



Urban Planning Study East-West-Axis, Cologne

MOBILITY OF THE FUTURE

Concept

Together with the City of Cologne, the Cologne Public Transport Authority (KVB) and VKT traffic planners, WES LandscapeArchitecture studied Cologne's urban spaces along the EAST-WEST axis in an exemplary traffic and open space analysis.

The goal was to strengthen local public transport for the future by reducing passenger car traffic on the basis of Cologne's Mobil 2025 plan.

A comprehensive, sustainable concept has been developed that abolishes the dividing effect of the east-west axis by redefining the north-south links, having examined both above- and below-ground integration of the urban rail network in the space of the city.

The concept integrates bus stops in historical squares and creates new opportunities for use of the urban space. City squares that are heavily fragmented by vehicular traffic in some places are to be reconstructed on the basis of their previous dimensions and spatial confines.

The project was complemented by a comprehensive public participation procedure in order to give the City Council of Cologne a recommendation about options for further planning.

Client

CITY OF COLOGNE, KVB KÖLNER VERKEHRS-BETRIEBE

Project period

2016 - 2018

Size

100.000 m²

Type

PUBLIC SPACES & SQUARES

Location

GERMANY

Realisation

WES LANDSCAPEARCHITECTURE

Partners

VKT VERKEHRSPLANUNG, FRANKFURT/MAIN

CONTACT

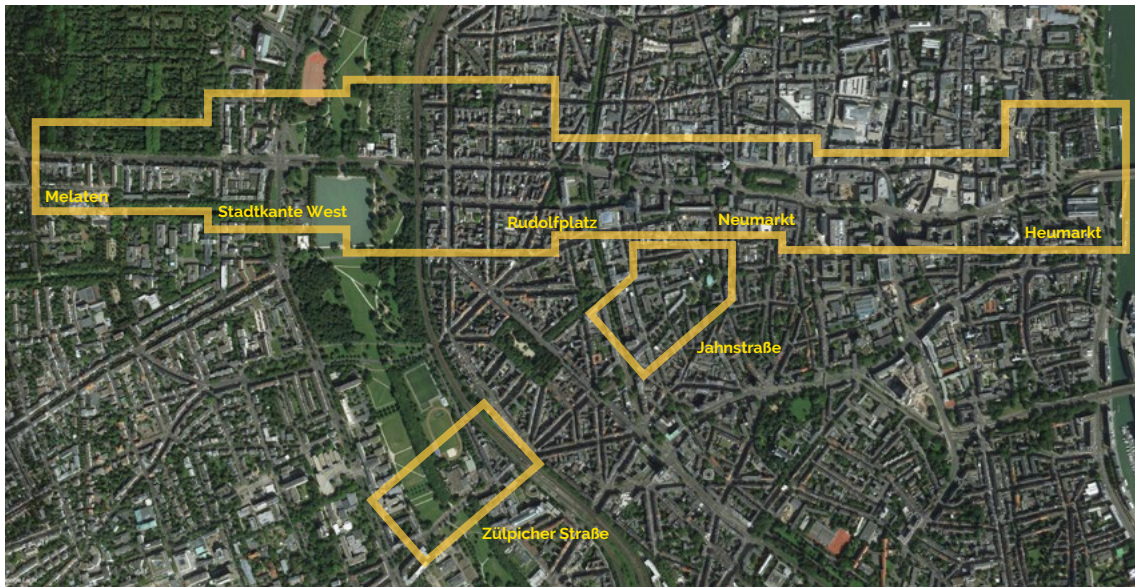
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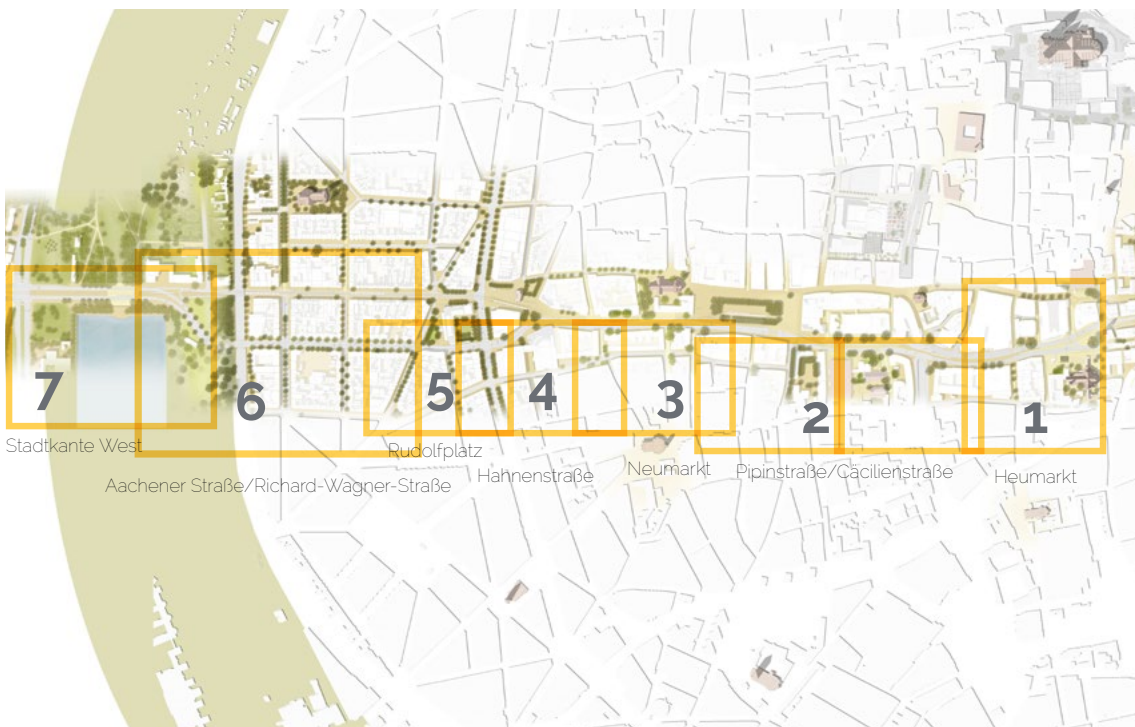
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Project images



