

Transport and Urban Structure in Berlin

Backgrounds, Developments and
Strategies for a Liveable City

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The „Public-Transport-City“



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In 1924 Potsdamer Platz is the busiest square in Europe.

History of Berlin's Public Transport System

- 1846 Horse-drawn Busses
- 1865 Horse-drawn Tramway
- 1871 S-Bahn Circle Line
- 1881 Electric Tramway
- 1882 S-Bahn City Line
- 1886 Suburban Railway
- 1902 Underground
- 1905 Auto busses

The „Car-Friendly-City“

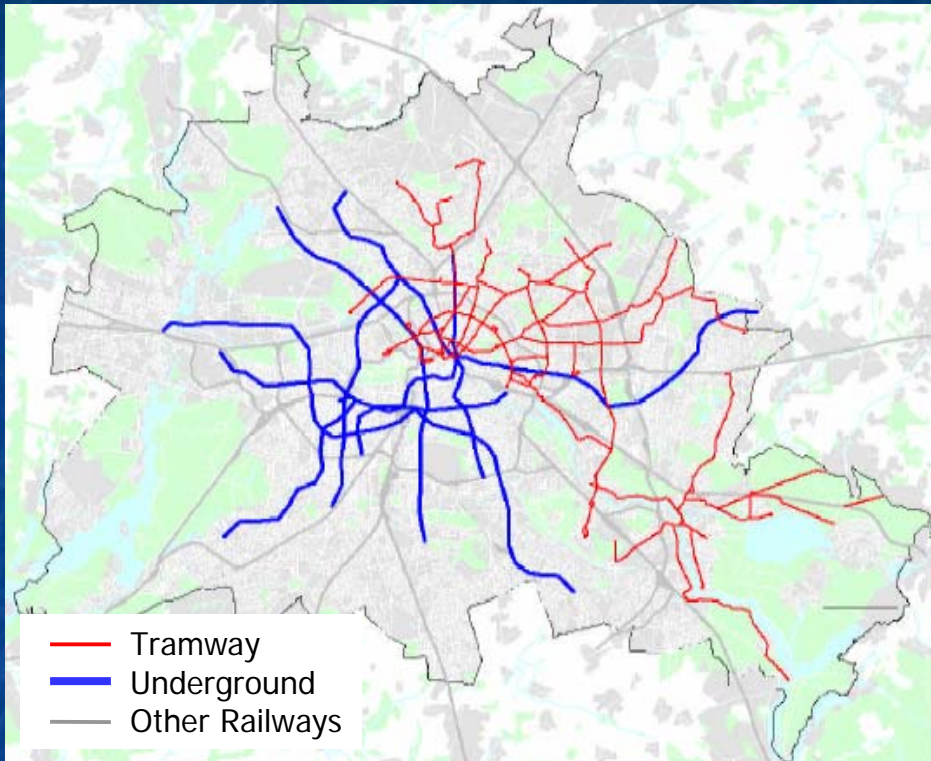
Guiding Principles of Urban and Transport Planning in the 1960s – 1970s

- Spatial Separation of Urban Functions
- Separation of transport modes according to their speed
- Urban Planning: The „structured and aerated city“
- Strengthening the Role of the Car – clearing the line, i.e. the city, for the car



