From Infrastructure Planning to an Integrated Transport Development Policy

Dresden Transport Planning – Past and Present

Transport planning is an exciting field within the urban or, in general, spatial structuring development strategies. With the expansion of the towns into industrial conurbations within the course of the 19th century and the creation of a public transport system, transport planning crystallised as an independent branch of town and country planning and therefore gained in importance in the 20th century. Transport planning also has a long tradition in Dresden.

In the first decade after the Second World War, the focus was on the reconstruction of the city in order to create a foundation for a new policy concerning transport and

urban planning. In the 1960s and 1970s the master plans for urban development and transportation were developed based on the respective scientific knowledge. Many approaches and drafts were not implemented for a variety of reasons.

In the 1980s up until the political change in 1990 it was the task of transport planning to aim for the connection of a useful transport organisation with the development of a basically already integrated transport system. The issues of disabled people, cyclists and pedestrians increasingly received more attention.

The time around the year 1990 was ultimately a new beginning for the transport planning in Dresden. It was the time of the

'Round Tables' (also in transport planning), in which the citizens took the destiny of the city in their own hands. From this came the phrase 'Overall concept for the transport policy in the conurbation of Dresden' which stands for a new start, democracy and the will of the people in the history of Dresden Transport Planning. This material was then the basis for the Transport Concept of 1994.

The transport policy in Dresden was continuously updated, reviewed and extended resulting in an integrated Transport Development Policy.





Conception, Editing, Text:
Landeshauptstadt Dresden,
(The State Capital City of Dresden)
Stadtplanungsamt, Abteilung Verkehrsentwicklungsplanung (City Planning
Office, Department of Transport Planning)

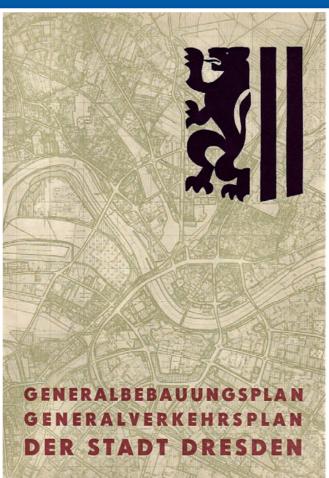
With the friendly assistance of Dresdner Verkehrsbetriebe AG

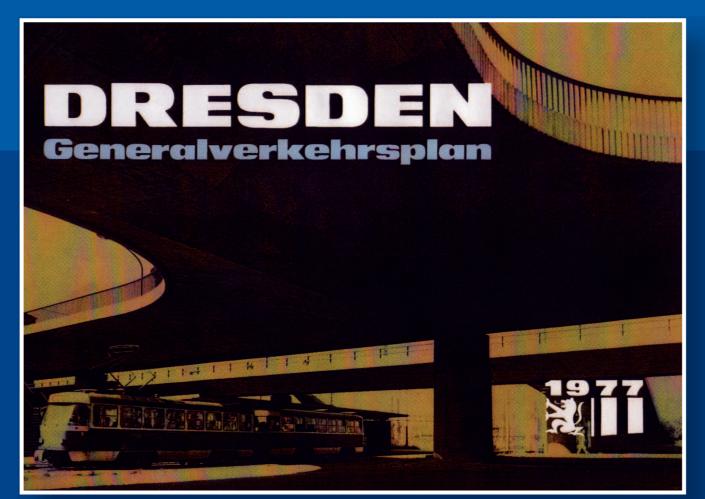


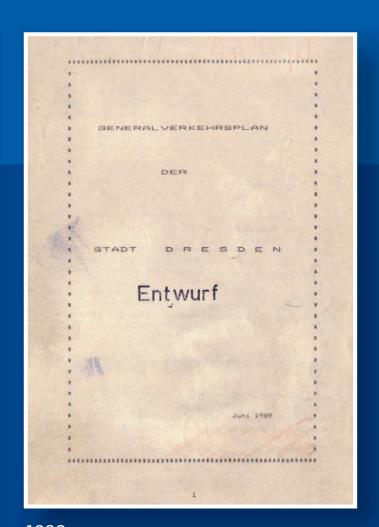
Overview

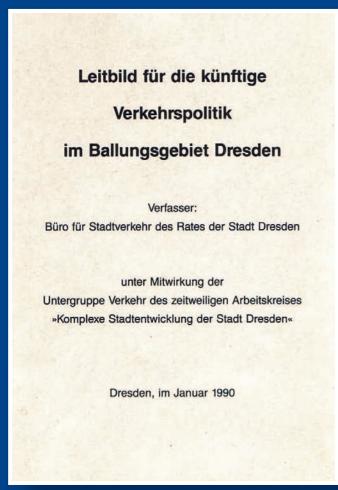
The City of Dresden's Transport Concepts from the 1950s to the present



