

# Consideration of Climate Change in the Design of Parks and Open Spaces

A study worked out on instruction  
of the State Chancellery  
of North-Rhine Westphalia



Staatskanzlei  
des Landes Nordrhein-Westfalen



INTERREG IVC  
INNOVATION & ENVIRONMENT  
REGIONS OF EUROPE SHARING SOLUTIONS



European Union  
European Regional Development Fund



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Presentation by Lutz Meltzer, *stadttext*,  
at Mikołów on 25-07-2014

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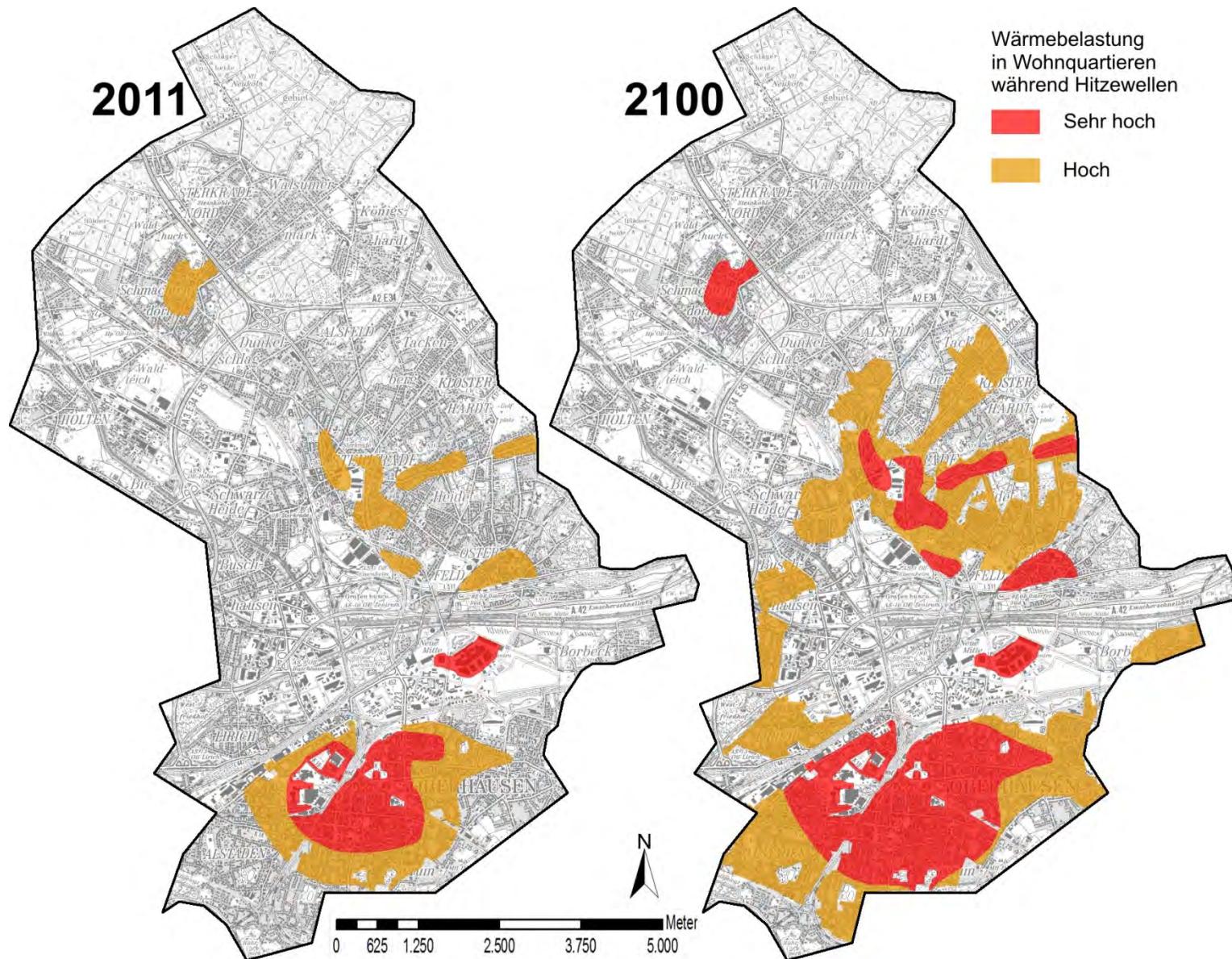
# General context

- situation in urbanized regions
- mainly in North Rhine-Westphalia
- designing of open space as a complex process of interactions

