

# Construction of an Innercity Greenway with Multiple Functions



# Dates and Facts

- Capital city of German state of Saxonia
- Located on the river Elbe
- 560 000 inhabitants
- 329 km<sup>2</sup> city area
- 62% green areas and forests
- One of the most visited cities in Germany with 4.7 million overnight stays per year (before Corona)

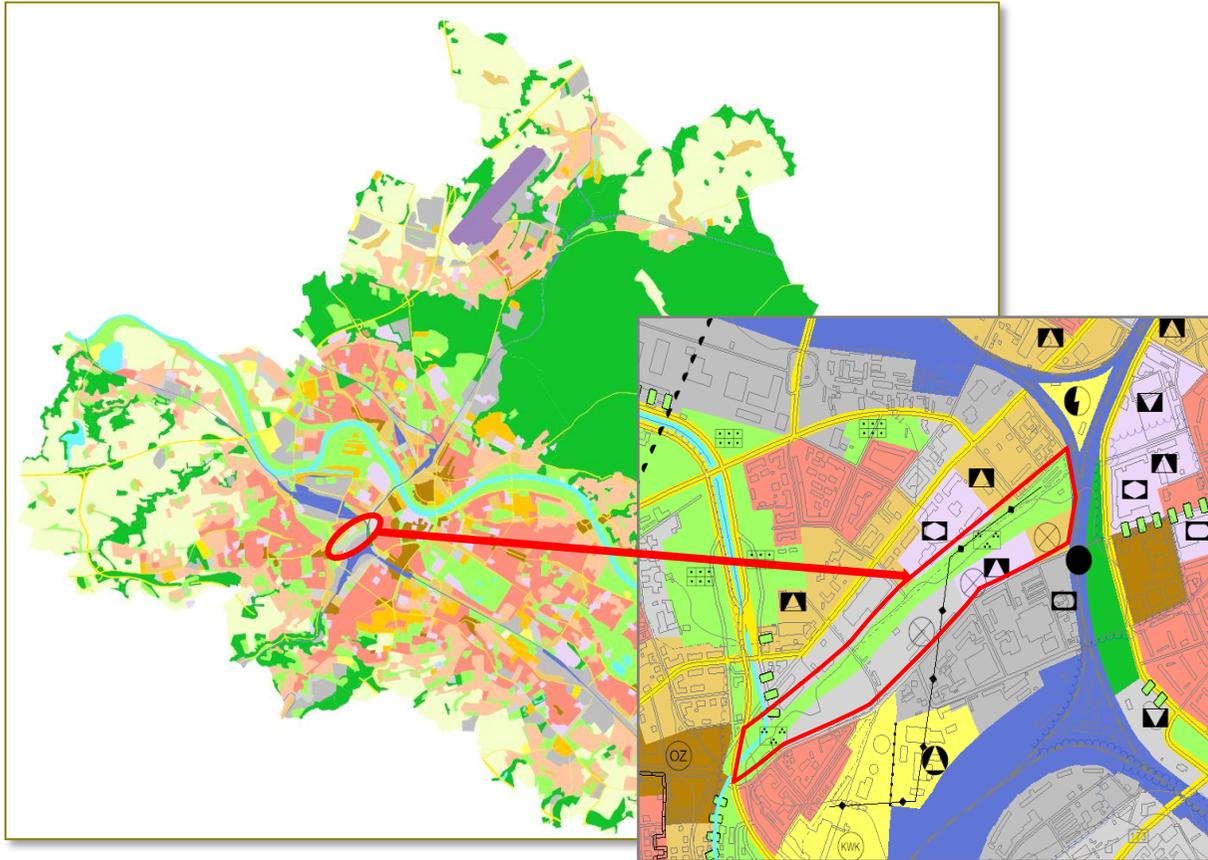


# Characteristics of the Focus Area



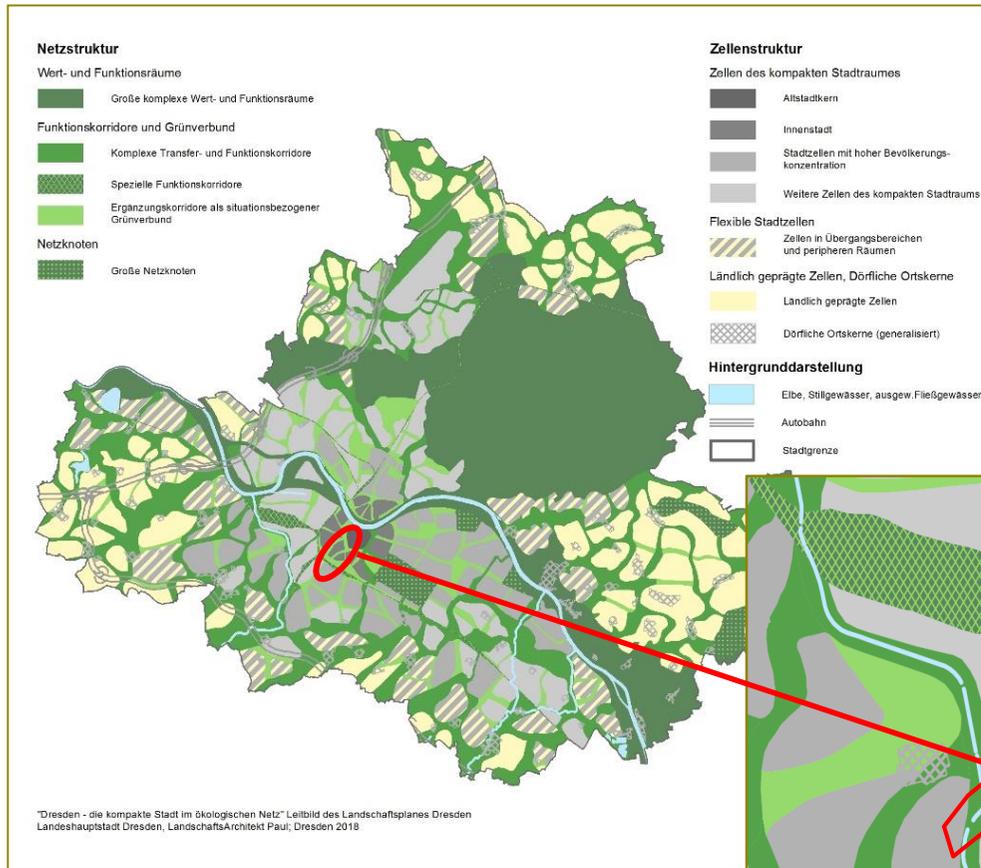
- impaired by structural change
- Share of brownfields > 20%
- near the city center but bad image

