

The background image is a scenic view of Heidelberg, Germany, featuring the Old Bridge (Alte Brücke) spanning the Neckar River. In the background, the Heidelberg Castle hill is visible under a clear sky. The foreground is partially obscured by green foliage on the left and right sides.

Heidelberg



Connective Cities Kragujevac

Office of traffic management
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www.heidelberg.de

Agenda

1. Masterplan „Sustainable Mobility for the City“
2. Masterplan „100% climate protection“
3. Electromobility concept
4. „Environmentally friendly mobile“
5. Bicycle traffic in Heidelberg
6. Conversion area: The Patrick-Henry-Village

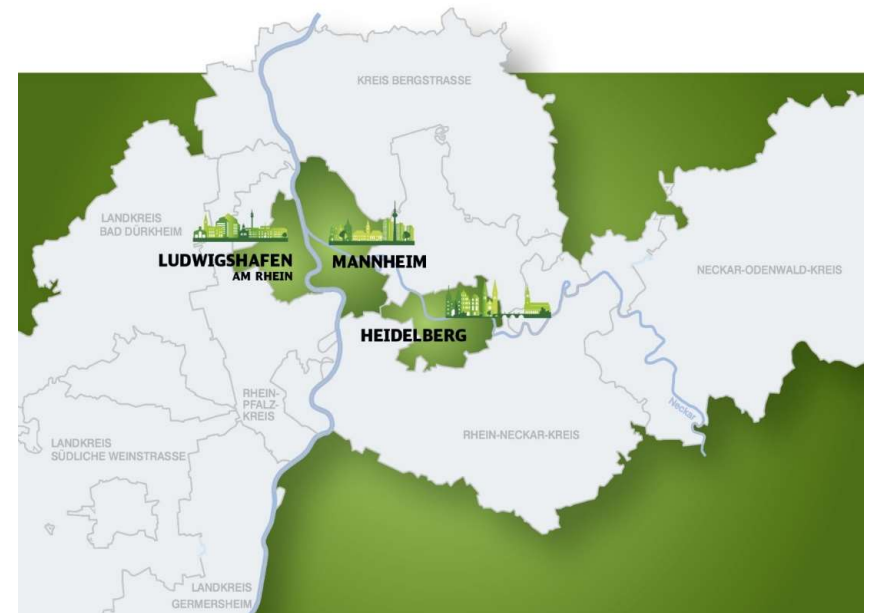
Master plan “Sustainable Mobility for the City “

August 2018: realization of the joint master plan
”Sustainable Mobility for the City“

- Primary objective: reduction of nitrogen oxides (NOx) in the cities

Five key-aspects:

- Digitalization of transport
- Intelligent cross-linking of the local public transport
- Promotion of cycling
- **Electrification of transport**
- Urban logistics



Region of the masterplan “Sustainable Mobility for the City”, City councils of Heidelberg, Ludwigshafen and Mannheim, 2018

Master plan "Sustainable Mobility for the City"

Green City Plan

Digitalization of transport

- Map of car- & bike sharing, real time departure times, live-traffic condition, charging stations, ...
- Car-park routing
- Intelligent, environmentally sensitive traffic control

Electrification of transport

- Transport fleet
- Vehicle fleet
- Private motor vehicles



Master plan "Sustainable Mobility for the City"

Green City Plan

Intelligent cross-linking of the local public transport

- Mobility stations
- Shortcut with public transport connections

Promoting of cycling

- Development of road network, especially quick connections for bicycles
- Pedelec and cargo bike rental outlet Nextbike

Intelligent Urban logistics

- Alternative delivery concepts for inner-city goods traffic



Master plan "Sustainable Mobility for the City"

Electrification of transport

- Electrification of urban transportation fleet, in cooperation with local transportation companies
- Purchase of 3 Electric Busses
- Purchase of 3 fuel cell electric vehicles (FCEV) for the city council fleet
- 22 more electric vehicles are confirmed to be funded by the BMVI



FCEVs 13.12.2018 at the „old bridge“ in Heidelberg

Master plan "Sustainable Mobility for the City"

Electrification of transport

- Application for a funding of a hydrogen filling station, inauguration by the middle of the year 2019
- Expansion of EV charging infrastructure in cooperation with public utility company and private companies preferably in semi-public areas
- Development of a concept for E-Mobility in the city of Heidelberg