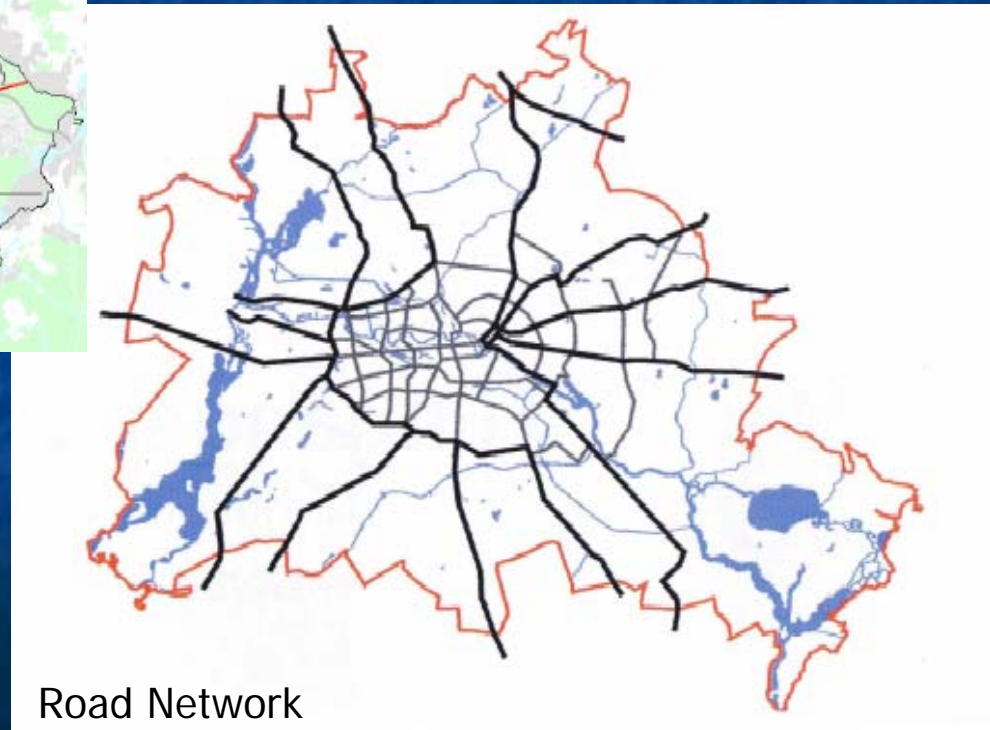
Metropolitan Highway in Berlin-Steglitz

Re-Unification of Transport Systems



Railway Network

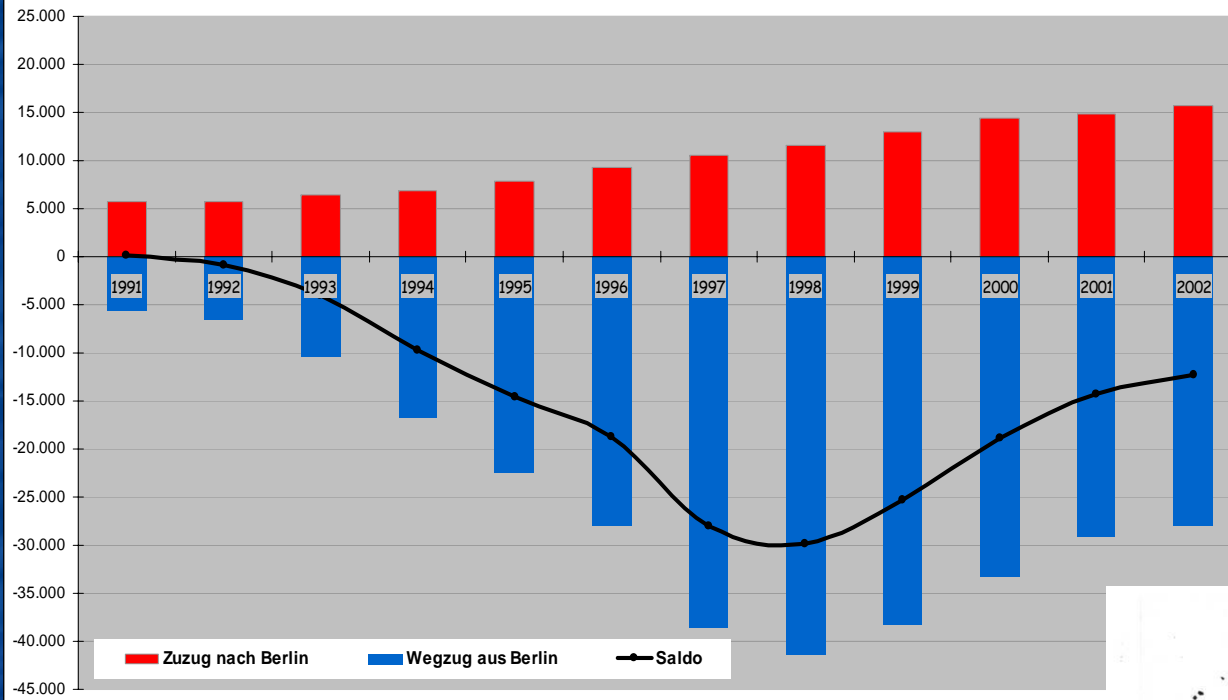
30 years of separation consequently led to different transport networks in East and West Berlin



