

Transportation of bicycles in public transport vehicles in the Oberelbe area – additional benefit and cases of conflict



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Integrierte Nahmobilität

12. SRL ÖPNV-Tagung/ 2. MeetBike Konferenz

Dresden, 12.03.2009

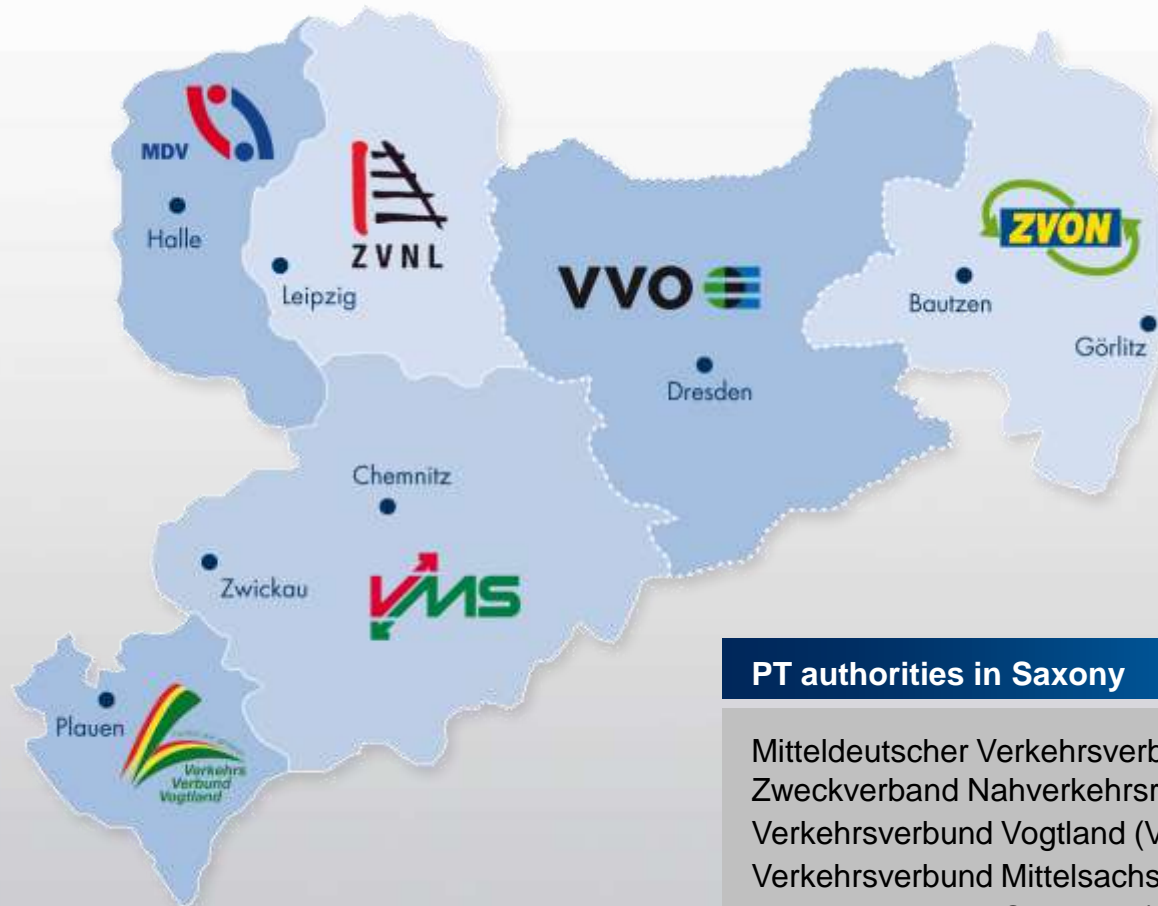
einfach umsteigen



Agenda

- 1. Short introduction of VVO**
- 2. Transportation of bicycles- weekday traffic**
- 3. Transportation of bicycles- touristic traffic**
- 4. Former aspects of partnership between bicycle and public transport**

The Public transport authority Verkehrsverbund Oberelbe (VVO) in the Free State of Saxony



PT authorities in Saxony

- Mitteldeutscher Verkehrsverbund (MDV)
- Zweckverband Nahverkehrsraum Leipzig (ZVNL)
- Verkehrsverbund Vogtland (VVV)
- Verkehrsverbund Mittelsachsen (VMS)
- Verkehrsverbund Oberelbe (VVO)
- Verkehrsverbund Oberlausitz-Niederschlesien (VON)

