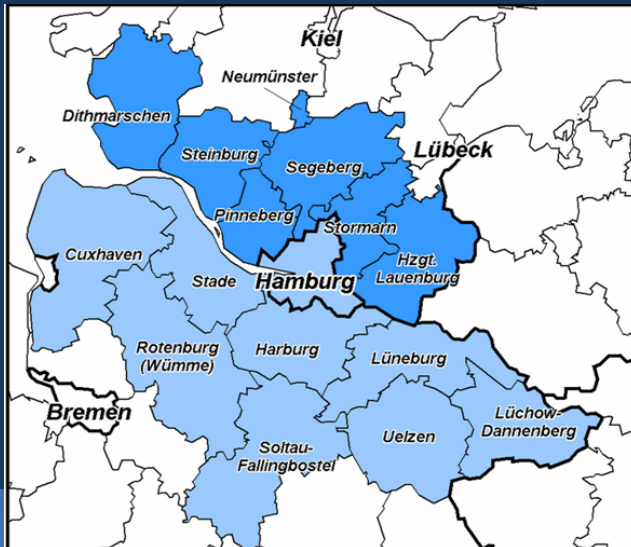




Free and Hanseatic City of Hamburg

1,7 Million inhabitants –
2nd largest city in Germany

Centre of Northern Germany –
4.3 Million people in the
Metropolitan Region of Hamburg



... more on www.wikipedia.org...



Thomas Jacob (52)
Urban Planner Education

Free and Hanseatic City of Hamburg
Senate Chancellery
European Policy – International Project Development

Urban Planner in several Cities (small, medium, bigger)
International Transport Affairs Hamburg
Hamburg European Policy
International Project Development since 2003

Thomas.jacob@sk.hamburg.de
0049 40 42831 2656



EUROPEAN GREEN CAPITAL 2011





Action Goals for Climate policy:

- **Energy supply**
- **Energy savings**
- **Renewable energy**
- **Energy efficiency increase**
- **Energy networks – Smart gride**
- Adaptation to climate change
- **Modernisation of buildings**
- **Industry and plant technology**
- Model function of Hamburg's administration
- **Mobility**
- Research for climate change
- Communication of climate change, and awareness Raising
- **National and international cooperation**
- Evaluation and monitoring

Since 2007: Hamburg Climate Action Plan

- Political Basis Paper
- Update on Regular Base
- Aims, Tools, Methods
- Guideline for all Administration Units
- Latest release 2013