Road Network

Migration and Urban Sprawl

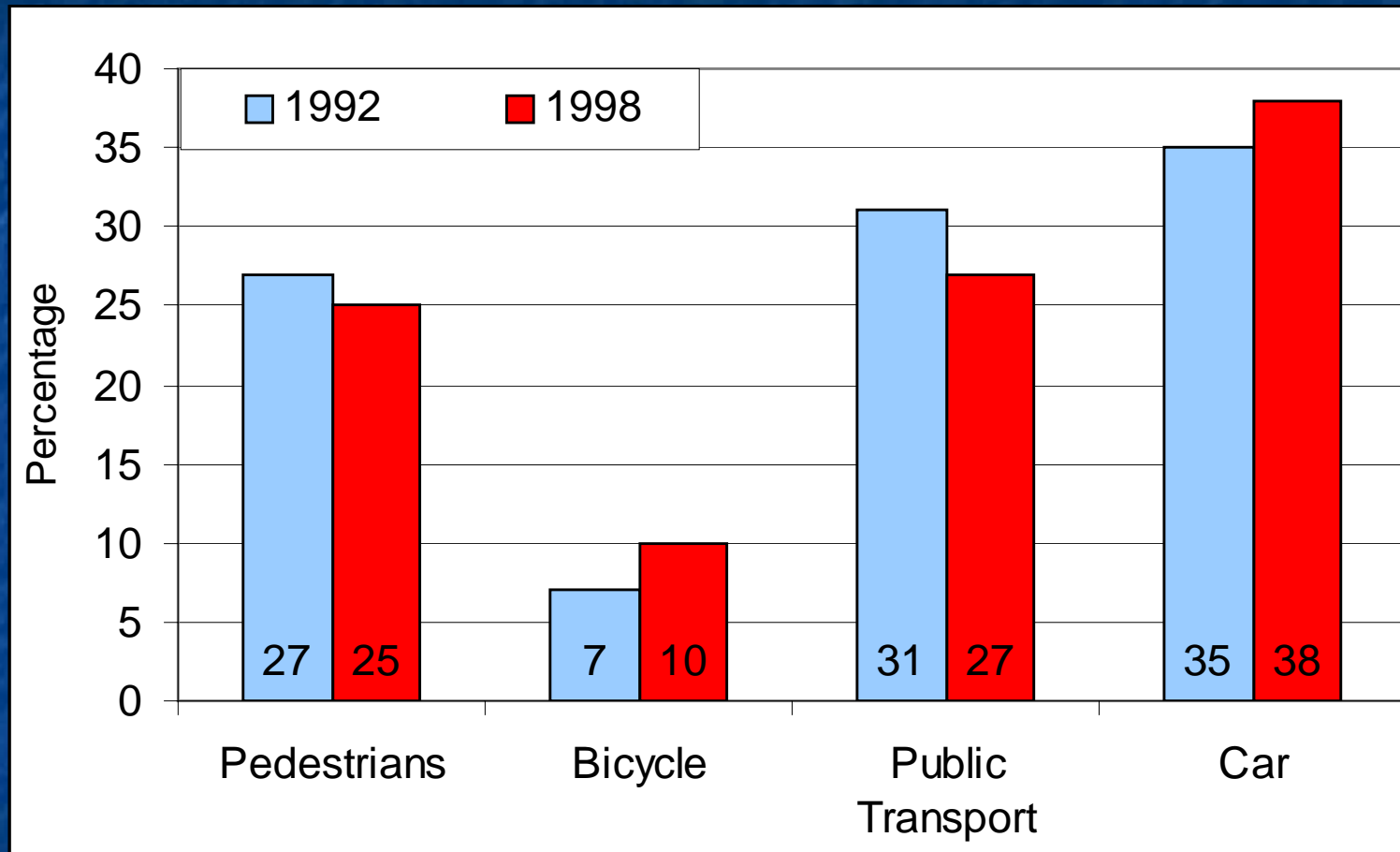
Migration-flows between Berlin and neighbour-communities since 1991



