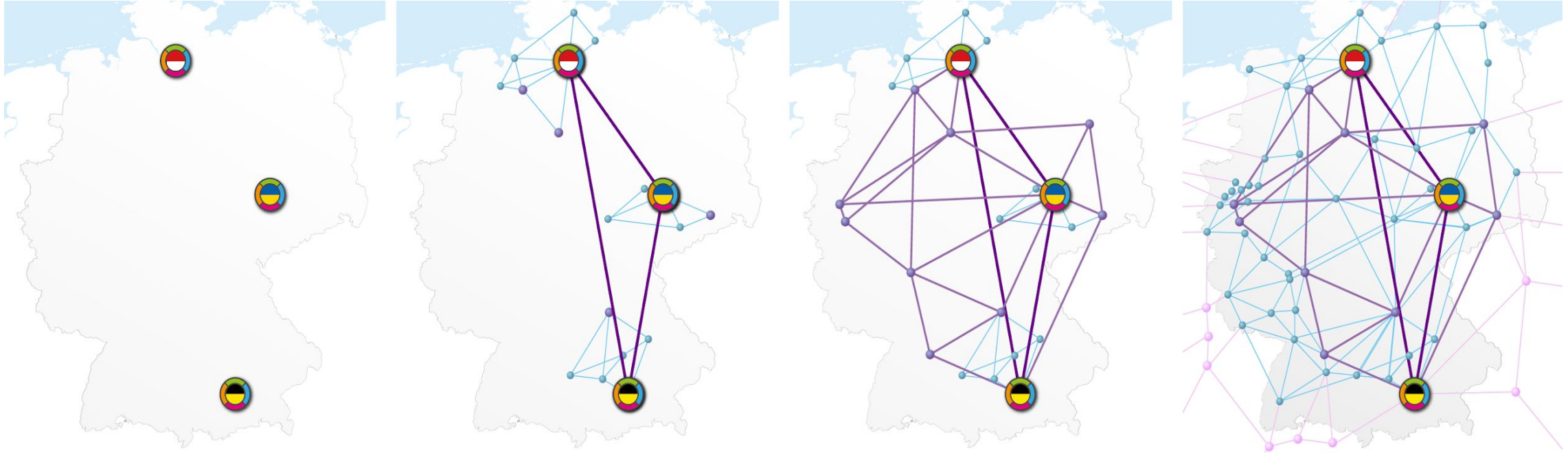
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BRUNSWALD



