

greener cities and urban green growth

Chiang Mai - November 2014



City of Dortmund
Environment Agency

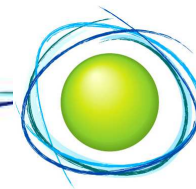


Resilient Dortmund

From Grey to Green

Michael Leischner

Municipal Climate Protection



Programme of Action
Climate Protection 2020
Dortmund

Dortmund is located at the coalmining area of Germany



280 km² 581.000 inh.



Dortmund 1647

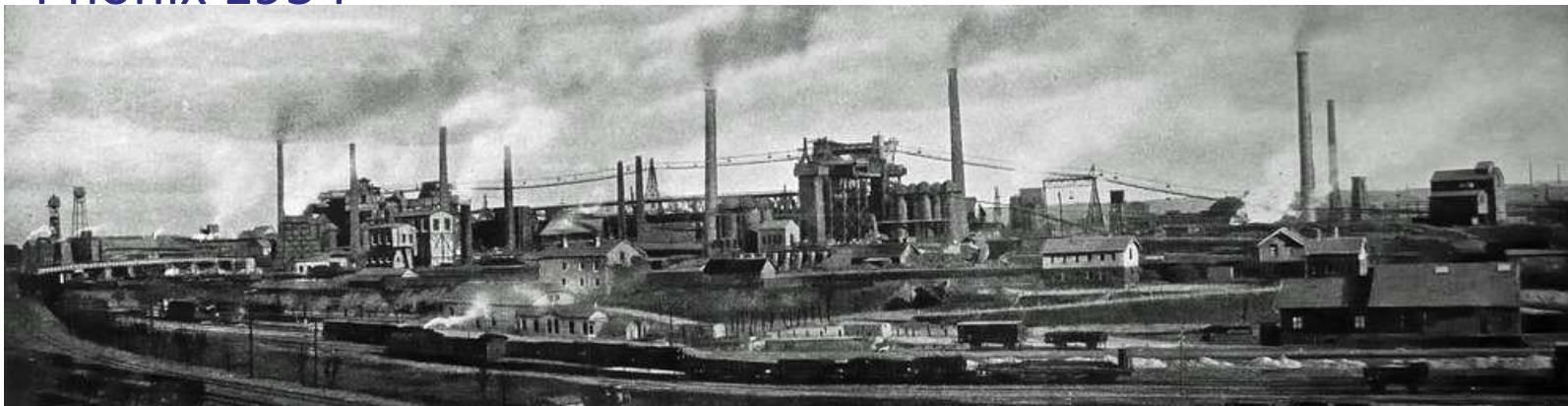


44 km² 136.000 inh.



Dortmund 2008

Phönix 1954



„River-Emscher-System“ 100 years of first-class - engineering and Impacts of climate change