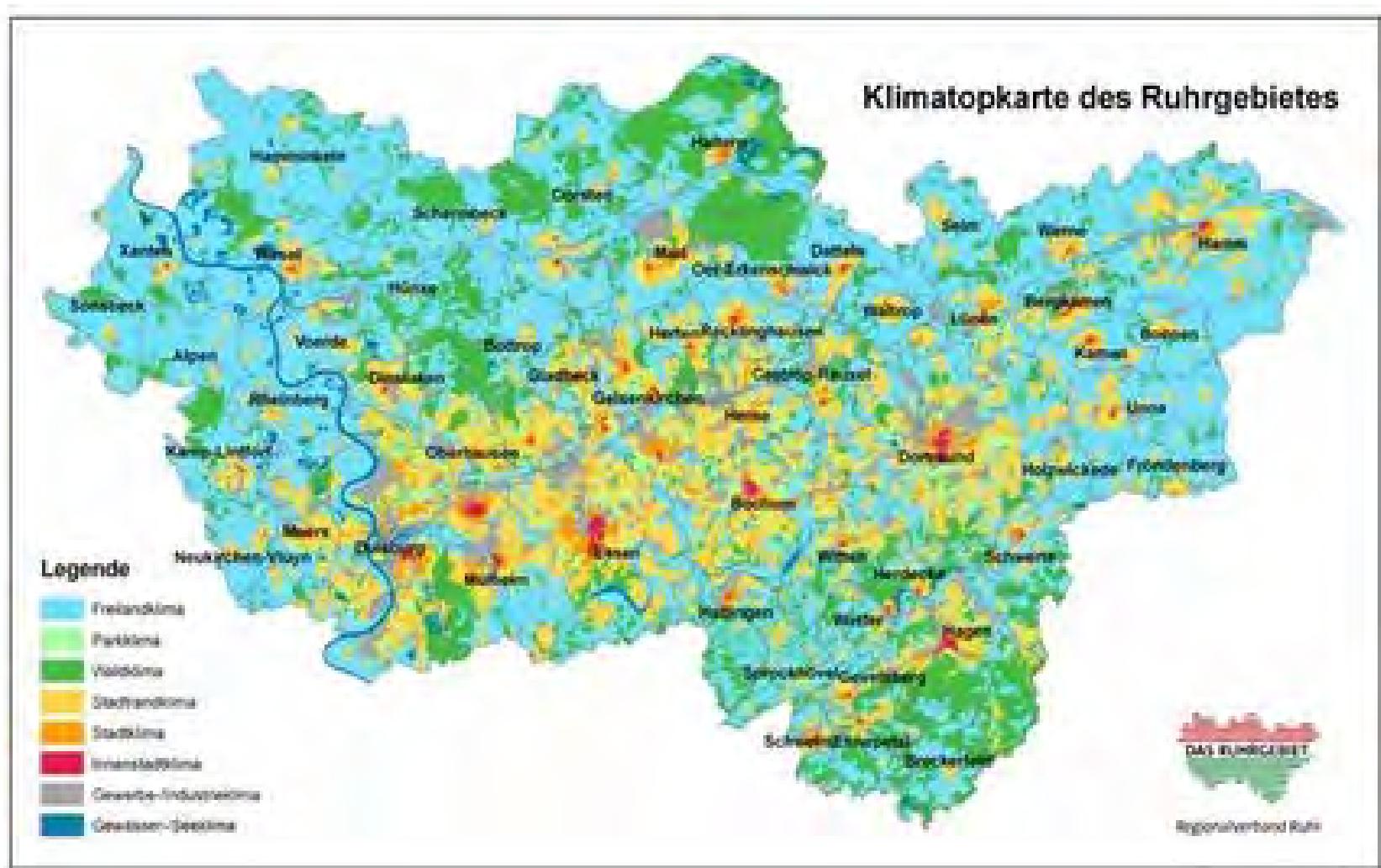
# Regional level policies

- Protection and integration of fresh air corridors
- Generally equal allocation of quarter parks
- Identification of critically stressed areas
- Integrated analysis of urban microclimate, water management and green area potential