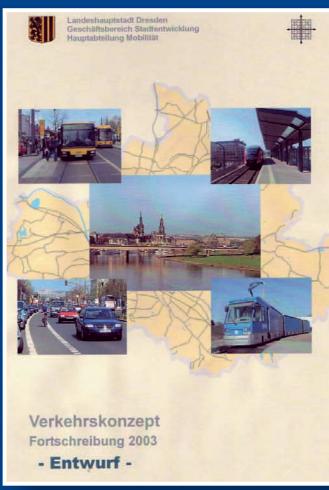














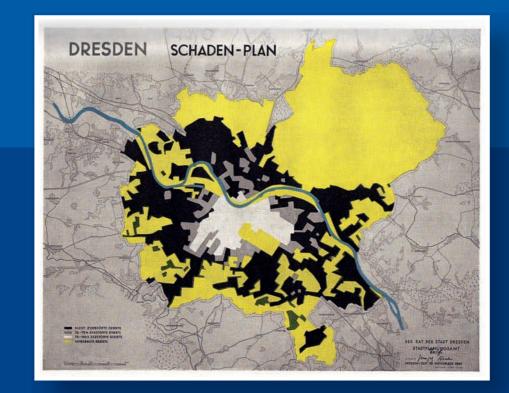
Transport conceptions through the changing times – not only in name and appearance – are lived out stories and witnesses of different eras from the reconstruction after the night of bombing on 13 February 1945 and the changes and ideals of the GDR past, the new democratic start after the wall came down in 1990 to the status as European city in the 21st century.

The 1950s

New Start of the Urban Development after World War II



The traffic conceptions of the 1950s are characterised by ideas of reconstruction of the city's (and the transport) infrastructure as well as the intention of organising a new start.





The Legacy of the Night of Bombing - 13 February 1945:

36 % were partly damaged, only 25 % were preserved

- > At least 25,000 lives were wiped out,
- 10 million cubic metres of debris,
- > 12 km² of the city were completely annihilated,
- > 39 % of all flats in Dresden were destroyed,
- DRESDEN
 ENTWICKLUNGSPLAN INNENSTADT
 FASSUNG 1

 RECHESIAN

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 TRA

This precursor of a Land Use Development Plan for the Dresden city centre from the year 1949 marked the new start for urban development. Parking spaces were intended for 5,000 vehicles. (In comparison; today there are approx. 22,000 parking spaces within the so-called '26 Ring' - the former 26 tram line).

III. DIE GRUNDPRINZIPIEN FÜR DIE NEUPLANUNG

Bei der Aufgabenstellung für die Bearbeitung der Neuplanung ergaben sich unter Berücksichtigung der politischen, wirtschaftlichen, sozialen und kulturellen Verhältnisse folgende grundlegende Punkte:

- Dresden ist die Hauptstadt des Landes Sachsen und der Sitz der Regierung eines Landes der Deutschen Landeshauptstadt Demokratischen Republik. Dresden ist der zentrale Ort von 1,8 Millionen Einwohnern des Großraumes.
- 2. Dresden ist Arbeitsstadt mit einer mannigfaltigen Veredelungs- und Fertigwarenindustrie. Arbeitsstadt
- Dresden hat die besonderen Aufgaben einer Kunst- und Kulturstadt zu erfüllen. Die im Laufe der Kulturstadt Geschichte entstandenen Traditionen und Gegebenheiten und die sich anbahnende kulturelle Entwicklung bilden hierfür die Grundlage.
- 4. Unter Beachtung der Bevölkerungsentwicklung ist für die Stadt Dresden eine Zahl von 500 000 Einwohnern innerhalb der jetzigen Stadtgrenzen zugrunde gelegt worden. Der Plan wurde jedoch so elastisch aufgestellt, daß späteren Erweiterungen Rechnung getragen werden kann. Das Verhältnis der Wohndichte EW/ha Wohngrundstücksfläche (überbaute Wohnbaufläche, Hausgarten und Wohnwege) ist im allgemeinen mit höchstens 250 als Richtzahl angenommen worden.
- 5. Die Erfüllung der Forderungen des werktätigen Menschen hinsichtlich des Wohnens, der Arbeit, Mensch der Kultur und Erholung ist das Ziel der Planung.
- 6. Eine funktionelle Ordnung der Wohnzellen wird herbeizuführen sein. Die kommunalpolitische und Wohnzelle städtebauliche Ordnung der Stadt baut sich vom Wohnbezirk als kleinste Zelle bis zum Gesamtgefüge der Stadt organisch auf. Hierbei ist für den lebensfähigen Wohnbezirk die Richtzahl von 5000 bis 6000 Einwohnern zugrunde gelegt worden. Die Wohnzellen schließen sich in der übergeordneten Verwaltungs- und Funktionseinheit mit 30 000 Einwohnern als Richtzahl zusammen.
- 7. Die städtebauliche Einordnung von Industrie und Gewerbe wird sich mit dem Aufbau der Wirtschaft Industrie vollziehen, wobei Arbeitsstätten und Wohnquartiere planvoll einander zugeordnet werden.
- 8. Der Stadtkern als zentraler Ort, d. h. als Mittelpunkt der zentralen Funktionen der Verwaltung, zentrale der Wirtschaft und der Kultur basiert nicht allein auf dem Stadtgebiet Dresden, sondern ebenso auf dem Großraum und auf dem Land Sachsen. Er wird für die politische, wirtschaftliche und kulturelle Entwicklung von weittragender Bedeutung, im besonderen ein Spiegelbild der künftigen Gesellschaft
- Die Neuordnung des Verkehrs richtet sich nach den Erfordernissen einer zukünftig anwachsenden Verkehr Verkehrsentwicklung. Hierbei sind differenzierte Verkehrswege den jeweiligen Funktionen und Bedürfnissen entsprechend vorzusehen.
- 10. Die Gestaltung des Stadtlandschaftsraumes baut sich auf einer biologisch begründeten Grünflächenpolitik auf. Die Landeshauptstadt soll noch mehr als bisher in ihrer günstigen natürlichen landschaftlichen Lage eine Stadt der Gärten, der Grünanlagen von Nutz- und Erholungsgrün, eine Stadt der
 Hygiene werden. Dabei bestimmen Bodeneigenschaften und landschaftliche Gegebenheiten die Gestalt
 des Stadtlandschaftsraumes.
- 11. Der Neuaufbau kann nur bei einer grundlegenden Neuordnung des Grund- und Bodenwertes durch- Grund und Boden geführt werden. Hierbei erfordert die künftige städtebauliche Ordnung die Bildung von Groß- und Sammelparzellen.
- 12. Erhaltenswerte Baudenkmale, Natur- und Landschaftsschutzgebiete bilden einen festen Bestandteil Baudenkmale der Neuplanung, soweit sie der Ausdruck einer vergangenen Kultur und Gegenstand des allgemeinen