# Incorporation of the Aims into the Land Use Plan



Weißeritz Green Belt:  
Representation as a green area with the purpose park next to mixed building area, common use area and commercial building area with low degree of disturbance

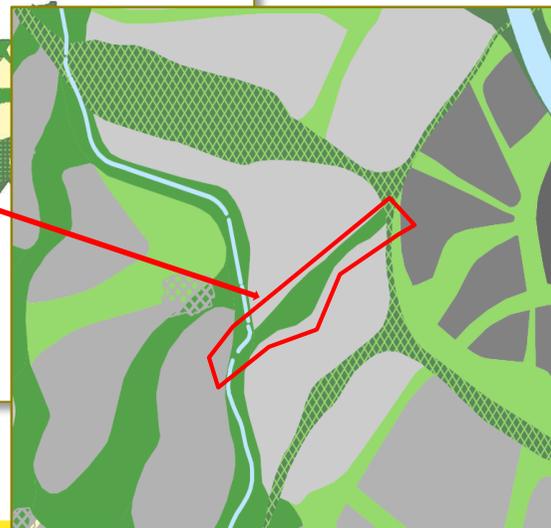
# Strategic Model of the Landscape plan



■ Dresden – a compact city in the ecological network

■ Basis for the preparation of the development and action concept

➤ Example Weißeritz Green Belt: Representation of a belt to improve the overall environmental quality