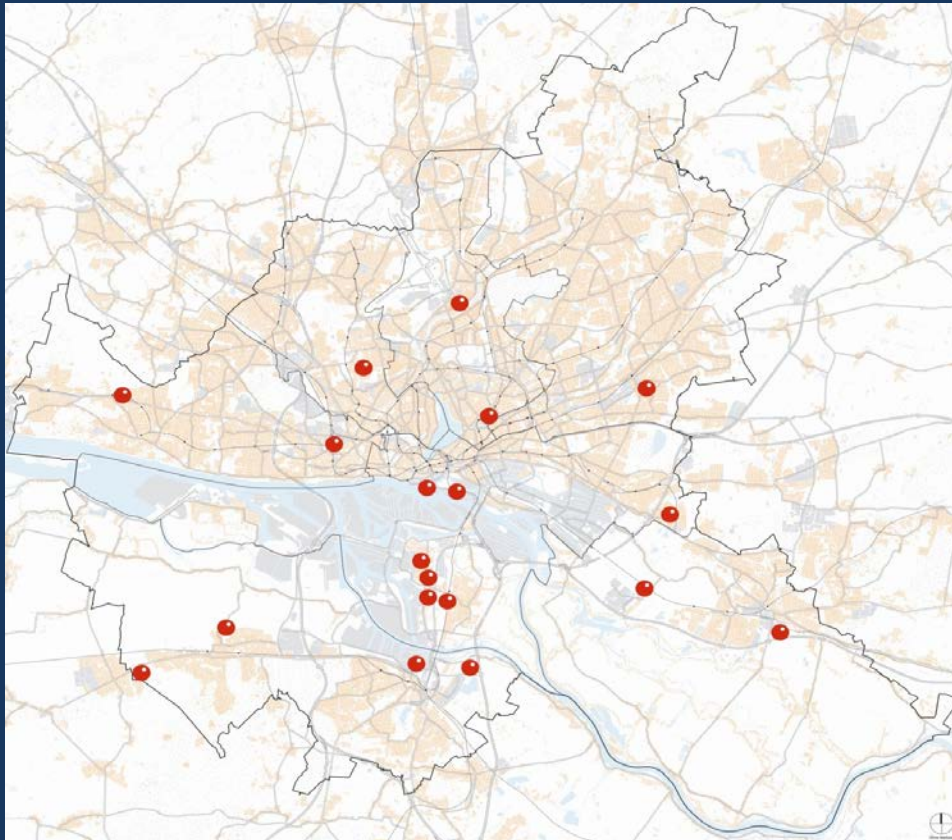


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Excellence Climate Neighbourhoods



19 Areas

- Model Character
- Different Type of Actions
- Dissemination into Districts
- Decentralized Approach
- Supplement to „Lighthouse-Approach“



HafenCity Hamburg



- Total Area: 157 Hectares (ha)
- Land Area: 126 ha
- Gross Floor Area (GFA): New Building
circa 2.32 Million sq. m
- 5,800 Homes and more than 45,000
Jobs
- Expansion of Hamburg City by 40 %



Smart Water Management „Jenfelder Au“



Location and geography

- Revitalization of former military barracks into a new residential area
- Total area: 45 acres, transformed from 100 acres
- Realization: 2011 – 2017
- Accommodation units: 770
- Residents: ca. 2.000
- Low energy and passive houses standard