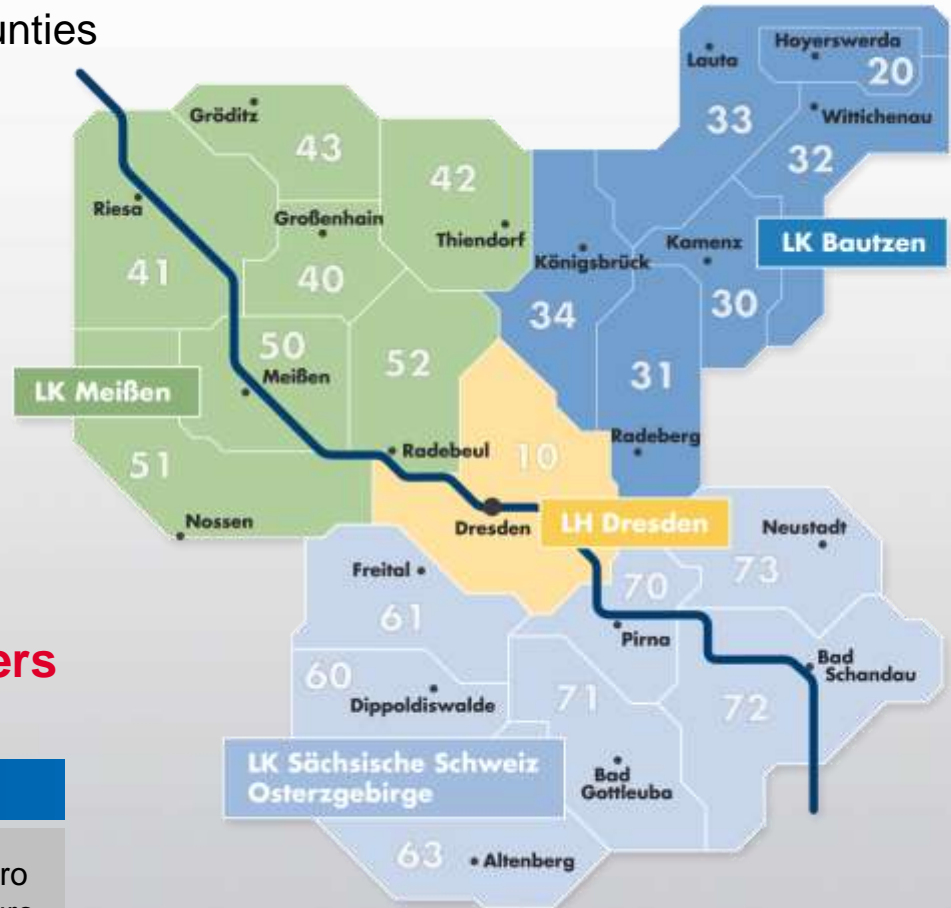
The Oberelbe region covers a zonal fare

- Members
City of Dresden and 3 counties
- Inhabitants
1.212.600 (31.10.2007)
- Area
4874 km²
- Public transport
330 lines
1/3 of local rail traffic in Saxony
- Schedule
63 millions kms p.a.

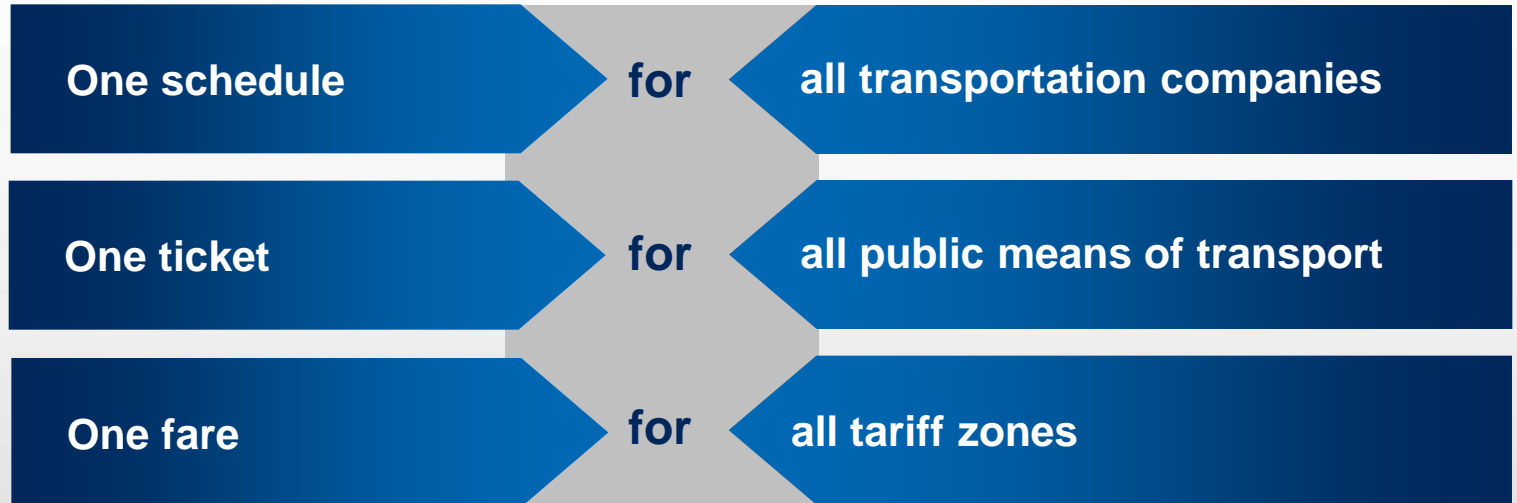
→ **198 millions passengers**

tariff (examples) (since 01.11.2008)

Einzelfahrt 1 Zone	1,80 Euro
Fahrradmonatskarte VVO	12,00 Euro
Abo-Monatskarte (Dresden)	39,50 Euro



**One for all. All for one.
Together for an integrated public transport.**



Customer acquisition by well-coordinated use of different public means of transport

Verkehrsverbund Oberelbe

railways (SPNV)

for fast regional connections
IRE, RE, RB, S-Bahn



trams and light rail rapid transit

for mass transportation in areas of high population density (busses in case of less passenger potential)



regional busses

as a feeder system to railway lines and to develop wide areas



interchange stations

for inter-modal linking (different means of public transport, bicycles (B+R), cars (P+R))