# Increasing urban heat islands at Oberhausen



# Climatic typologies in the Ruhr area





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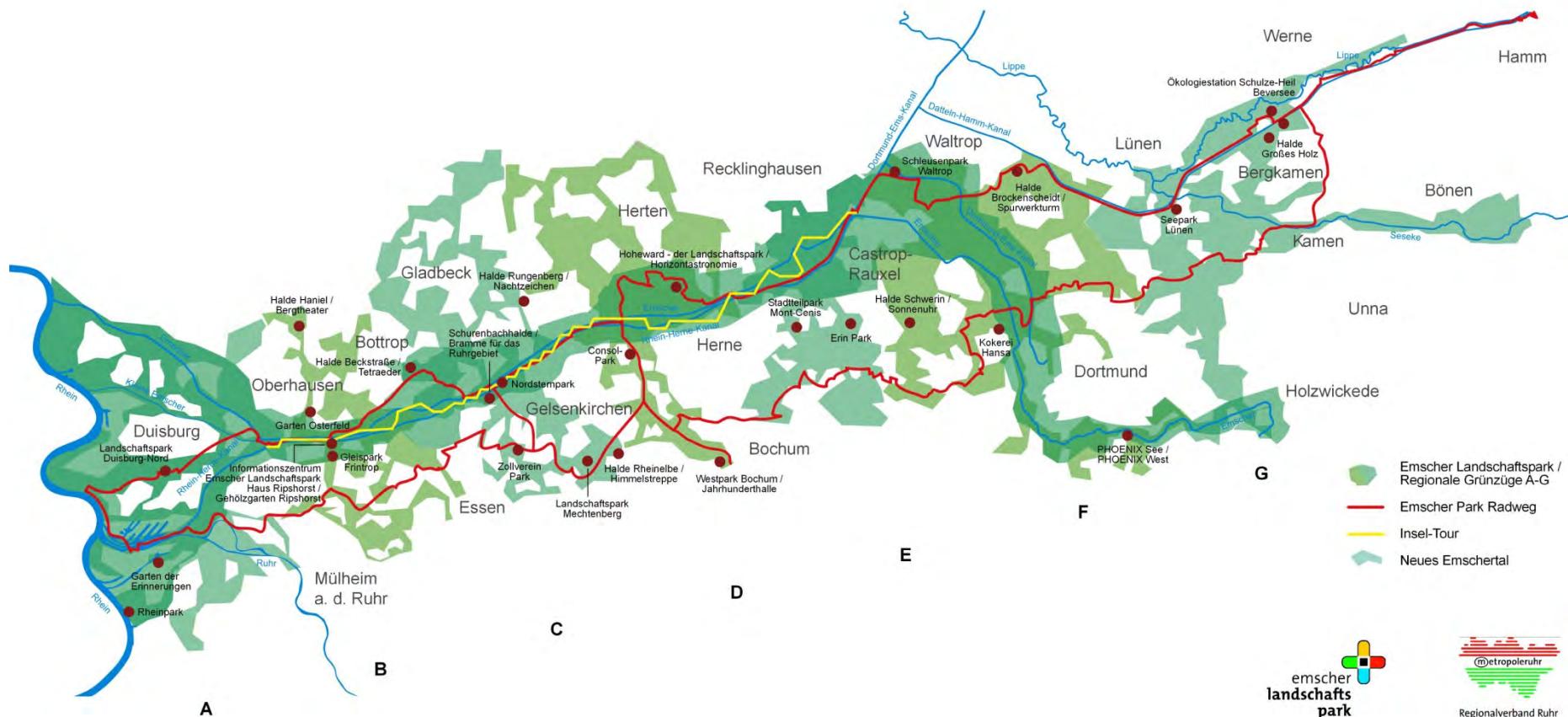
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# The Emscher Landschaftspark, a hybrid park project in permanent progress