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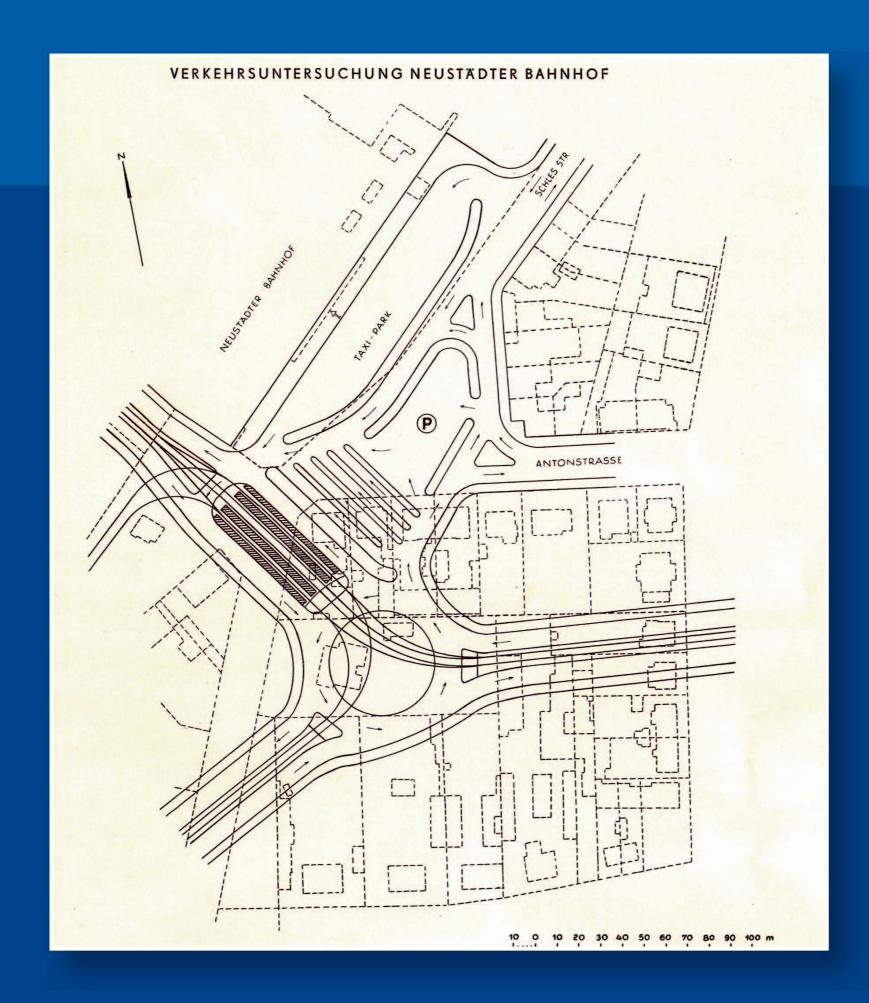
At the end of the 1940s the basic principles of the new plan were important for reconstruction.

The 1950s

The Transport Network - The Complete Picture and in Detail



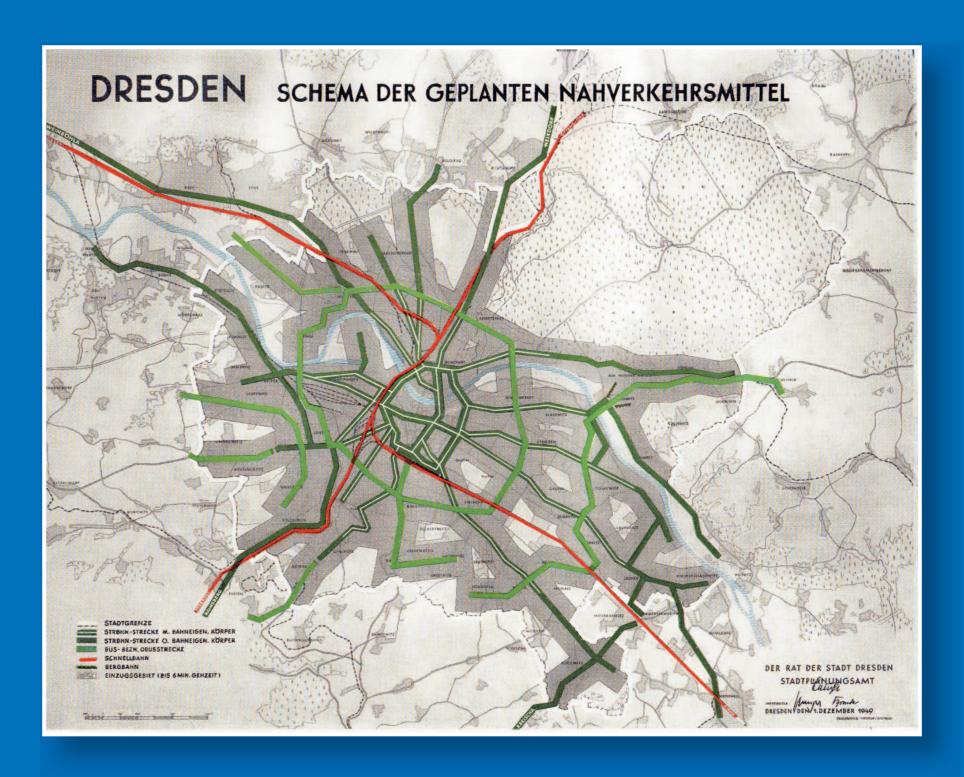
Detail plans for the creation of the transport and traffic system in Dresden. This is the junction 'Pirnaische Platz' as a roundabout solution.



Detail plans for the creation of the transport and traffic system in Dresden. Here is the 'Neustadt Train Station' with a roundabout and a central tram and bus station.