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Daily bicycle-influenced public transport trips



~ **6.000** PT-trips with transportation of bicycles
(trams, busses, ferries, cable railway, suspension
railway)



~ **1.500** railway trips with transportation of
bicycles

~ **7.500** bicycles in VVO-vehicles daily



Bike + Ride:

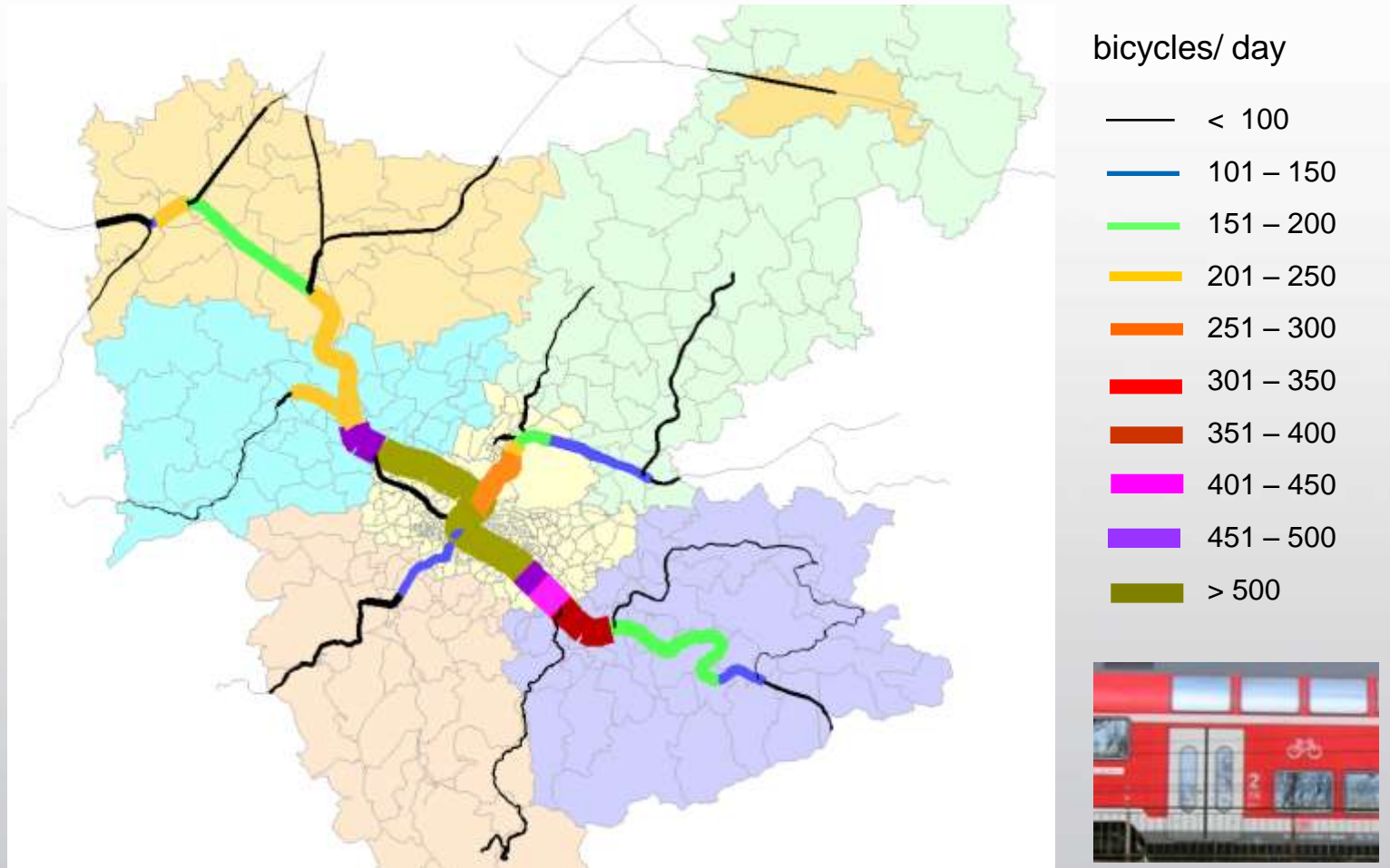
~ 1.500 parked bicycles

= ~ 3.000 railway trips