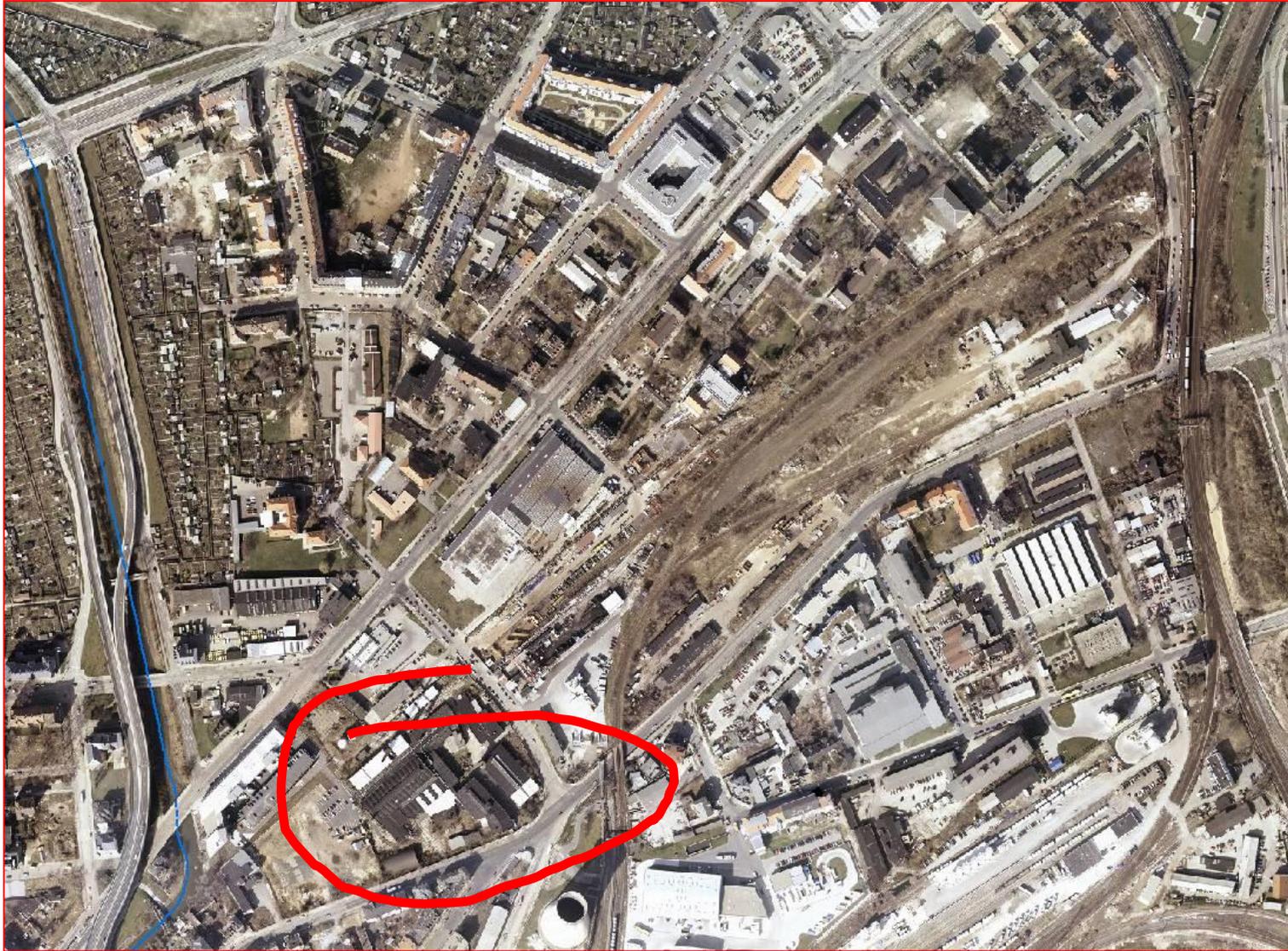


# Participation Process from 2002 until Today

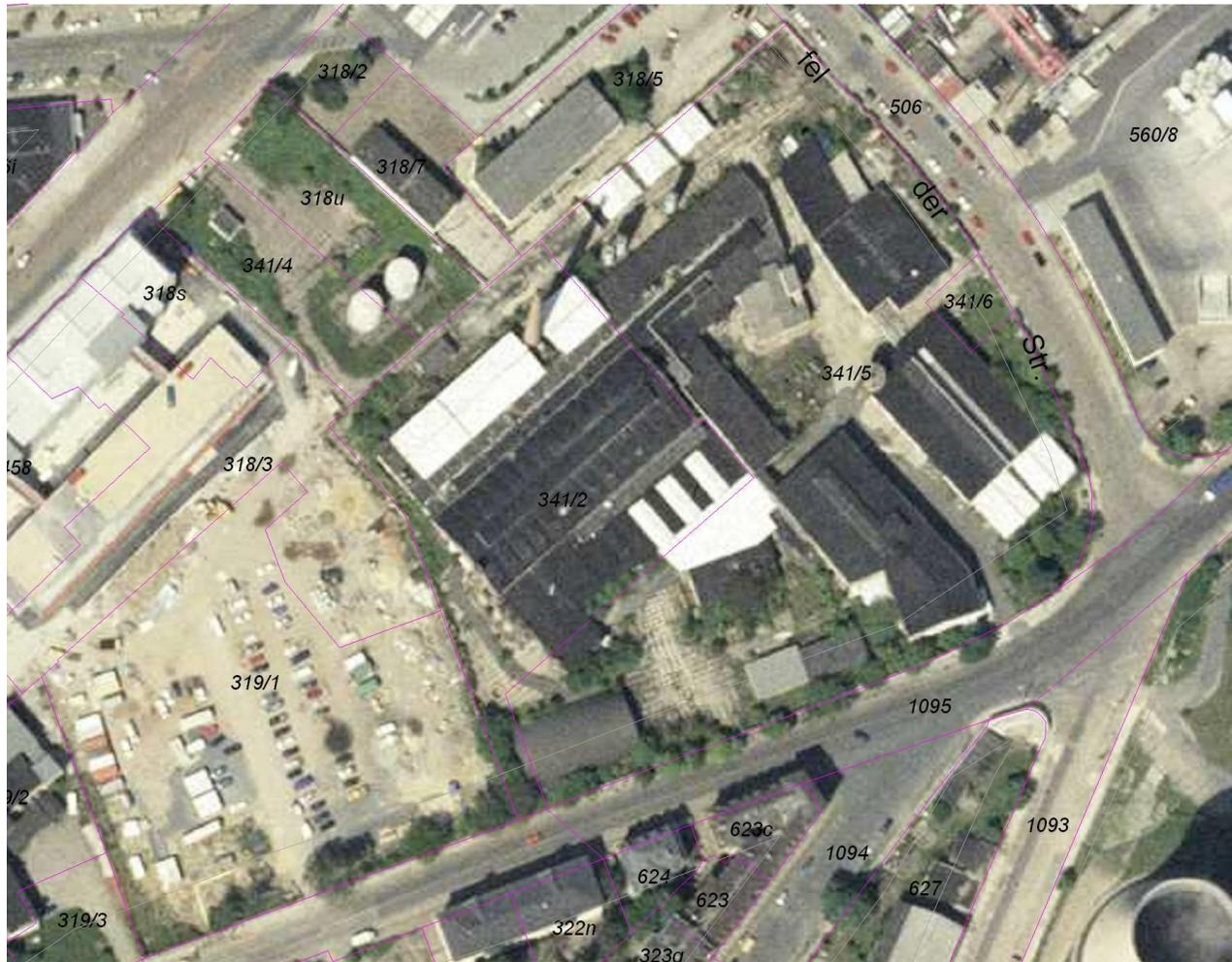


- Participation in all planning phases
- we achieved a high level of acceptance
- Funding had to be acquired (European Union, Federal State)