The Planned Main Road Network from the 1950s
A tangent-formed system can be noted which is complemented by a link road leading over the river Elbe west of the city's 26 ring (former 26 tram line).

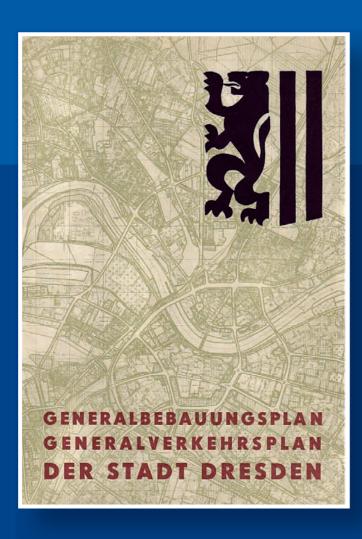


The conception for the local public transport system from the year 1947 as it was developed based on the route network of the Dresden transport company 'Dresdner Verkehrsgesellschaft AG'.

- > Coverage of the city by tram with all important connections and coming together at the '26 ring' (inner ring),
- > Popular routes perpendicular to the tram lines were to be served by a bus system (E.g. Neuostra Blaues Wunder Grundstraße Weißig),
- > Conception of an outer ring road for buses.

The 1960s

The New Urban Development Policy in the Spirit of the Sixties

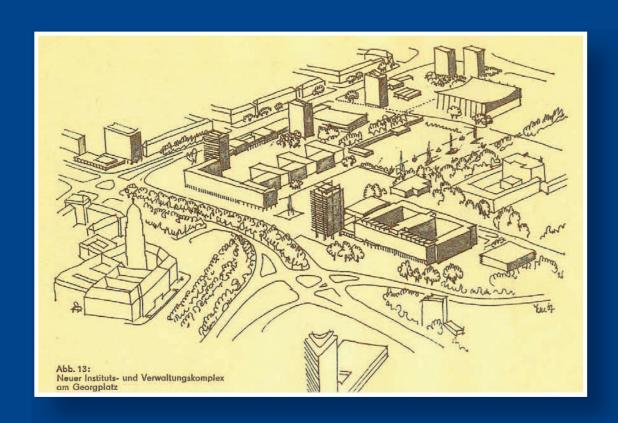


The transport conceptions from the 1960s known then as 'Generalverkehrsplan' (General Transport Plan) are based on a contemporary modern development and a traffic infrastructure orientated on the development of an increasing number of cars.

It is noteworthy that these two master plans, Urban and Transport Development, were combined.

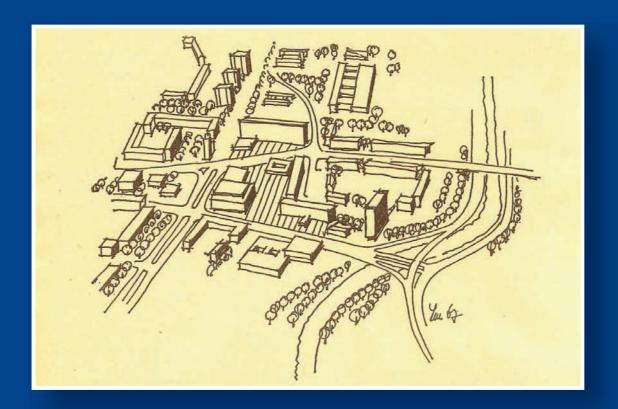


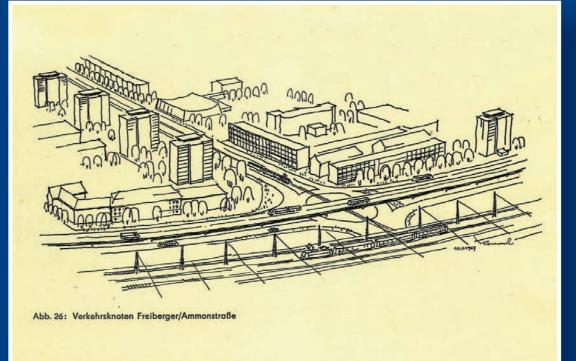
Plan for the Inner City Development 1967
Intentions for a broad extension of the main roads within the '26 ring'
(inner ring) with the tramway in the centre of the road on an independent track formationits own track bed.