~ **10.500** bicycle-influenced PT tips daily

Transportation of bicycles in railways

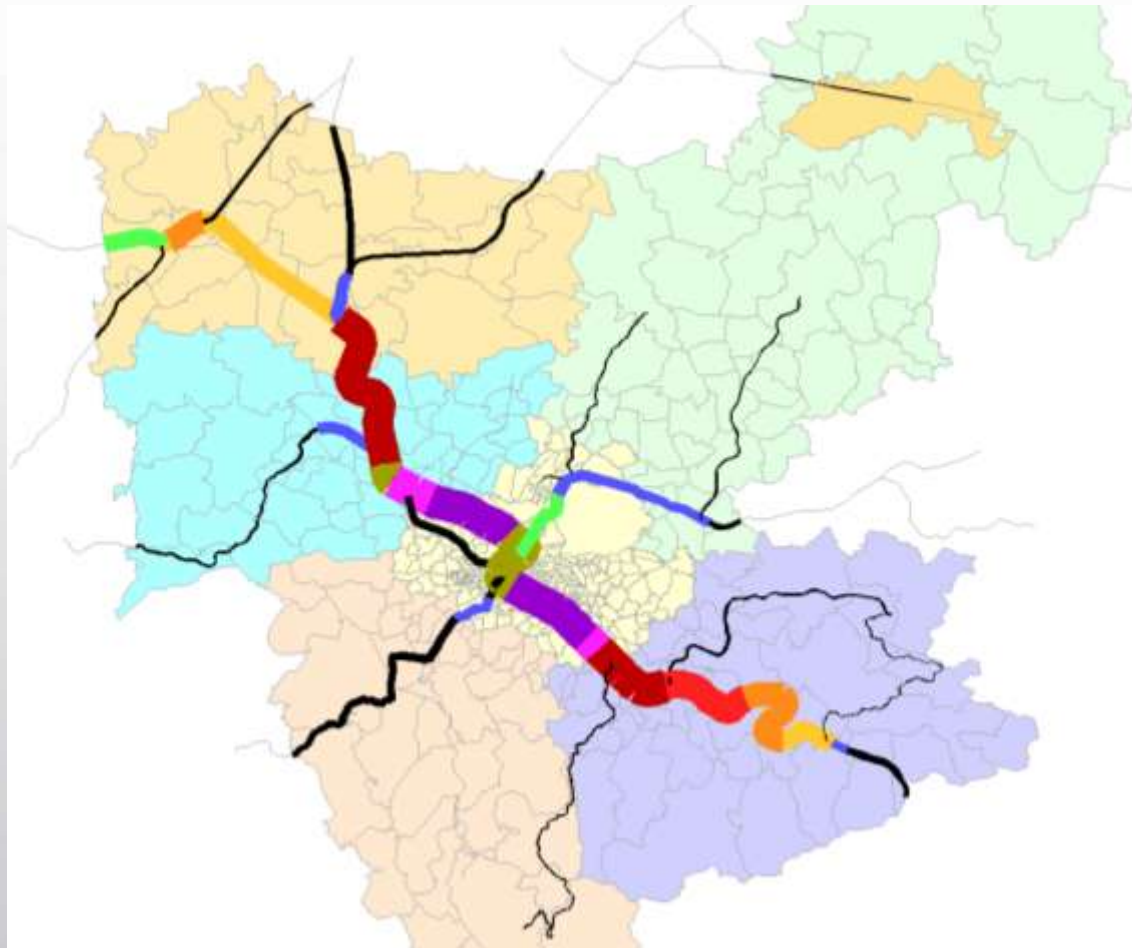
→ Monday to Friday



The number of transported bicycles on weekdays has heavily increased during the last years.

Transportation of bicycles in railways

→ Saturday



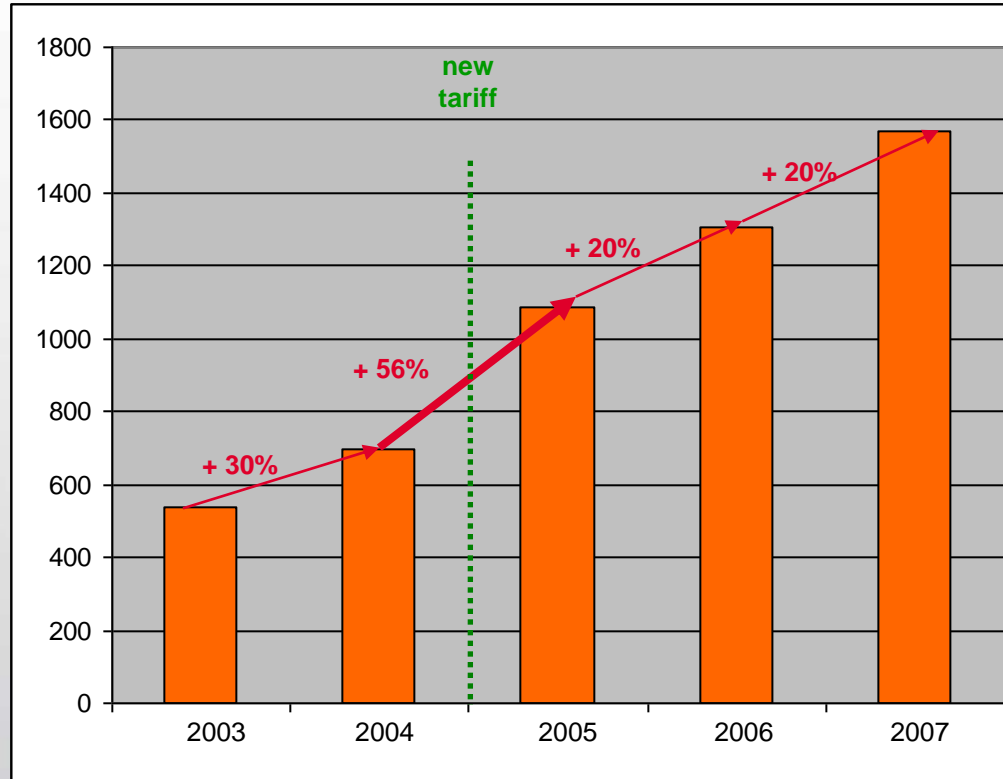
bicycles/ day



But even more bicycles are transported on Saturdays, this shows the high meaning of touristic and leisure traffic.