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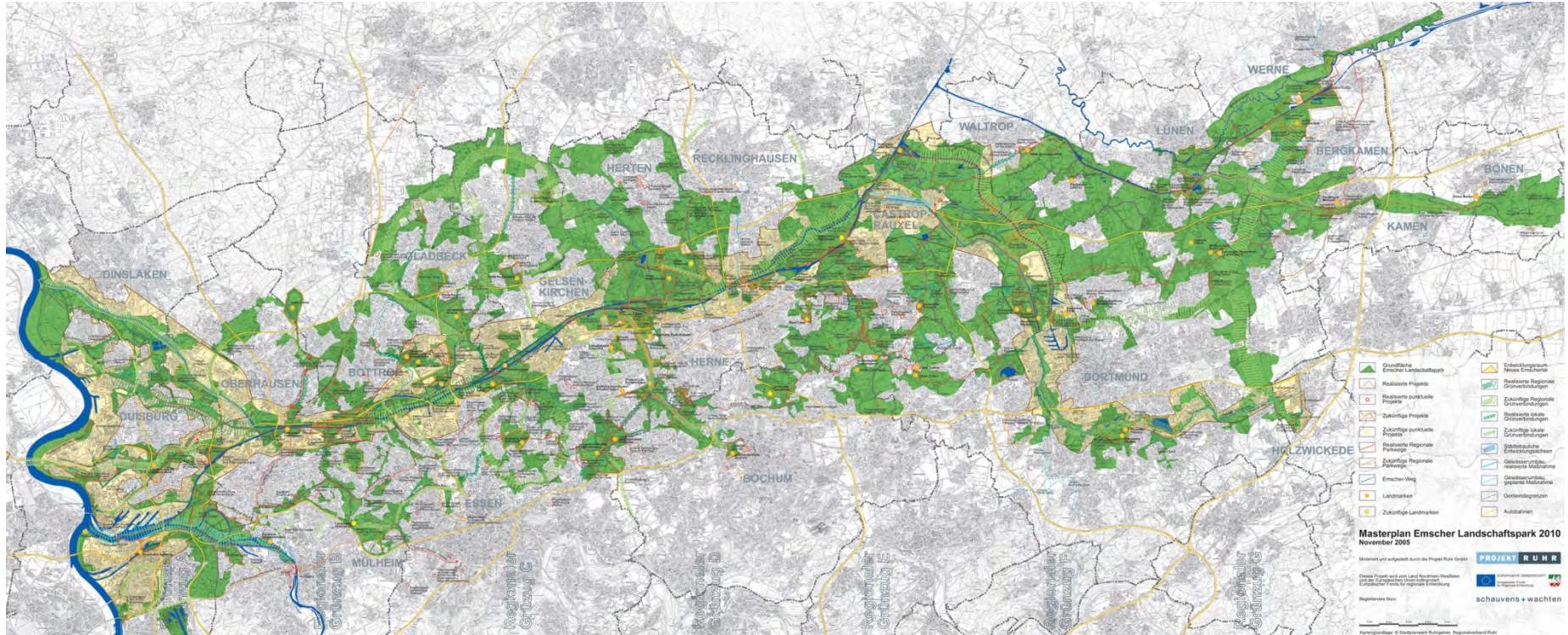
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# The Emscher Landschaftspark, part of a unique rag rug of open spaces