Migration out of town leads to more urban sprawl



Change of Modal Split



Modal Split 1992 and 1998

Emissions

Particulate Matter Emissions

Average Annual Mean 2002

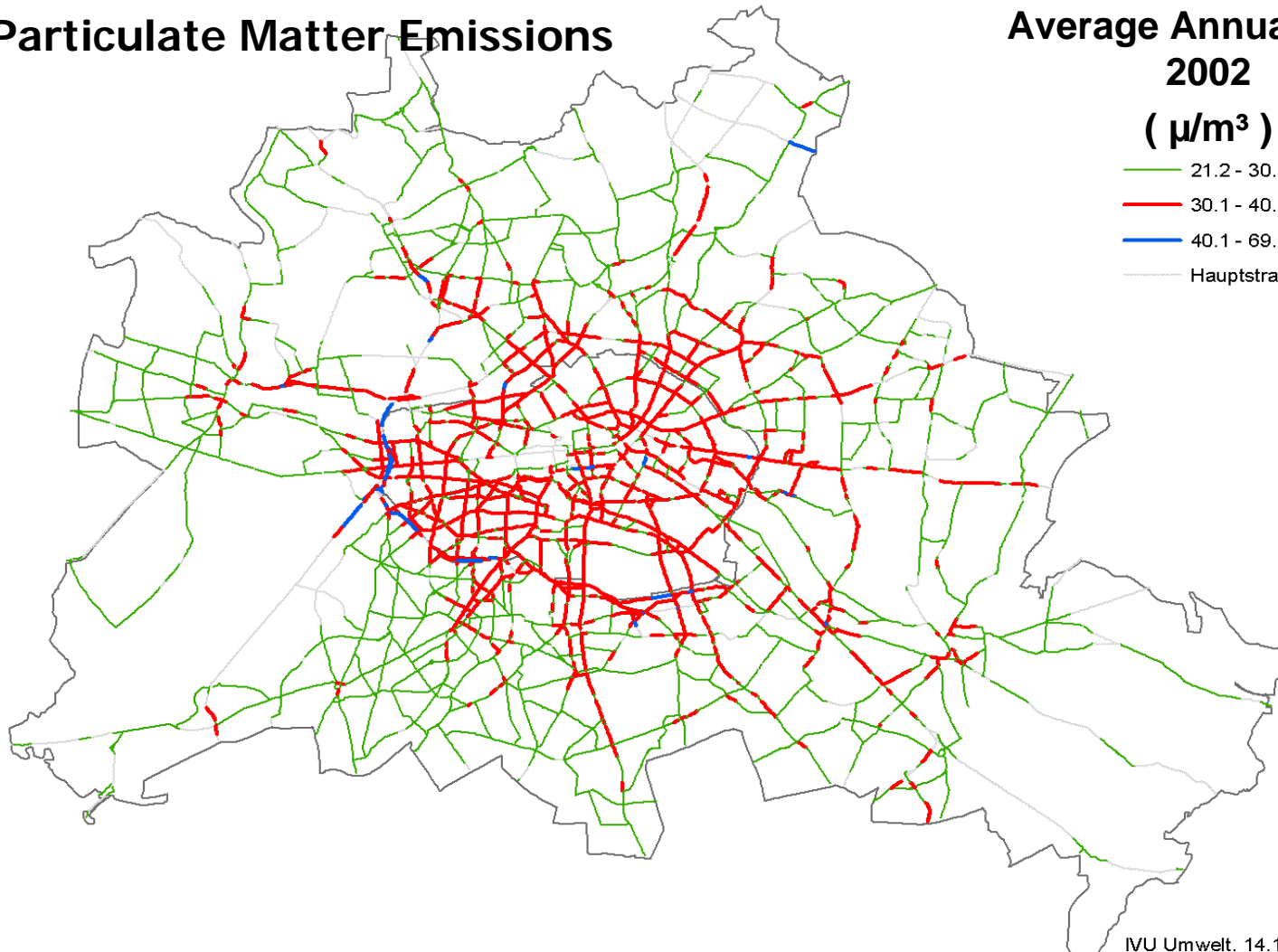
(μm^3)