Shared charging point in public area: carsharing company (right) and publicly accessible (left), City of Heidelberg, 25.09.2018

Masterplan “100% climate protection”

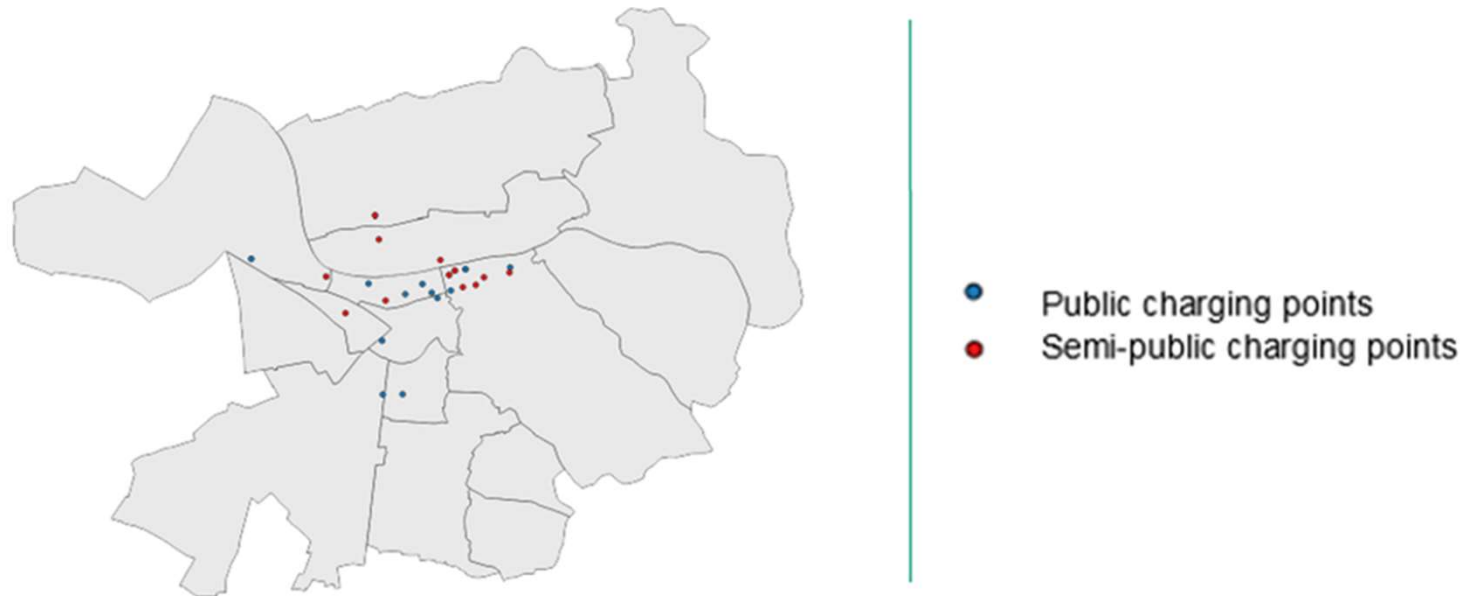
Goal: Local policies to reduce CO2 emissions by 95% and reduce final energy demand by 50% by 2050

- Further optimize investment and planning practices
- Promote pedestrian and bicycle traffic
- Ensure and extend quality in public transport
- Manage mobility across the board
- Reduce car traffic in the long term
- Politically active
- Expand gentle tourism

Electromobility concept

Charging infrastructure in the city districts

- Currently licensed electric cars in Heidelberg: 193 (continually growing)
- The goal is to reach 150 publicly accessible charging points until the end of 2020
- Currently 23 public and 36 semi-public charging points (59 in total)