1920



1995

2008 - 2014

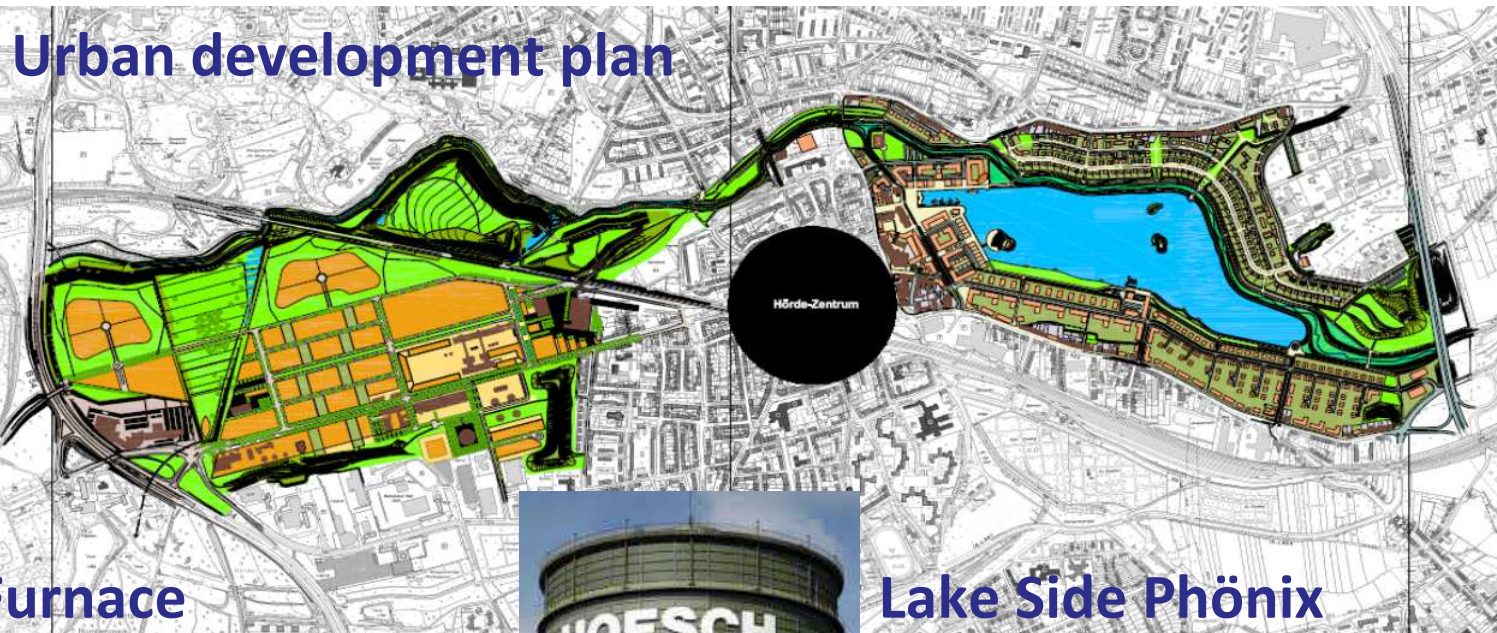


Main challenge



- structural change
- social problems
- climate change
- environmental issues
- industrial heritage

The idea: „Technology Park Phönix West and Lake Phönix



Gasometer



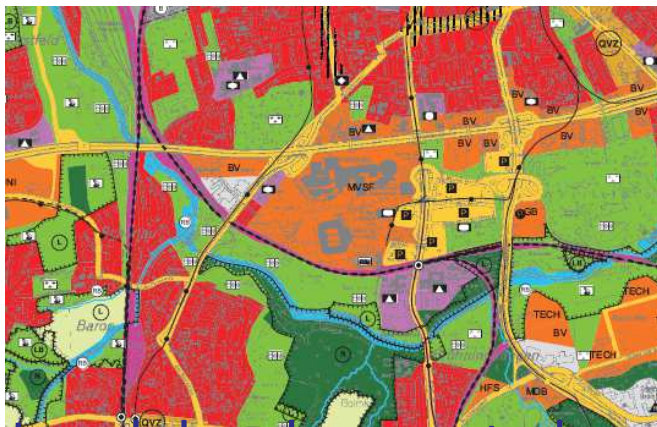
Institutional settings by legal processes



Citizens



Decision makers



Local development plan

Local council

Settlement policy

Urban planning

Landscape plan

Citizen participation

Energy concept

Planning Authority

Environment Agency

Management Company

NGO's

Investors

**Climate protection
team**

Practical Implementation



Facing future challenges by landscape architecture, urban design, nature reconstruction, adaption to climate change, new jobs, housing supply



Resilient Dortmund

Transfer to another place?



Necessary preconditions

Ideas(exchange); **doer** and **strategist**;
good **networking**; in **touch** with the
specific **local situation**, **legislation** and
planning **policies**; **creativity**, **courage**;
money; **act** with **foresight**; **streamlined**
organisation; **unconventional solutions**

First steps

local **council decision** for development
plan process; public participation;
management company subordinate to
municipality; regular **round table**
meetings for all **stakeholders**