Investigation areas



Light rail above ground, investigation sections

CONTACT

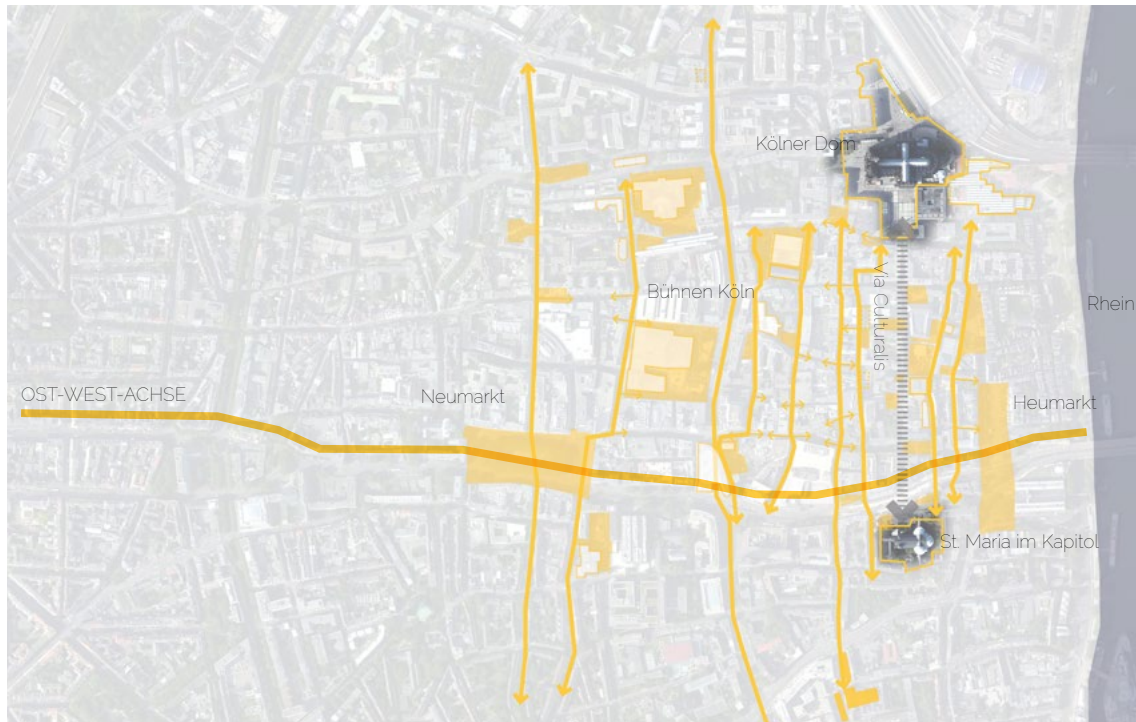
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City structure north-south connections