Electromobility concept recommendations derived from the project results

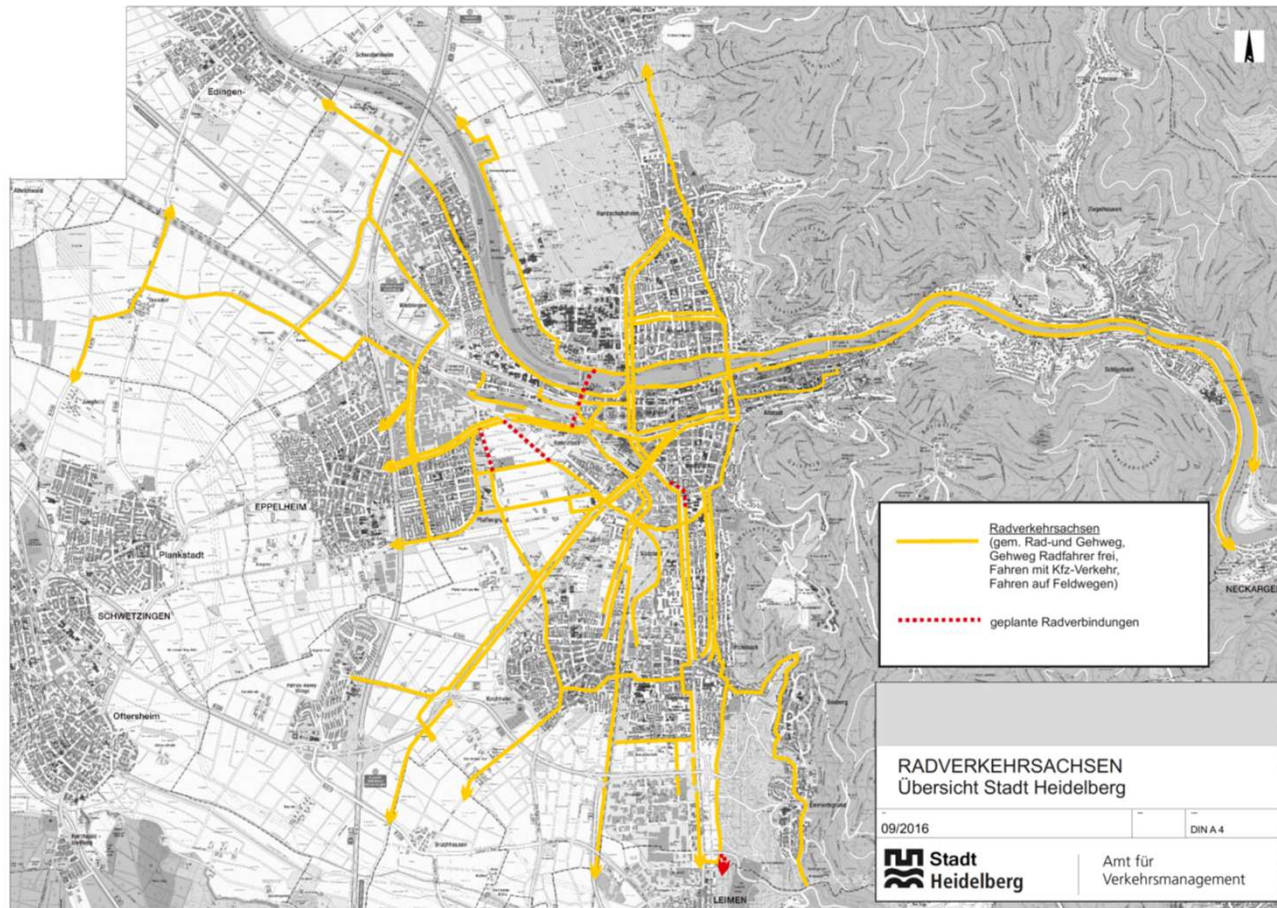
- Great consultancy demand
 - Application for funding
 - Installation
 - Operation and billing
- An own parking space constitution could foster the expansion on charging infrastructure and alternative mobility concepts



“Environmentally friendly mobile“

- Funding program for alternative vehicles and EV charging infrastructure Funded by the city of Heidelberg
- possibilities to combine the city funding with nationwide and statewide programs
- **Who can benefit?**
 - Natural persons & legal persons
- **What can be funded?**
 - Deregistration of a vehicle in combination with the purchase of an annual ticket for public transport or the purchase of a cargo-bicycle
 - Purchase of an e-cargo-bicycle, cargo-bicycle and bicycle-trailers
 - Purchase of hybrid, natural gas, fuel cell, electric vehicle
 - Establishment of EV charging infrastructure with minimum 1 charging point that is accessible to the public