Rising numbers of transported bicycles

Average transportation of bicycles in railways, Mo-Fr



Yearly increasing
20 to 30 %

Related to a new tariff
more than 50 %

Expansion of cost-free
transportation of bicycles to railways
for passengers with
monthly and yearly tickets

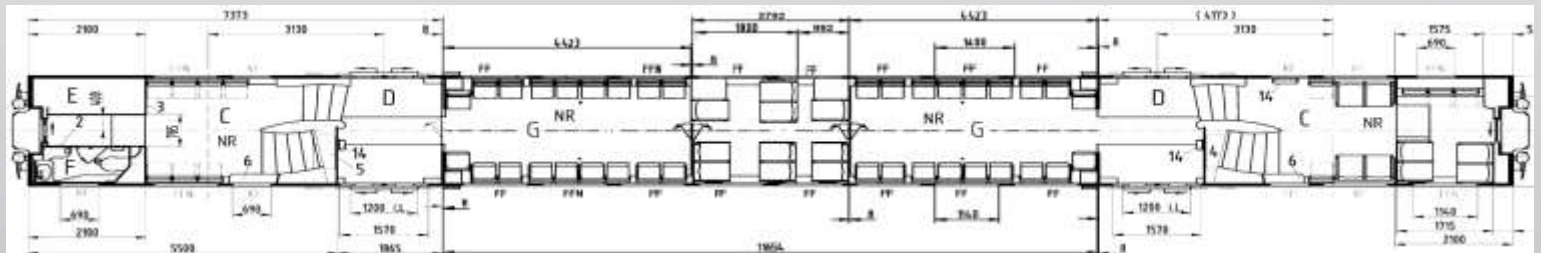
Bottlenecks during rush hours



- partially during the transportation of pupils
- partially on routes climbing a hill
- problems of sufficient capacity for bicycles, buggies/ prams, wheelchairs

New double-deck coaches

new double-deck coaches with increased capacity for bicycles since summer 2007



Barrier-free access to platforms

- program „public transport for everyone“
- construction of lifts and ramps
- beside disabled peoples or persons with buggies/ prams this is very useful for pessengers with bicycles, too



Agenda

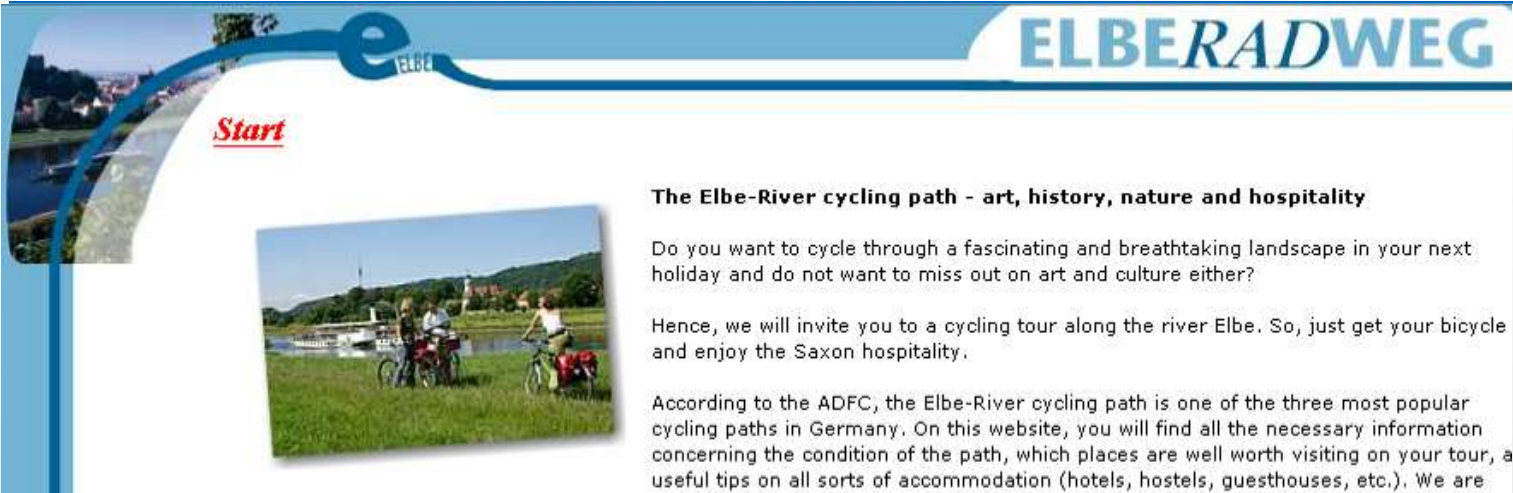
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High touristic potential in the Oberelbe region

- 38% of tourists use public transport
- 33% share touristic and leisure traffic in public transport
- high concentration of touristic vehicles in the region