CUT: Connected Urban Twins



CUT: Connected Urban Twins

HafenCity Universität



Holger Prang



Till Degkwitz



Rico Herzog



Martin
Niggemann



Michael Ziehl



Johanna
Fleischer

TU München



Prof. Thomas H. Kolbe



Dr. Andreas Donaubaier



Dr. Ihab Hijazi



Dr. Tatjana Kutzner



Dr. Andreas Keler



Dr. Eric Peukert



Mandana Moshrefzadeh



Johanna Vogt



Bruno Willenborg



Benedikt Schwab



Son H. Nguyen



Christof Beil



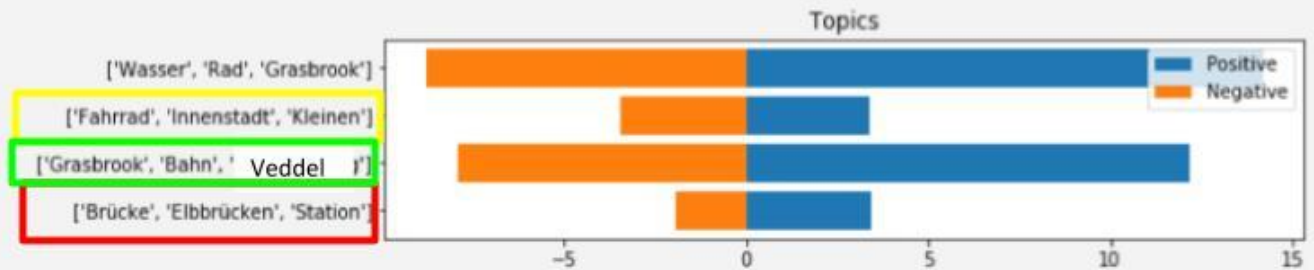
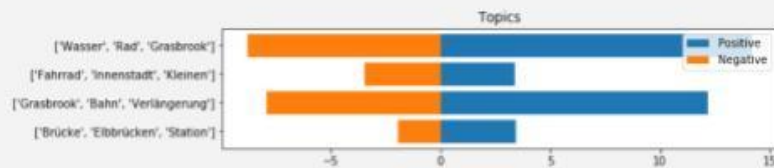
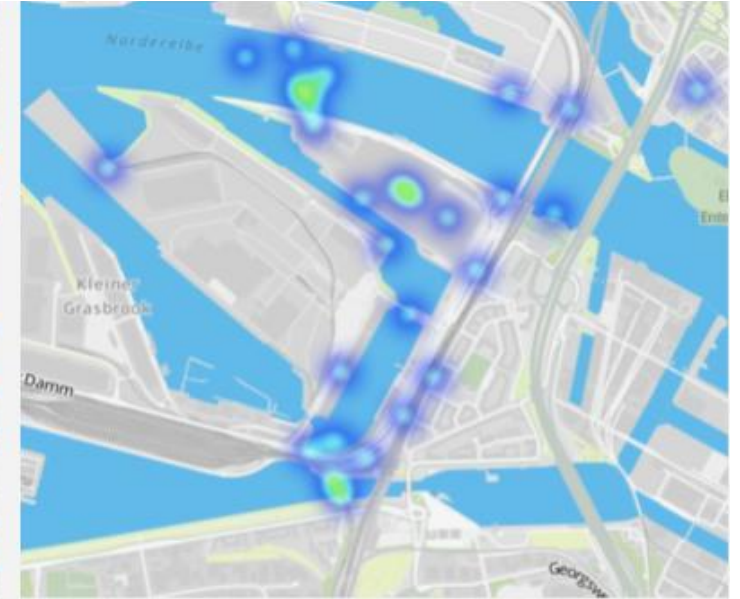
Marija Knezevic



Murat Kendir

SCADS KI Zentrum

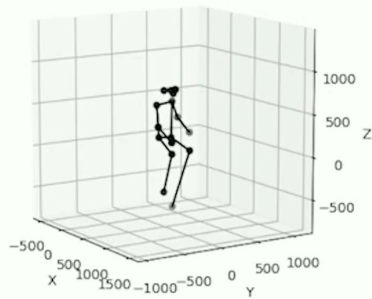
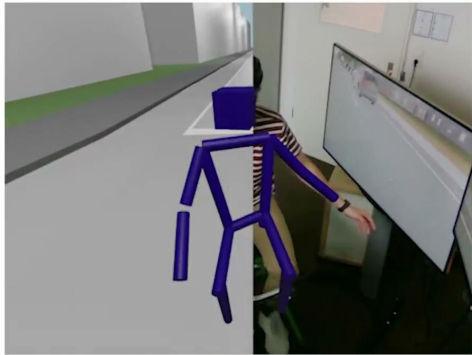
Analysewerkzeuge