Bicycle traffic axes in Heidelberg









Bicycle fastlanes

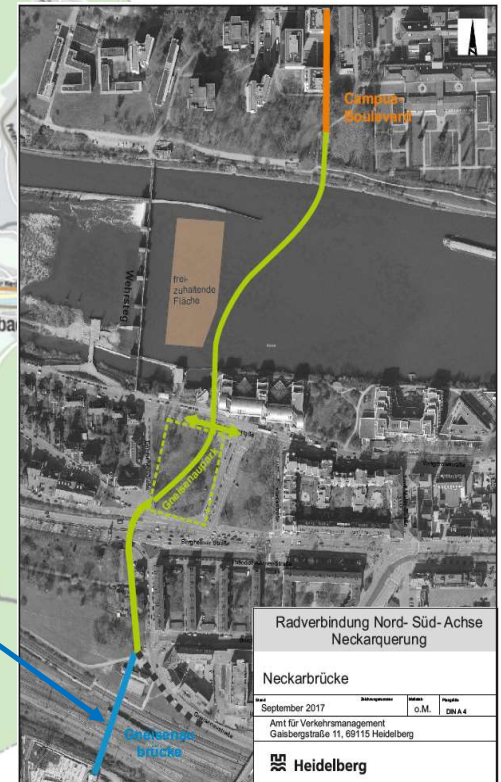
Radschnellweg Richtung Mannheim

Neckarbrücke (Rad- und Fußgängerbrücke)

Gneisenaubücke

Radschnellweg Richtung Schwetzingen

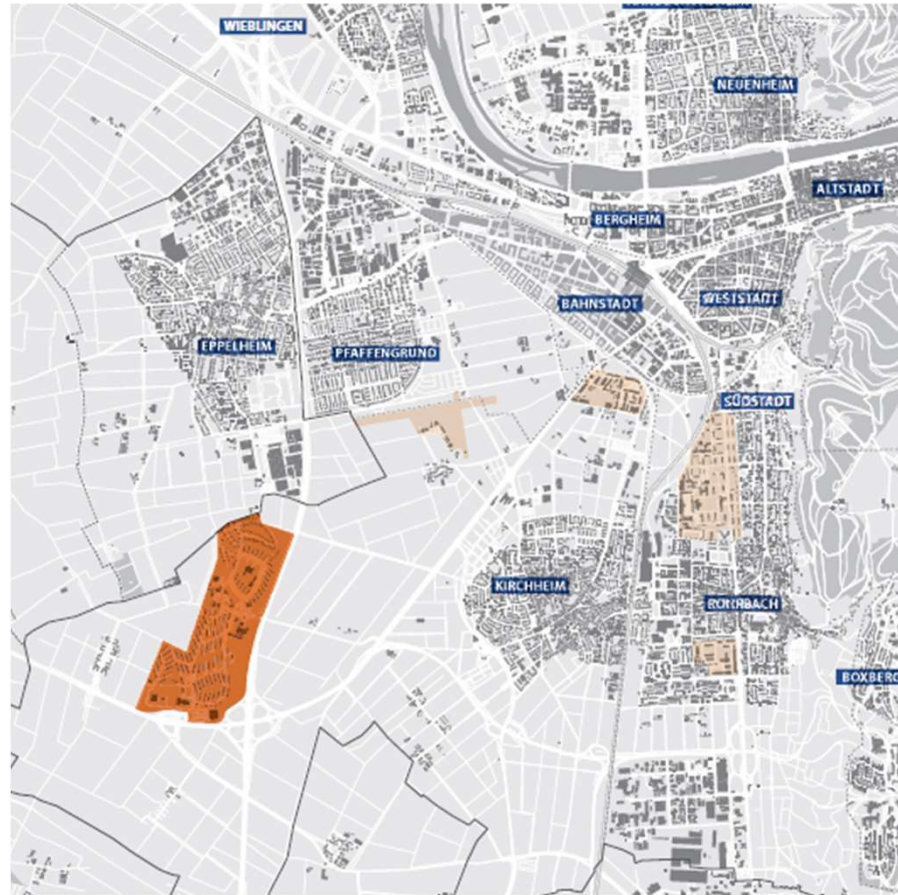
-  Hauptradverkehrsnetz (mit Wegweisern ausgewiesen)
-  Geplante Radverbindungen
- Fahrradstraßen**
-  Bereits bestehende Fahrradstraßen
-  Zeitnahe Umsetzung
-  Mittelfristige Realisierung (Prüfung offen)
-  Perspektivische Umsetzung / keine Umsetzung