Elbe-River cycling path as a magnet



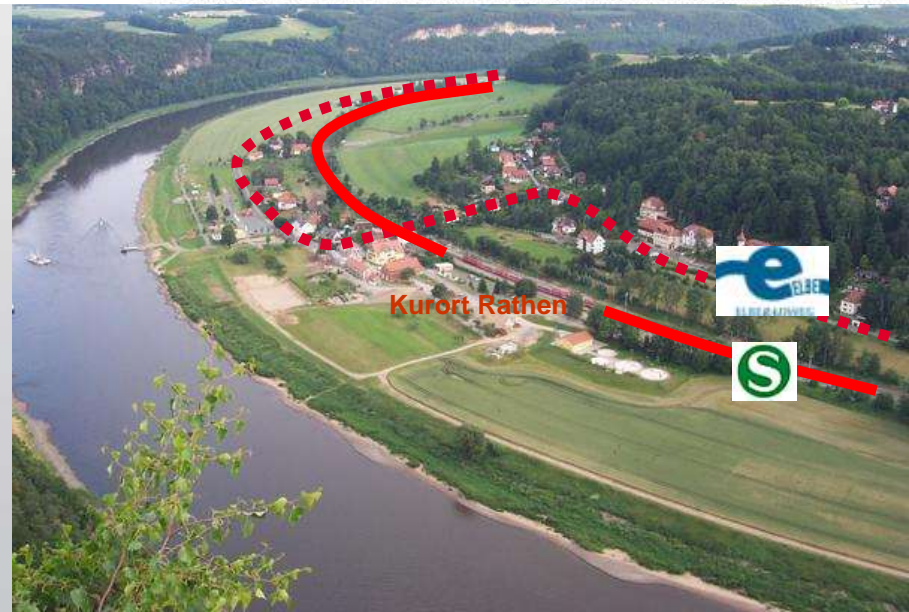
The Elbe-River cycling path - art, history, nature and hospitality

Do you want to cycle through a fascinating and breathtaking landscape in your next holiday and do not want to miss out on art and culture either?

Hence, we will invite you to a cycling tour along the river Elbe. So, just get your bicycle and enjoy the Saxon hospitality.

According to the ADFC, the Elbe-River cycling path is one of the three most popular cycling paths in Germany. On this website, you will find all the necessary information concerning the condition of the path, which places are well worth visiting on your tour, a useful tips on all sorts of accommodation (hotels, hostels, guesthouses, etc.). We are

between Riesa and
Schöna railway tracks
and cycling path run
parallel for **100 kms**



Expansion to three regions

- Saxon Elbe county Lines: 326, 328, 405, 415, 421
- Saxon Switzerland Lines: 242, 245, 260, [117]267
- Lusatia Line: 117[267]

Period of time

- March to October

Intensive Marketing



conflict:



max. total length: **18,75 metres** (German Road Traffic Act)

length of the trailer for cycles: ~ 5 metres

→ only a 12 metres bus can be used
(not 15 or 18 metres)

→ problem of sufficient capacity in rush hours

conflict:



The bus driver is responsible to the load safety

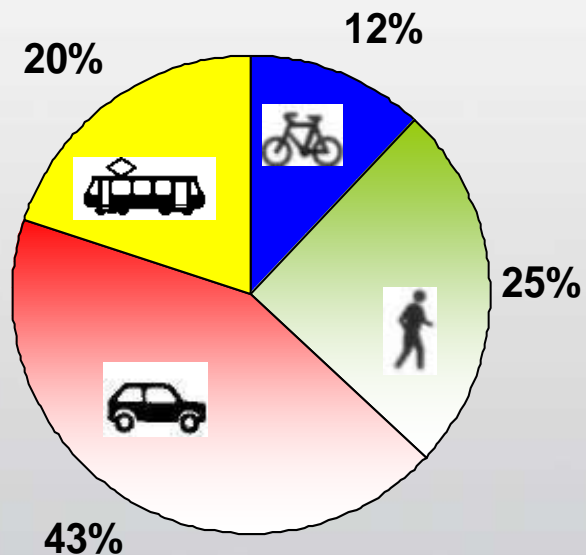
- he has to leave the bus at every stop and to watch the load and off-load of bicycles
- difficulty of working conditions
- conflicts with the keeping of timetable

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Partners in ecologically harmless transport modes