— 21.2 - 30.0

— 30.1 - 40.0

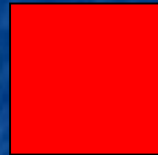
— 40.1 - 69.1

— Hauptstraßennetz 2002

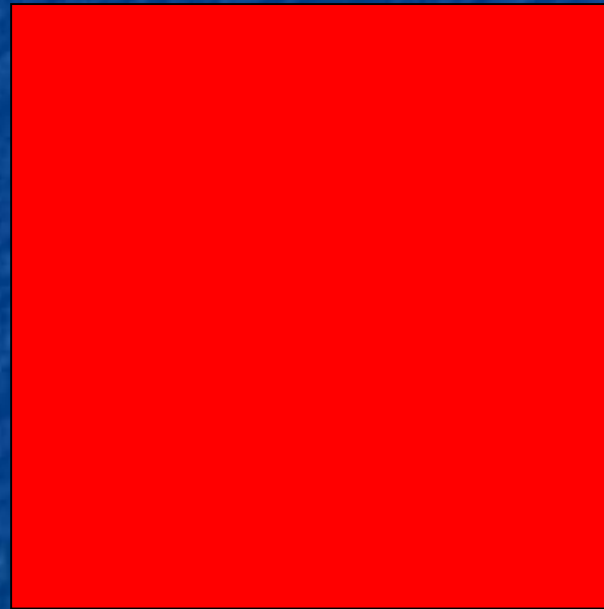


IVU Umwelt. 14.12.2004

Public Urban Space

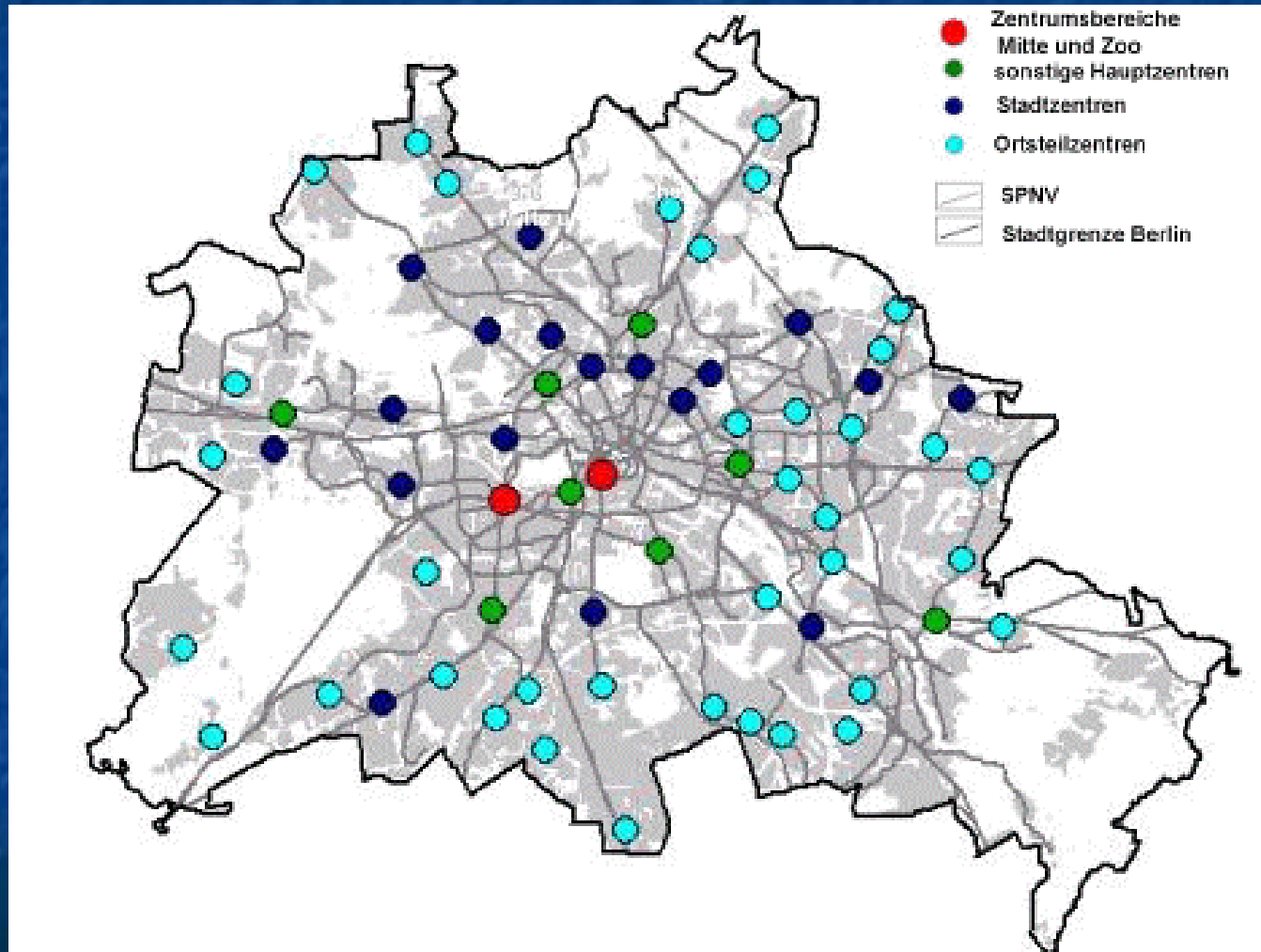