# Glass Factory from 1870



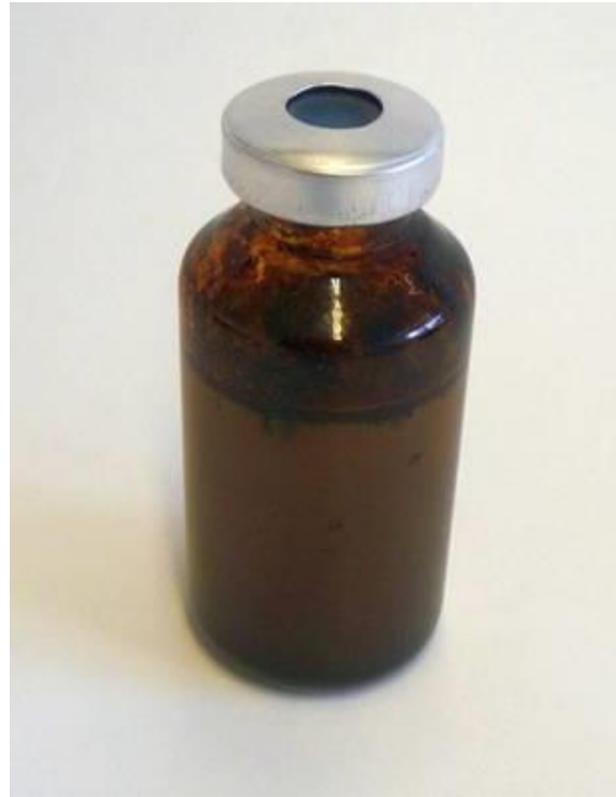
# Glass Factory more in Detail



# Glass Factory



# Water? Water!



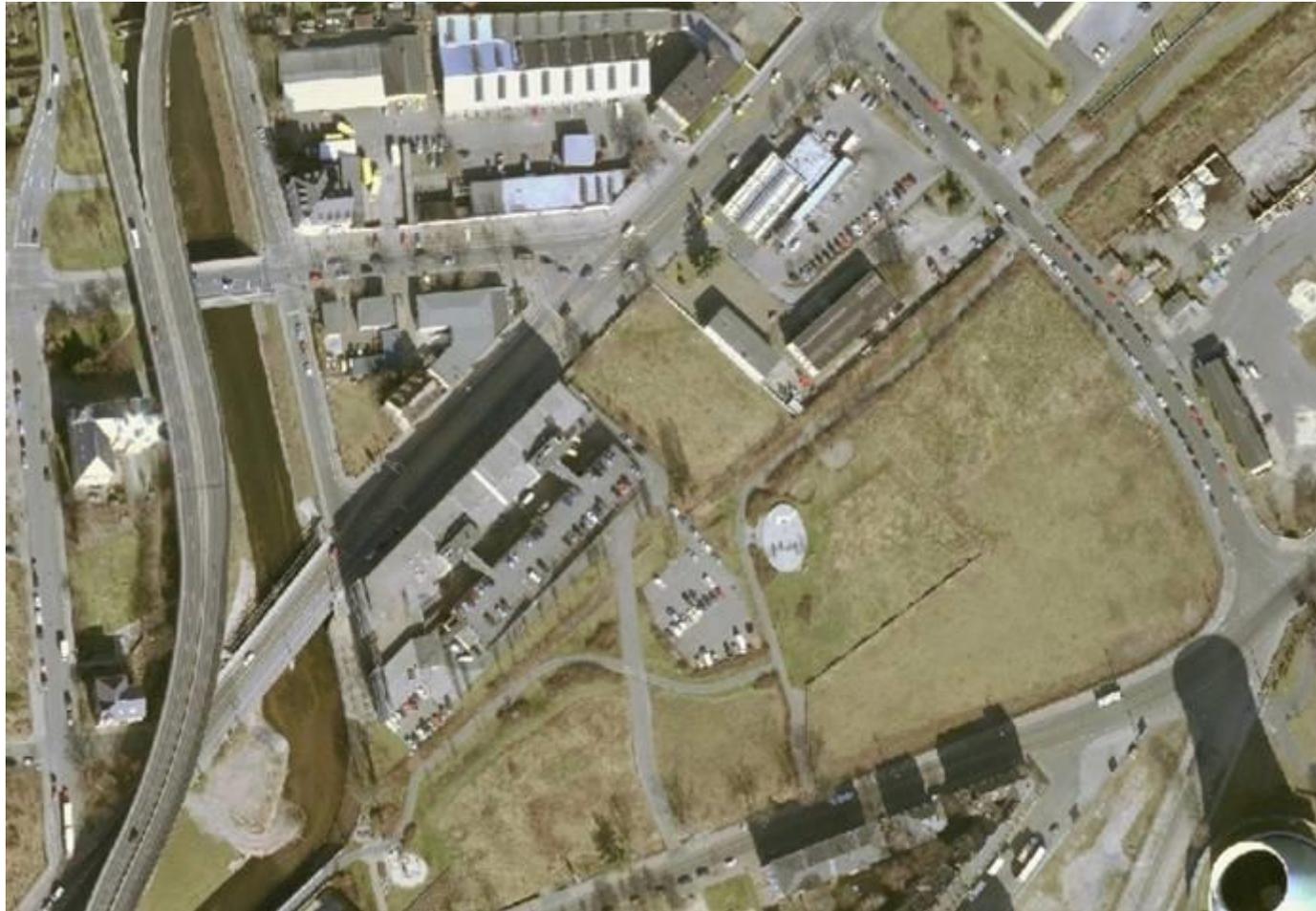
# Tar



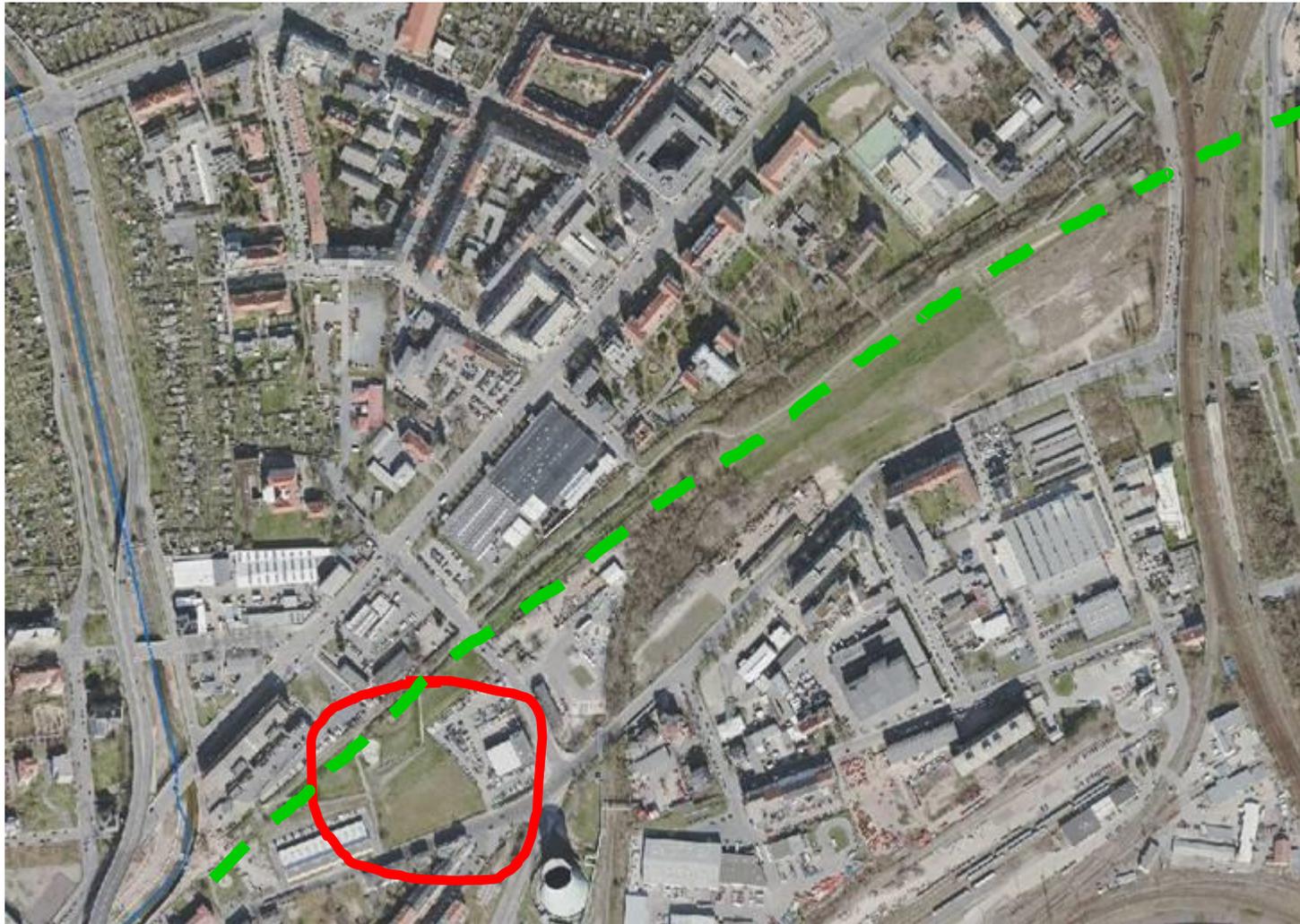
# Measures

- Demolition of the 65 meter high industrial chimney
- Disposal of Vanadium (V) oxide
- Gutting, demolition, recycling of buildings
- Demolition, recycling of open and filled cellars
- Dismantling and securing the underground supply
- Complete disposal of contaminated replenishment and soil
- Construction of groundwater measuring points

# Area of the former factory



# The completed Greenway



- Urban Climate
- Recreation
- Bicycle path
- Biodiversity
- Playground
- Business Address

# A successful development



Part of the new bicycle path

# Results

- Improved urban pattern for redevelopment
- Soil and groundwater quality
- Reduced Urban Heat Island and (natural) water retention
- Improved biodiversity
- Recreation, Playground and bicycle path
- Now reputable business address



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