New planning Neumarkt with supplemented tree structure

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Light rail underground, short tunnel variant, investigation sections



Light rail underground, short tunnel variant, section 1: Heumarkt

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Light rail underground, short tunnel variant, Section 1: Heumarkt, Variant 1: Tunnel mouth as a pedestal



Light rail underground, short tunnel variant, Section 1: Heumarkt, Variant 1: Tunnel mouth as a pedestal

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Light rail underground, short tunnel variant, section 1: Heumarkt, variant 2: tunnel mouth as a sculpture



Light rail underground, short tunnel variant, section 1: Heumarkt, variant 2: tunnel mouth as a sculpture

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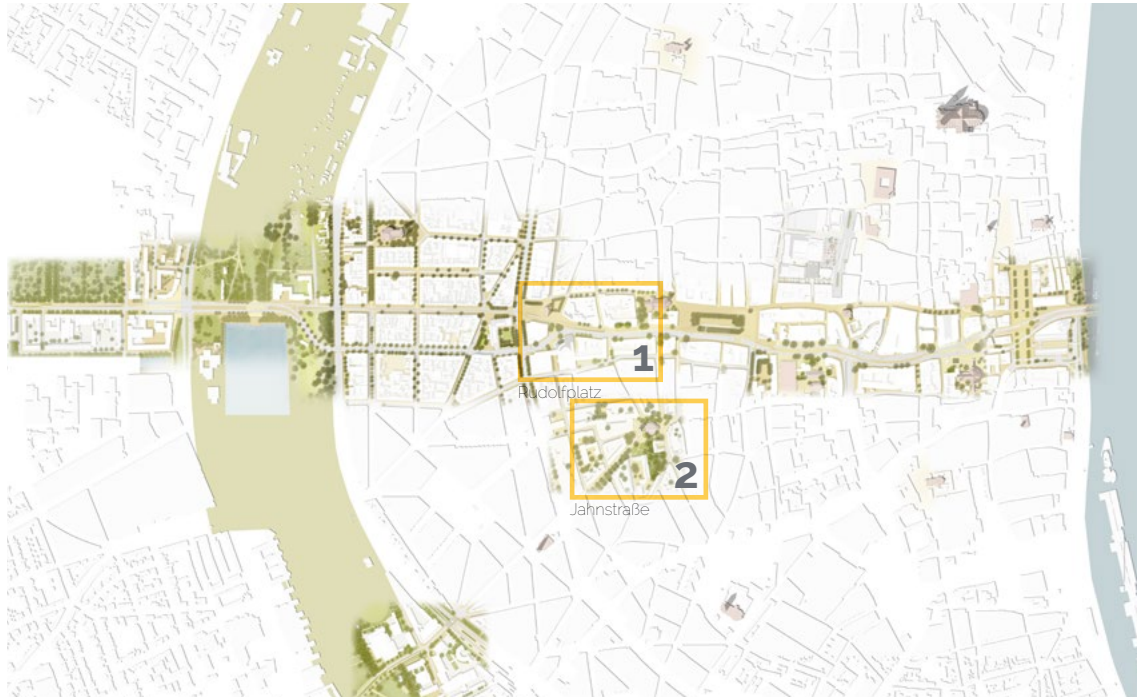
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Light rail underground, middle tunnel variant, investigation sections