Masterplan Emscher Landschaftspark 2010, by Projekt Ruhr GmbH



UG\_Prinzess\_1\_©\_Jan Kopetzky



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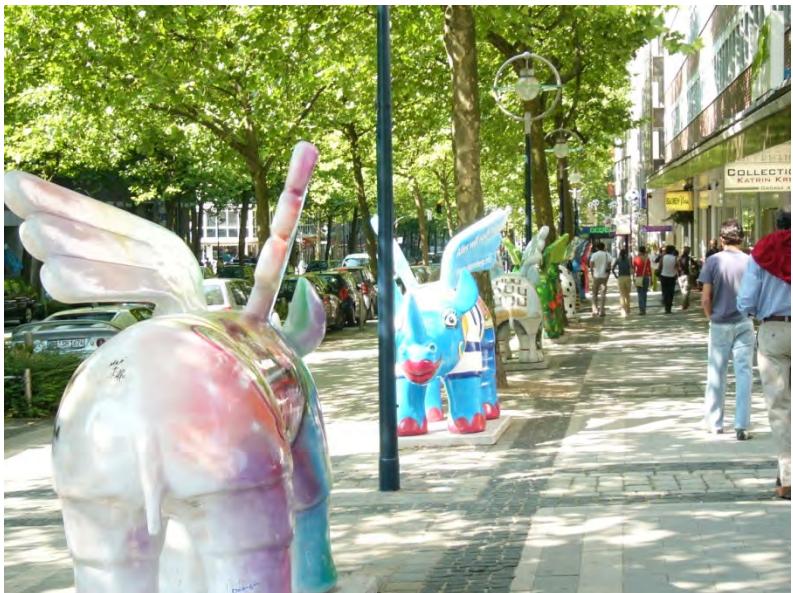
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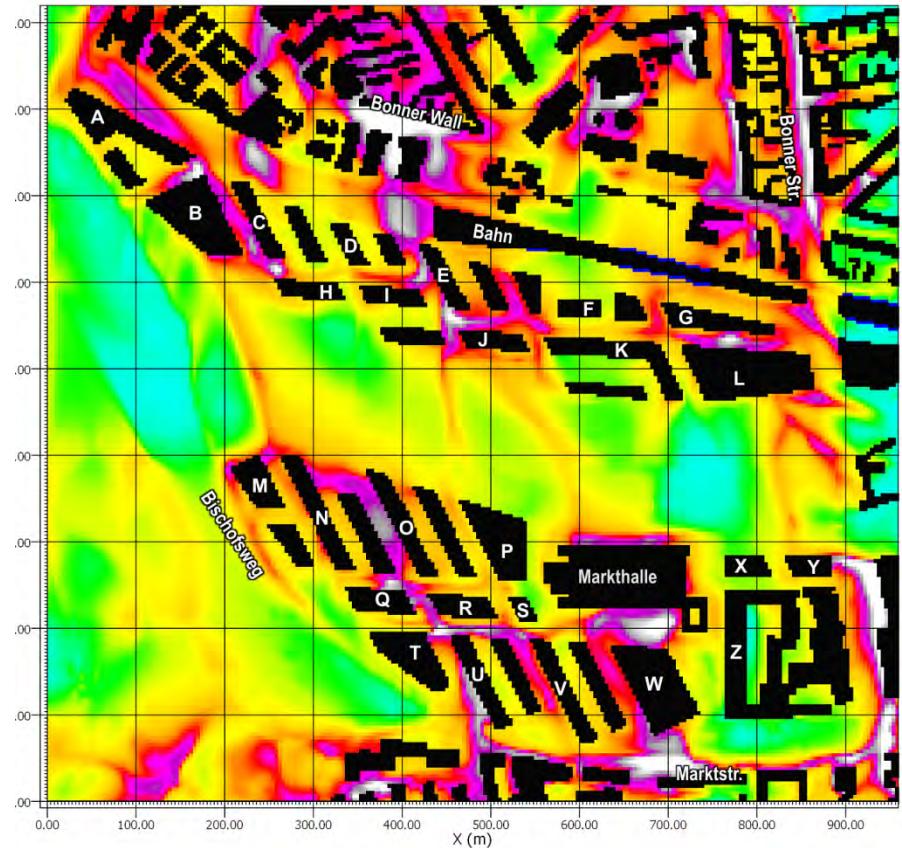
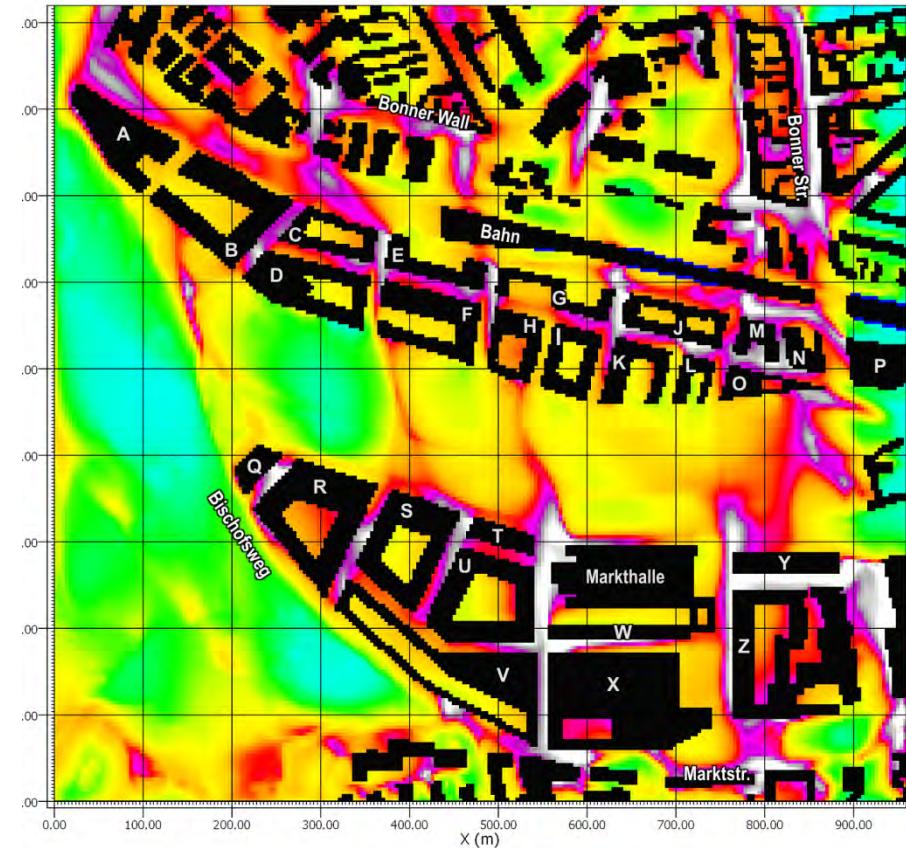
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# Climatically optimized planning in Cologne



Landesamt für Natur, Umwelt und Verbraucherschutz Nordrhein-Westfalen: Klimawandelgerechte Metropole Köln. Abschlussbericht. LANUV-Fachbericht 50. Recklinghausen 2013, pp. 93f

# Thank you very much for your attention!