Public Space / Person
Public Transport



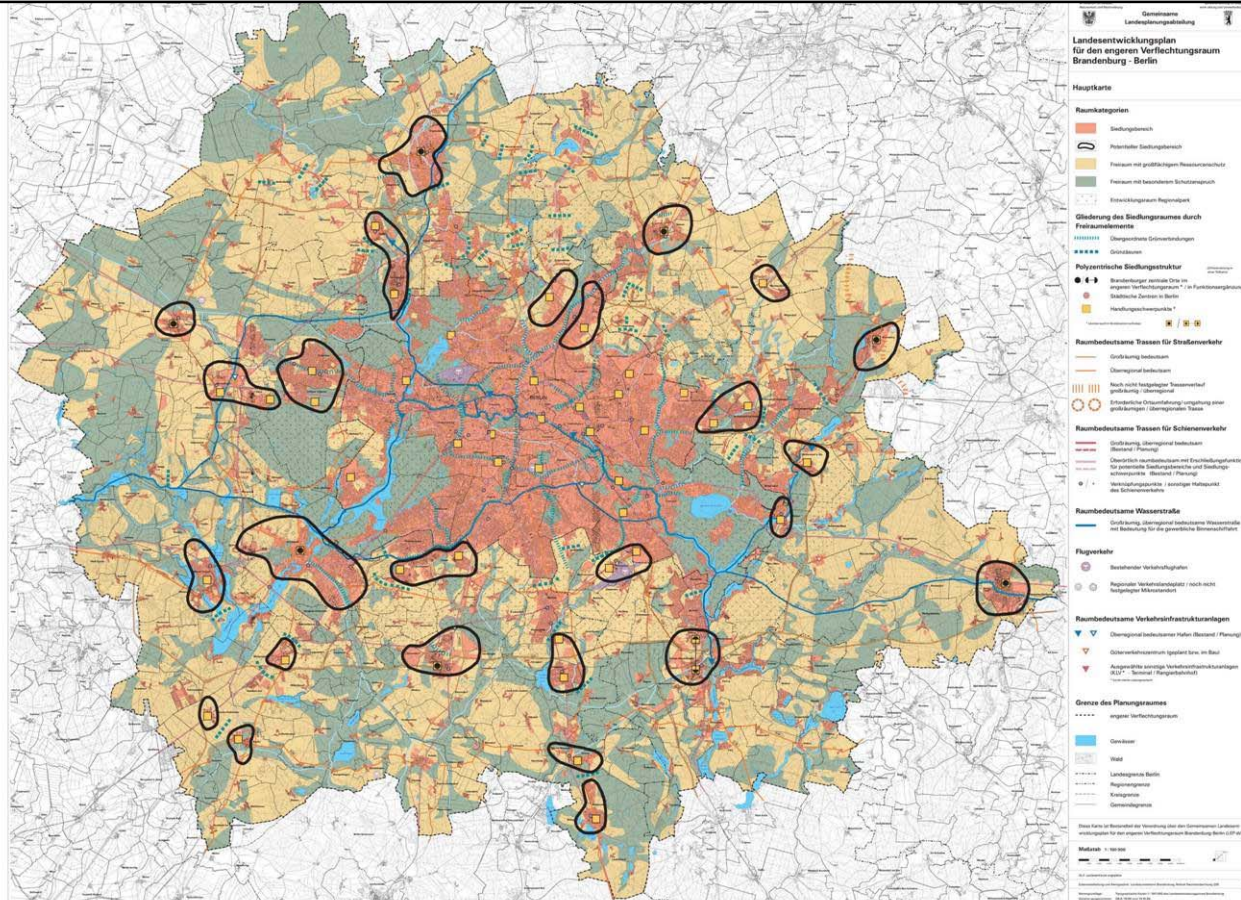
Public Space / Person
Motorised Individual
Transport

Polycentric Urban Structure



State Development Planning (LEP e.V.)