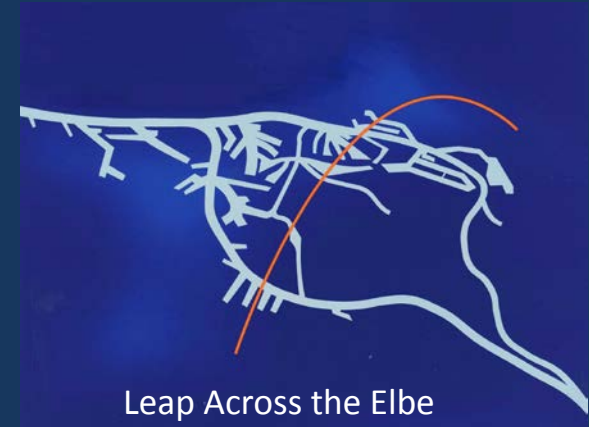


Smart Water Management „Jenfelder Au“





Hamburg Wilhelmsburg



**International Building
Exhibition 2013**

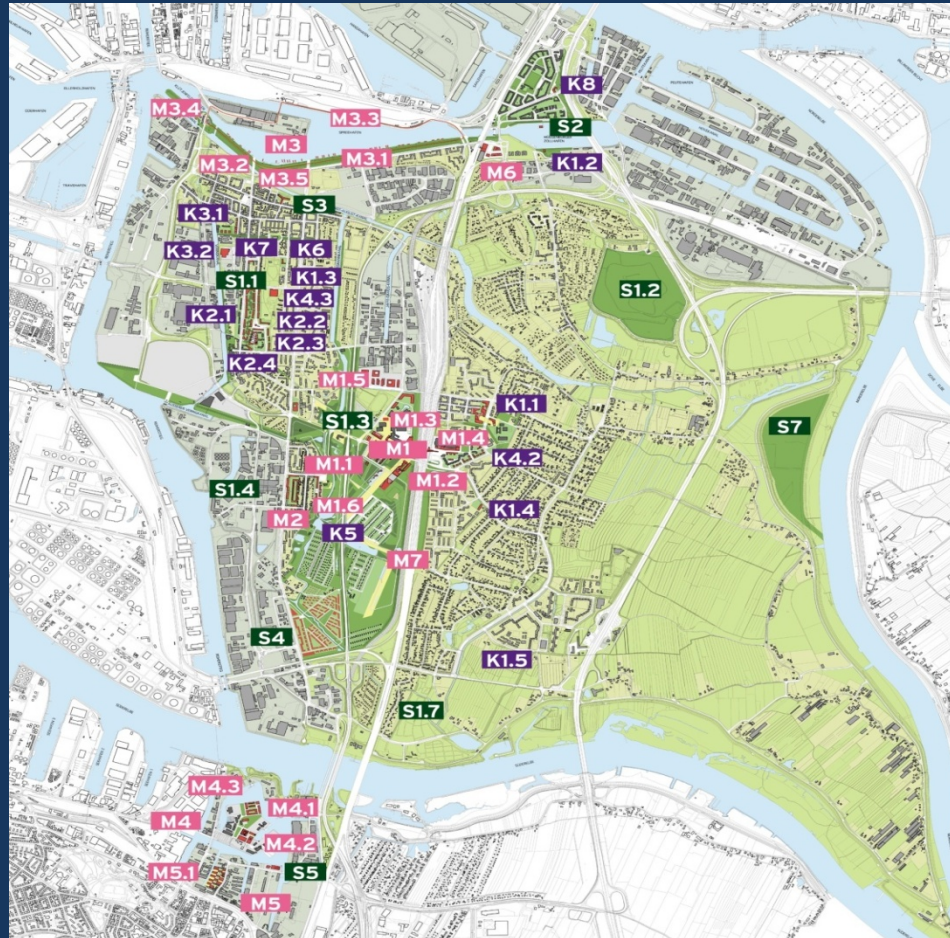


Leap across the Elbe

Based on Key
Topics:

Local Projects

Blueprint for
whole City



Leitthema 01

Stadt im Klimawandel

- S1.1 Energiebunker
- S1.2 Energieberg
- S1.3 Energieverbund Wilhelmsburg Mitte
- S1.4 Tiefengeothermie Wilhelmsburg
- S1.5 Urbanes Biogasprojekt (nicht verortet)
- S1.6 Prima Klima Anlage (nicht verortet)
- S1.6.1 IBA-Exzellenz-Sanierung (nicht verortet)
- S1.7 VELUX Modelhome 2020
- S2 IBA DOCK
- S3 Open House
- S4 Klimahäuser Haulander Weg
- S5 Hotel Veritaskal
- S6 EcoCity (nicht verortet)
- S7 Tideelbekonzept Pilotprojekt Kreettsand

Leitthema 02

Metrozonen - Stadt im Aufbruch

- M1 Wilhelmsburg Mitte
- M1.1 Bauausstellung in der Bauausstellung
- M1.2 igs-Hallenkomplex
- M1.3 Neubau der Behörde für Stadtentwicklung und Umwelt
- M1.4 S-Bahnhof Wilhelmsburg
- M1.5 Schiffbarmachung der Rathauswettern
- M1.6 Ausbau Kanustrecke und Wasserbecken
- M2 Georg-Wilhelm-Höfe
- M3 Öffnung des Spreehafens
- M3.1 Erschließung und Freiflächengestaltung
- M3.2 Fähranleger und Veringplatz am Ernst-August-Kanal
- M3.3 Rundweg Spreehafen
- M3.4 Spreehafen Landungsbrücken
- M3.5 Kanuterrassen
- M4 Harburger Schlossinsel
- M4.1 Park auf der Schlossinsel
- M4.2 Quartier am Park
- M4.3 Wohnen auf der Schlossinsel
- M5 Harburger Binnenhafen
- M5.1 Maritimes Wohnen am Kaufhauskanal
- M6 Quartier Veddel Süd
- M7 Verlegung Wilhelmsburger Reichsstraße