Luftqualität



Verkehrssimulation



Timeline



Head gesture:
Left glance



Arm gesture:
Left arm



© TU Munich
Kehler

Inventarisierung über KI

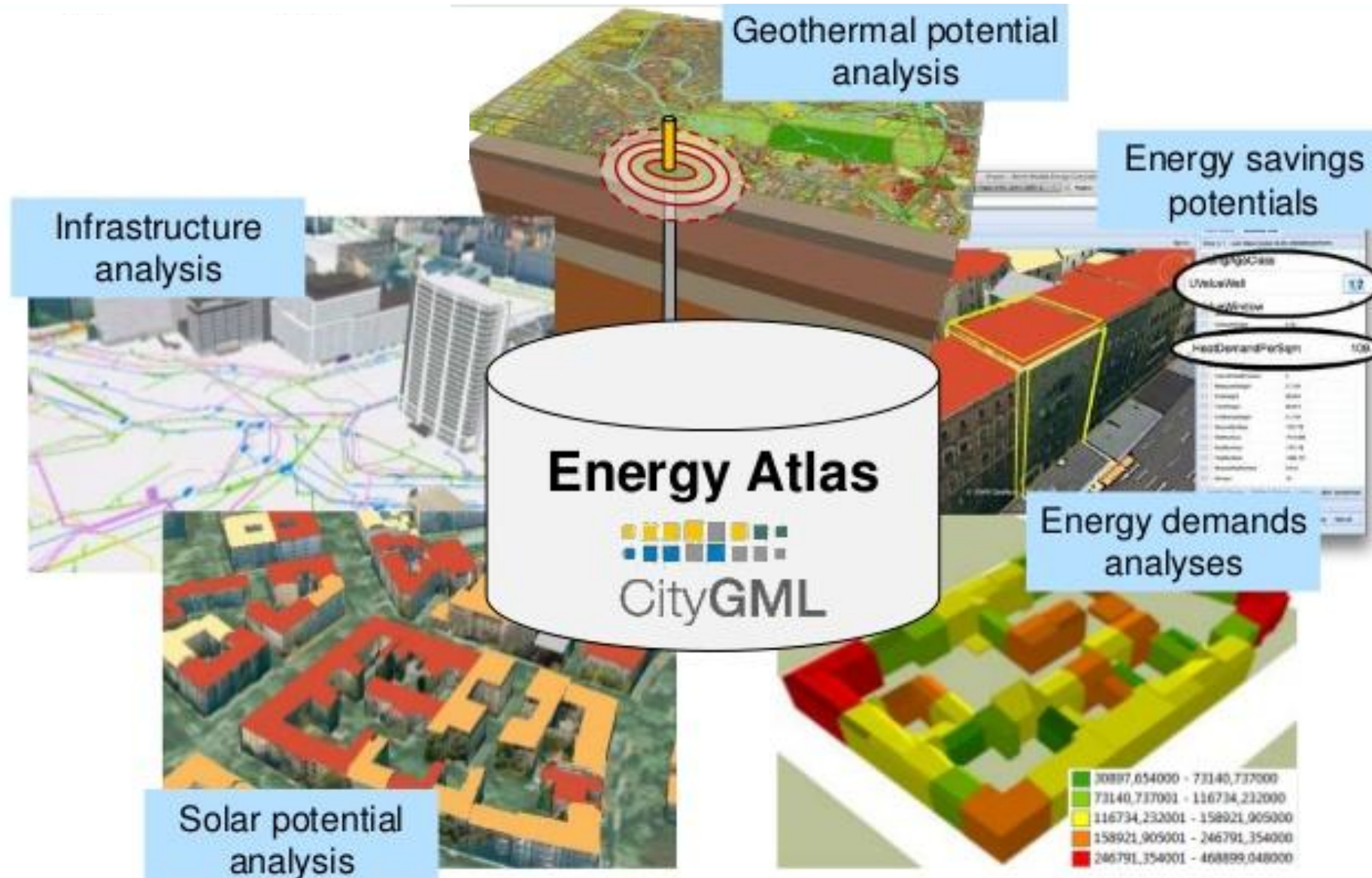


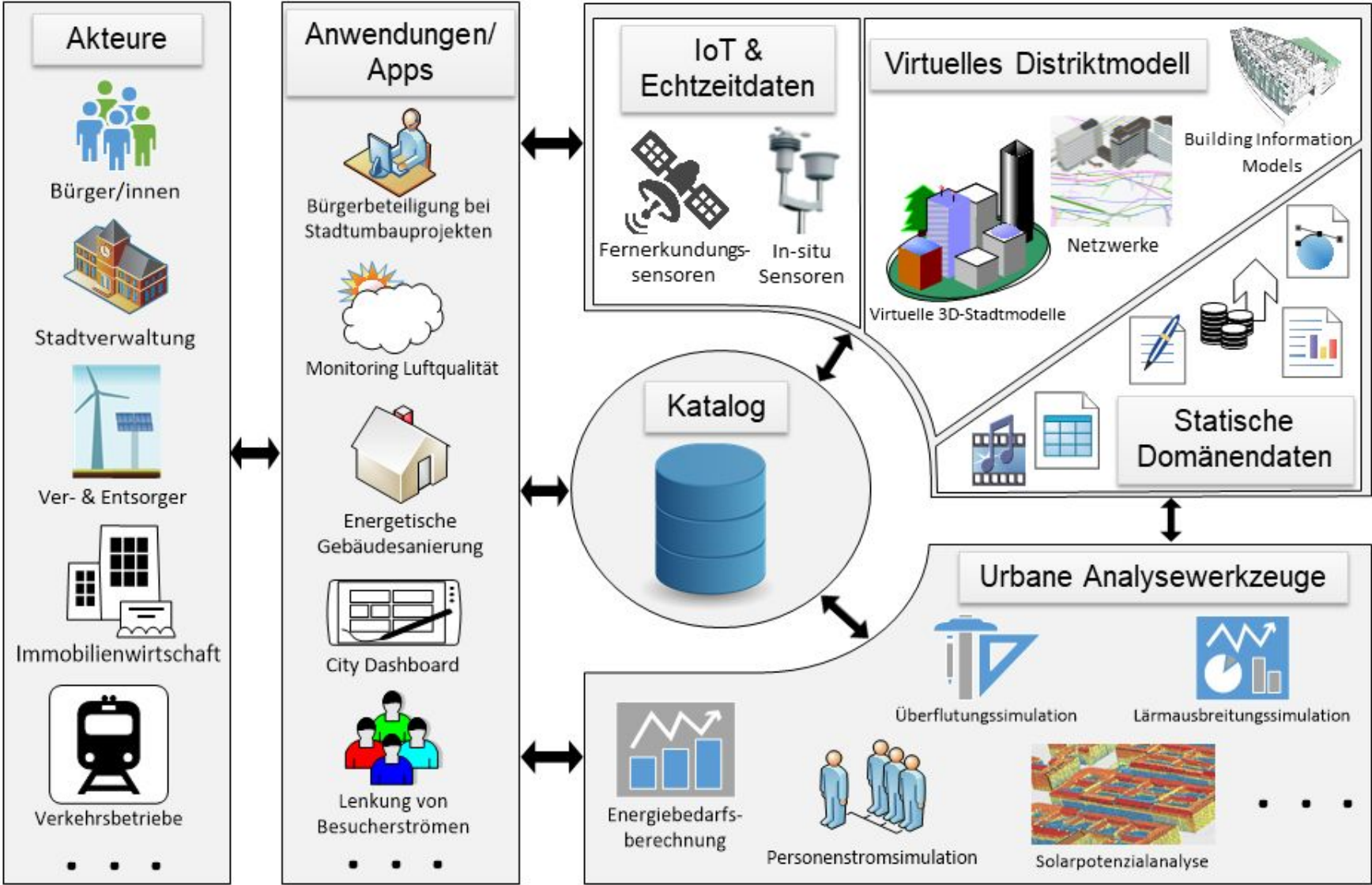
Landeshauptstadt
München
Kommunalreferat