Light rail underground, middle tunnel variant, section 1, tunnel mouth with view from Rudolfplatz into the Hahnenstraße

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Light rail underground, middle tunnel variant, section 2: Jahnstraße



Light rail underground, middle tunnel variant, section 2, tunnel mouth with view of the St. Mauritius church

CONTACT

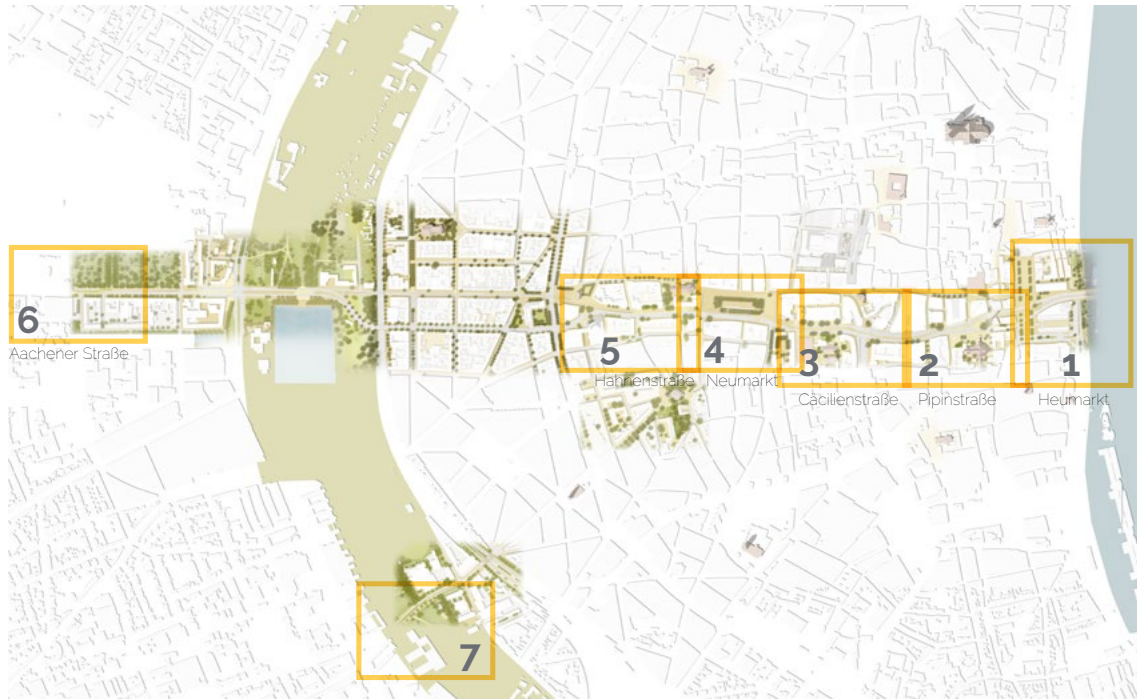
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Light rail underground, long tunnel variant, investigation sections



Light rail underground, long tunnel variant, section 7, mouth of the tunnel with a view of the Zülpicher Straße towards the southwest

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- (1) Chamber of Construction Law Hamburg
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- (2) Implementing regulations for Chamber of
Construction Law (DVO BauKaG HH)
- (3) Main statute of Hamburg Chamber of Architects

The professional regulations can be viewed and
accessed via the website of the Hamburg Chamber of
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The legal occupational title "Landschaftsarchitekt"
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