Leitthema 03

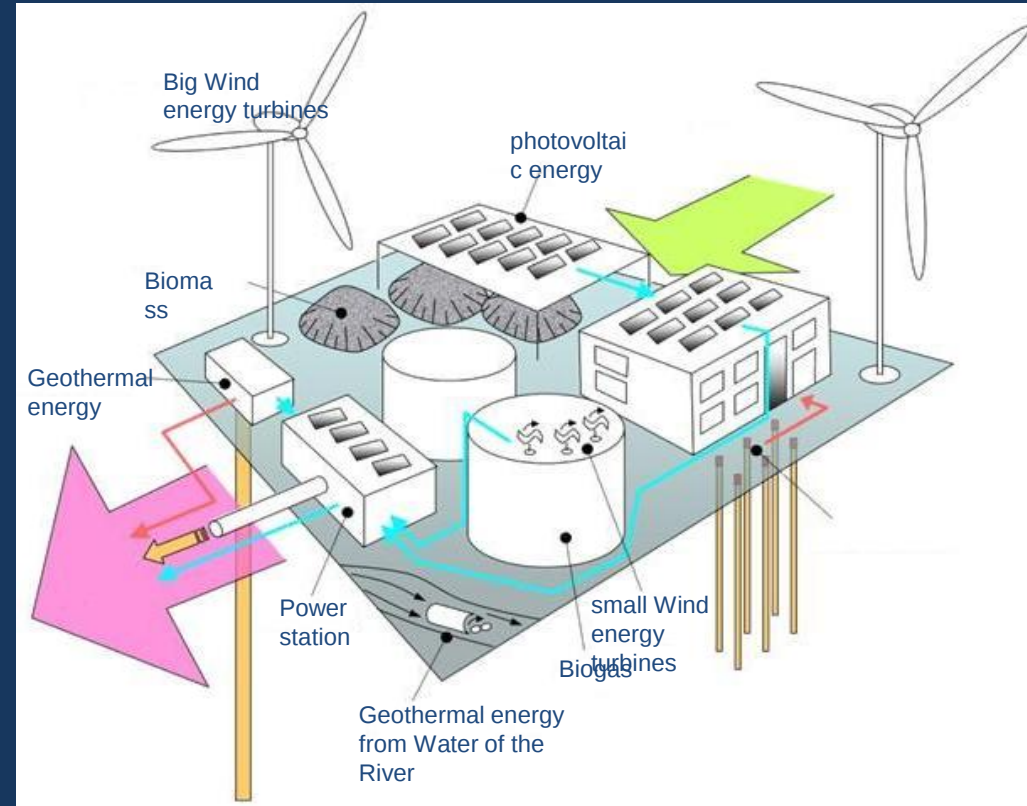
Kosmopolis - Stadt der Vielfalt

- K1.1 Tor zur Welt
- K1.2 Haus der Projekte
- K1.3 Sprach und Bewegungszentrum
- K1.4 Medienzentrum Kirchdorf
- K1.5 Produktionsorientierung / Schülerfirmen
- K2.1 Wohnungsbau Weltquartier
- K2.2 Weimarer Platz
- K2.3 Pavillon Weimarer Platz
- K2.4 Weltgewerbehof
- K3.1 Kreatives Zentrum Veringhöfe
- K3.2 Produktionsstätten Veringhöfe (Süd)
- K3.3 Kunst macht Arbeit (nicht verortet)
- K4.1 Freizeitrundkurs (nicht verortet)
- K4.2 Neugestaltung Berta-Kröger-Platz
- K4.3 Rotenhäuser Feld
- K5 Neue Hamburger Terrassen
- K6 Universität der Nachbarschaften
- K7 Veringeck
- K8 Haus der Begegnung Veddel

Hamburg Wilhelmsburg

Future concept “Renewable Wilhelmsburg”
Pathways to Climate Neutral
and Post-fossil Elbinsel

The Goal:
100 % renewable and in the district
produced energy for the Sectors
Housing and commerce/trade/service
providers



Key Topics

1. Cosmopolis

Making globalization productive, creating the international urban community, Fostering education, knowledge and culture

2. Metrozones

Urban Neighbourhoods, Redesigning inner peripheries, Promotion of Urban Compatibilities.

3. Cities and climate change

- Use local sources of energy.
- Build in climate-neutral manner.
- Rethink urban development by and with the water.



Wilhelmsburg Central Building Exhibition within the Building Exhibition



Malmö, 07./08.11.2013



Cities and climate change

- Use local sources of energy.
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- Rethink urban development by and with the water.

Means

- Linking Science, Economy & Administration
- Use and development of Blueprint Experience
- International Cooperation
- Aim: Smart City Hamburg



Thank you for your attention



Thomas Jacob

Thomas.jacob@sk.hamburg.de