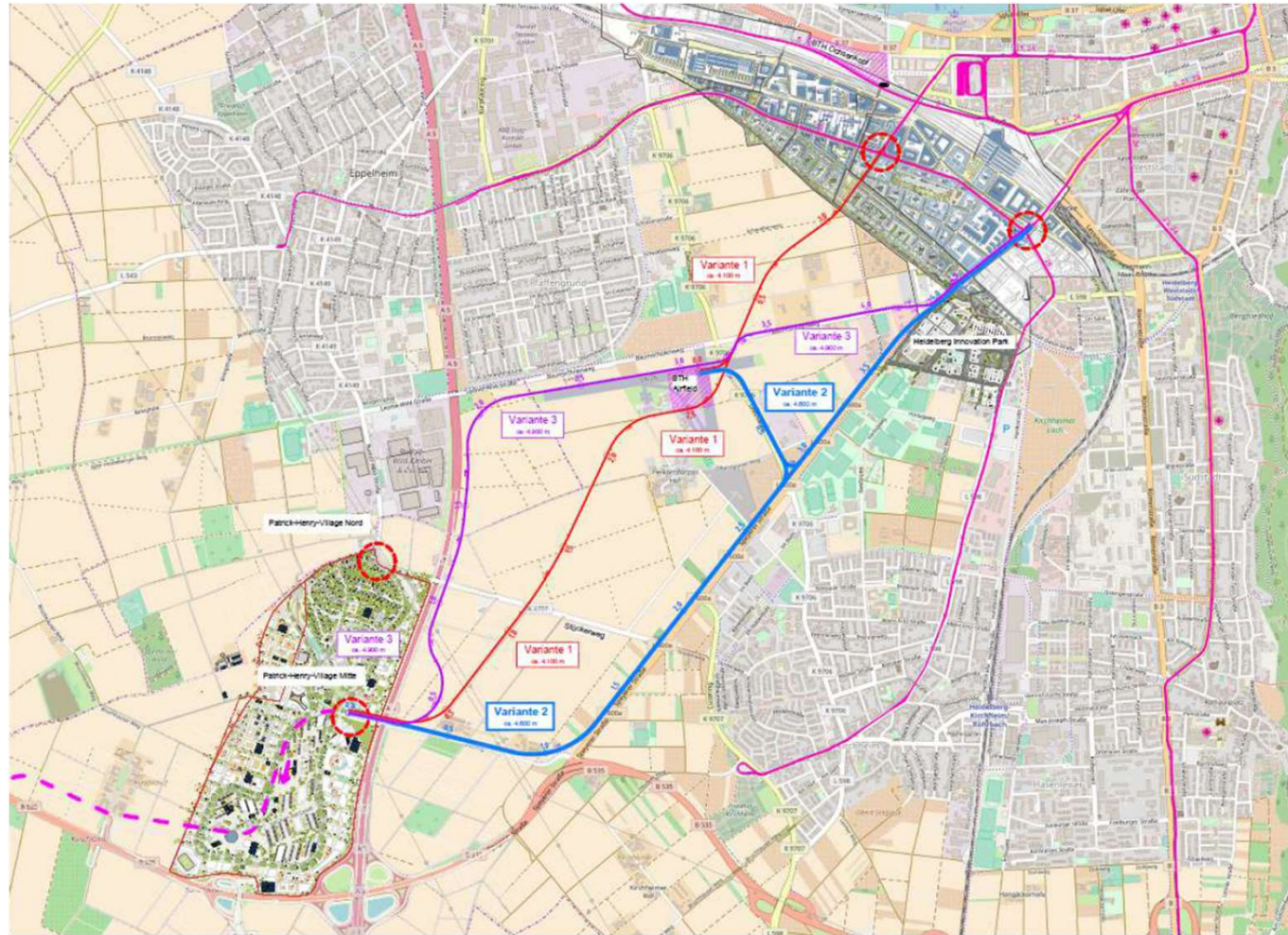
Conversion areas of Heidelberg:

The Patrick-Henry-Village

- Patrick-Henry-Village
- Other Conversion areas
- Forest
- Cityborder
- Districtborder



Potential connection to public transport



Thank you!

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