Experience shows: many users change between bicycle and public transport



modal split in Dresden 2003

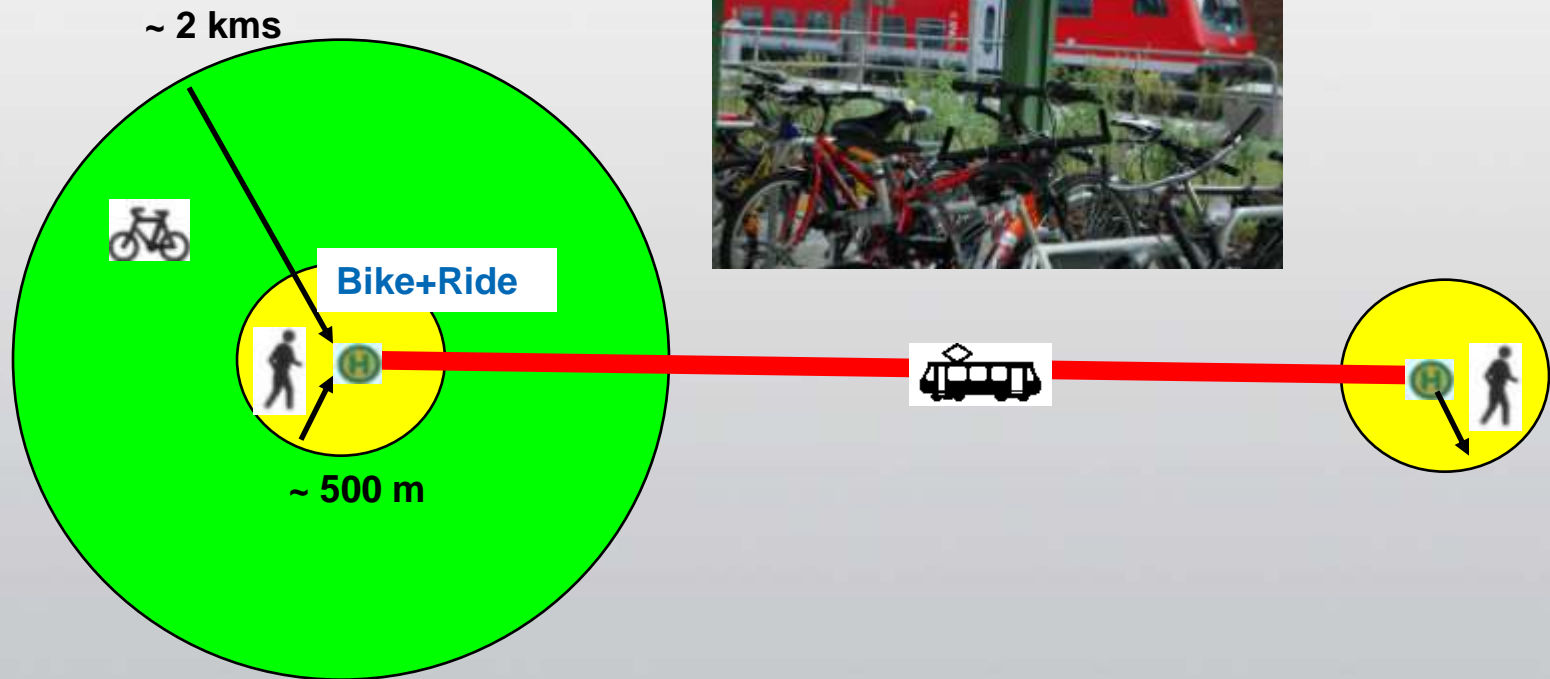


- similar typical journey distances
- similar typical trip purposes

Bike+Ride

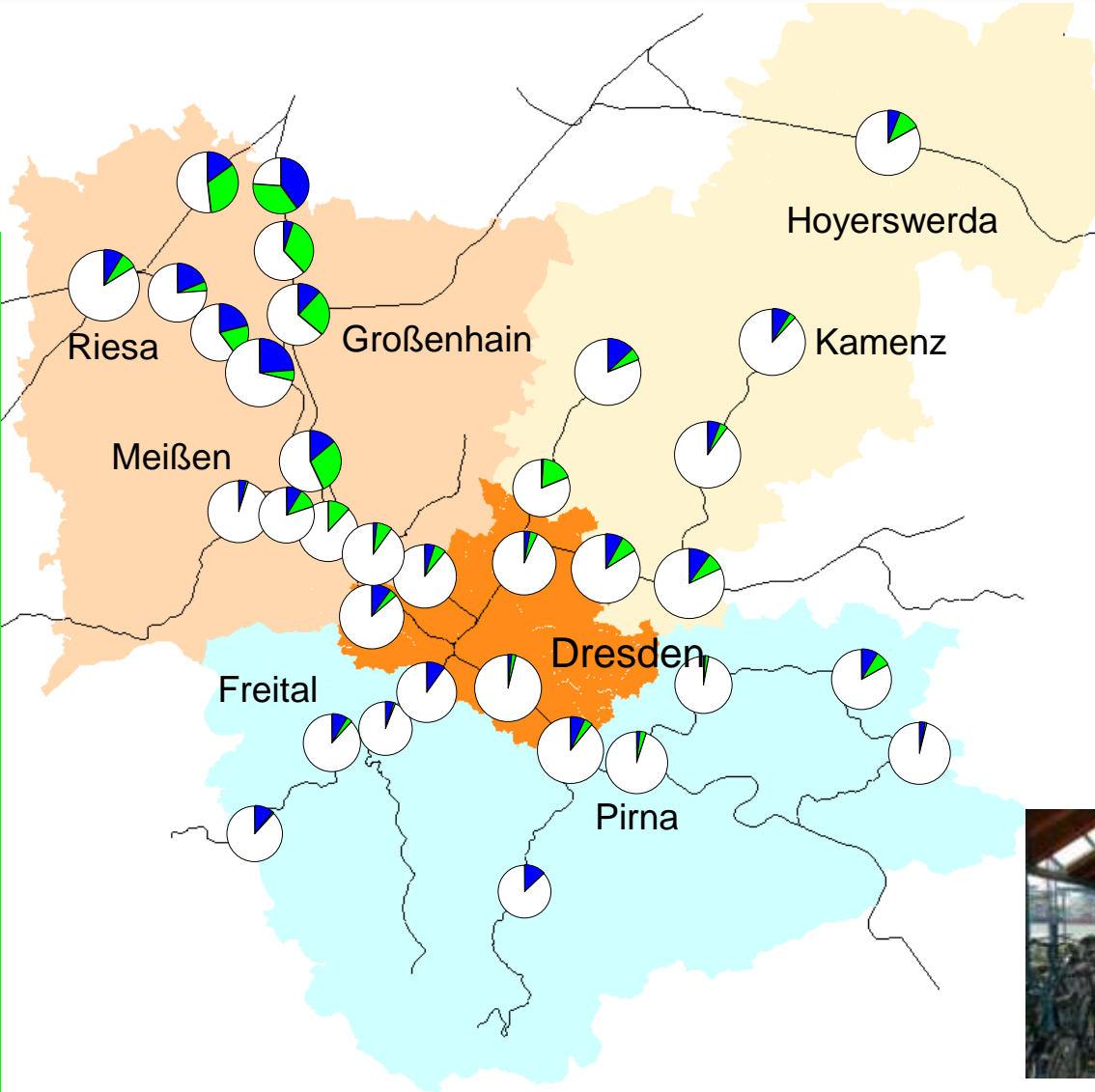
advantages:

- a station or stop gets a wider catchment area
- free of cost for B+R (or P+R) users

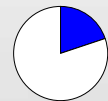


Share of B+R- and P+R-users in the railway passengers

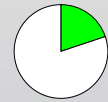
Übergangsstelle	Anteil P+R in %	Anteil B+R in %
Arnsdorf	10	8
DD-Cossebaude	10	4
DD-Klotzsche	3	4
DD-Reick	2	2
Coswig	0	12
Dürrröhrsdorf	1	2
Frauenhain	40	36
FTL-Deuben	5	1
FTL-Potschappel	10	0
Glashütte	13	0
Glaubitz	19	5
Gröditz	15	33
Großenhain	12	24
Heidenau	7	4
Hoyerswerda	6	11
Kamenz	9	3
Klingenberg-Colmnitz	11	1
Königsbrück	13	6
Meißen	4	1
Neusörnewitz	9	11
Neustadt/Sa.	9	8
Nünchritz	21	19
Ottendorf-Okrilla Süd	1	18
Pirna	2	3
Priestewitz	24	5
Pulsnitz	6	4
Radeberg	8	8
Radebeul-Ost	5	6
Radebeul-Weintraube	2	8
Riesa	9	7
Sebnitz	3	1
Tharandt	9	3
Weinböhla	14	29
Zabeltitz	5	33



share P+R
in %



share B+R
in %



Inter-modale informations at VVO-website

VVO navigator – your mobility portal for Dresden and environs
A service provided by Upper Elbe Regional Transport!



Just change - Welcome to the Upper Elbe Regional Transport (VVO)

"One for all and all for one!" Everyone knows the famous motto of the Musketeers – the legendary bodyguards of French kings! Translated into the language of networks that would be: "One timetable – one ticket – one fare".

It is the job of the Verkehrsverbund Oberelbe to bring together the regional public transportation companies and integrate them into a unified, area-wide offer for bus and train services. The result is a timetable that has been agreed to by all of the operators. A further large advantage is the single tariff structure for the entire VVO area. That makes it much easier to buy a ticket and it makes the price structures much more transparent – after all, as a passenger all you need is one ticket to be able to use all of the means of transportation in the VVO area.

Inter-modale informations at VVO-website

The screenshot displays the VVO website's interface. At the top left is the VVO logo with German, Danish, and English flags. A navigation bar includes links for 'Timetable', 'Fares & network', 'Spare time & sports', 'Tourism', 'Cars & traffic', 'Offers & events', and 'About VVO'. A secondary navigation bar lists 'CARS, TAXIS, RENTAL CARS', 'BICYCLE' (highlighted), 'SHIP', 'AIR TRAFFIC IN DRESDEN', and 'SPECIAL MEANS OF TRANSPORT'. The main content area is titled 'Bicycle' and features a sub-header 'Taking your bike along on buses, trams and trains'. Below this, there are three sections: 'Inner-city cycling paths', 'Long-distance routes', and 'Mountain biking', each with an image and a brief description. A search bar is located on the right side, and a customer service image is at the bottom right. The footer contains the VVO logo.

VVO

Zug S Tram BUS F

Timetable • Fares & network • Spare time & sports • Tourism • Cars & traffic • Offers & events • About VVO

Home Page • Cars & traffic •

Bicycle

Taking your bike along on buses, trams and trains
Inner-city cycling paths
Long-distance routes
Mountain biking
Bicycle rentals
Repair shops
Bicycle library
Bicycle inner bike vending machine
Vestaxi

SHIP

AIR TRAFFIC IN DRESDEN

SPECIAL MEANS OF TRANSPORT

Taking your bike along on buses, trams and trains

It is possible to take along your bicycle when you travel with VVO. Here you can find out what to keep in mind when using the various means of transport.

▶ [Taking your bike along on buses, trams and trains](#)

Inner-city cycling paths

Whoever travels by bike every day – for example on the way to work, to school or to kindergarten – will usually have to deal with the traffic. However, most of the cities in the VVO region offer an excellent network of cycle paths.

▶ [Inner-city cycling paths](#)

Long-distance routes

The Elbe Cycling Path is the largest and most important long-distance cycle route in the region. But there are also other paths that invite the cyclist to take longer tours through the VVO region. The long-distance paths are well paved, well kept routes that usually lead through flat or hilly countryside.

▶ [Long-distance routes](#)

Mountain biking

Where there are mountains, there are mountain bikers. Saxon Switzerland and the Osterzgebirge are big attractions for all mountain bikers. You can find interesting tips for biking excursions here.

▶ [Mountain biking](#)

SEARCH

Search term

SEARCH

Infohotline
0180 7 2266 2266
(8 ct per call from any German landline telephone)
info@vvo-online.de

VVO



Thank you for your attention.