State Development Plan for the Nearby Densely Populated Area with Potential Spaces for Settlement



Reconstruction of the Inner City



Proposed new buildings from 2000 to 2010

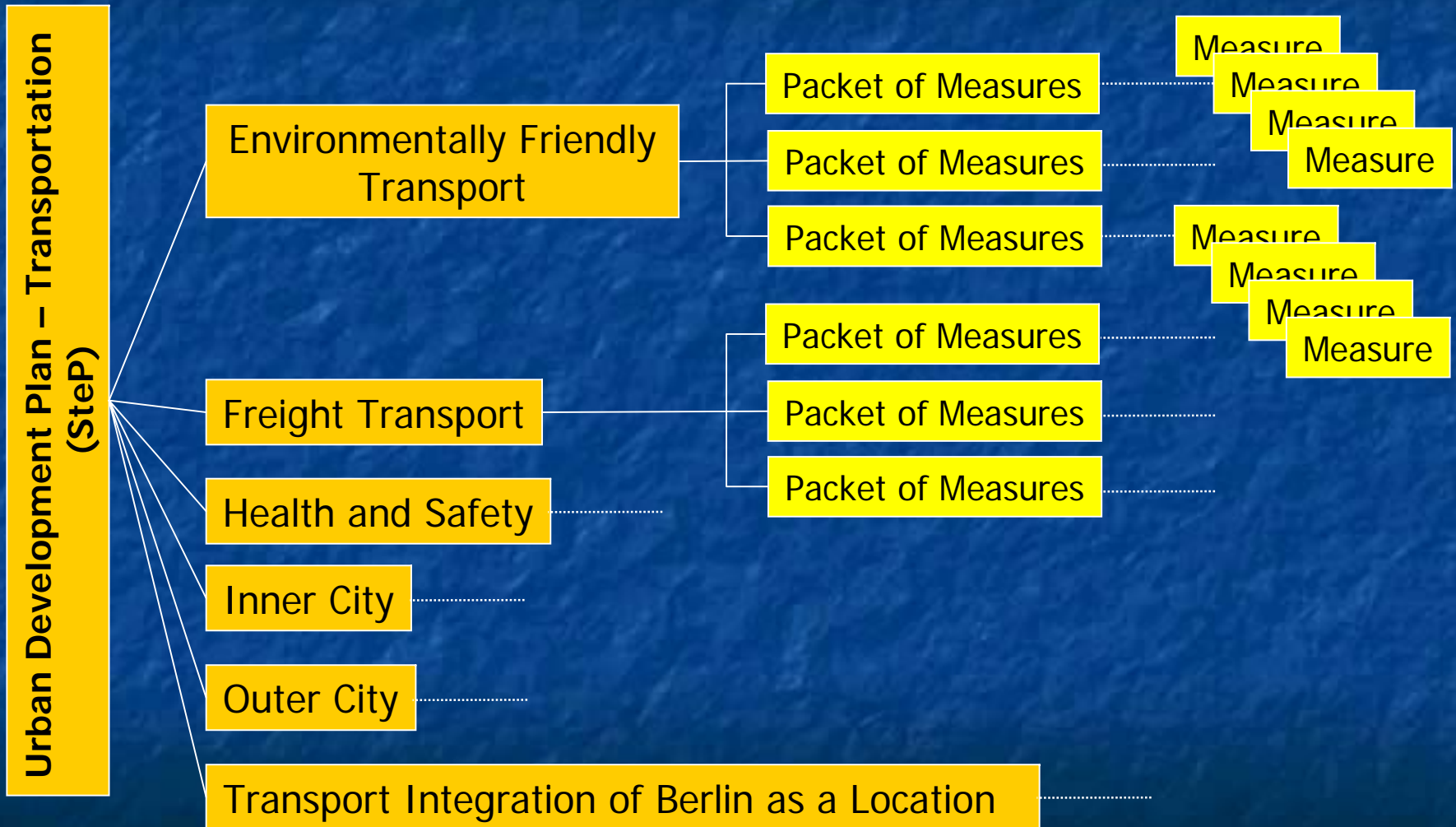
Revitalisation of Derelict Spaces



© SenStadt

The *Spreepeicher* in East Berlin is but one example for the successful reconstruction of the historic building stock in conjunction with the revitalisation of the surrounding areas.

Urban Development Plan – Transportation (SteP)



Parking Management



Reclaiming Public Space

Hackescher Markt / Am Zwirngraben



During reconstruction works in 2003



Today: the new urban public space

Thank you for your attention.