München.
Digital. Twin.

3D Basisdaten





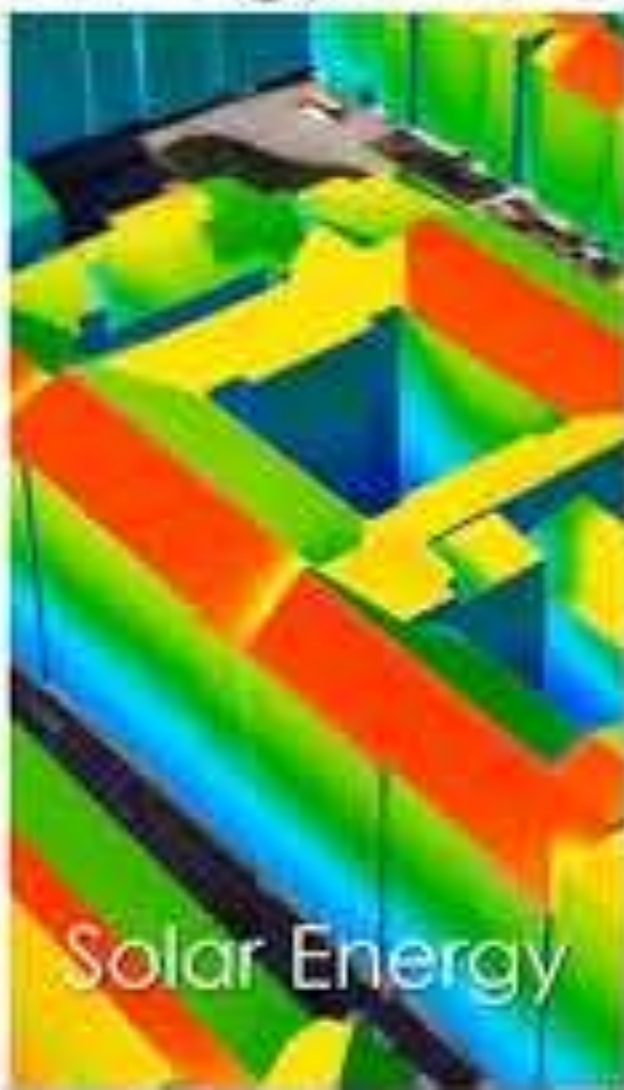


Helsinki Energy and Climate Atlas

hel.fi/3D



Energy Data



Solar Energy



Heat Demand



Geoenery

© City Helsinki

The background image shows a wide river or harbor under a grey, overcast sky. In the middle ground, a large white cargo ship with a dark hull is docked at a pier. Several cranes are visible on the pier and in the background. In the foreground, on the left, there is a small concrete structure with a white cylindrical tower on top, which appears to be a navigation or control tower. The water is calm and reflects the light from the sky.

PaKOMM

**Participation-
Collaborative and Multimedia**

2020-2023

SDG 11: Nachhaltige Städte und Gemeinden



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 www.hcu-hamburg.de/research/csl/

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 twitter.com/citysciencelab