Building Visions in the Style of the Sixties

New Administration Complex at 'Georgplatz' opposite the City
Hall as it was envisaged at the end of the sixties.



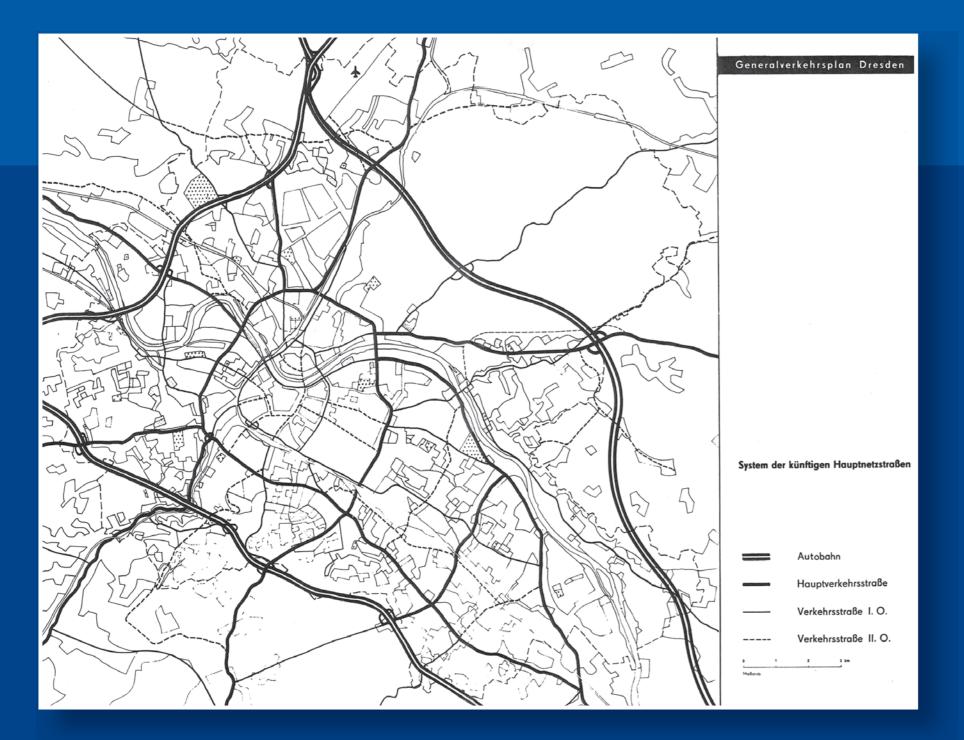


Analogous to the visions of the reconstruction of the so-called Urban District Centres on 'Kesselsdorfer Straße' near 'Drei-Kaiser-Hof' and at the junction of Ammonstraße/Freiberger Straße. Such Urban District Centres had gained in importance to complement and support the inner city which was still suffering from the heavy destruction. The planning philosophy of this year is clearly recognisable: Widely spread apart prefabricated blocks of flats aligned with the traffic routes on several levels.

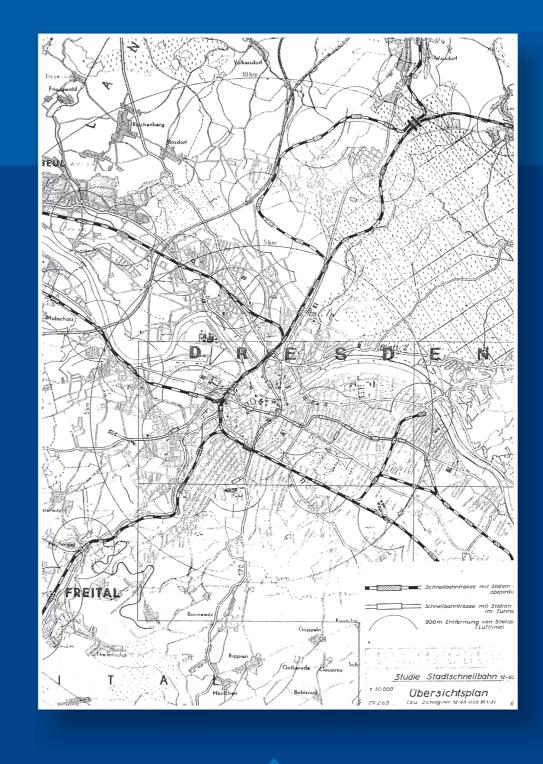


The 1960s

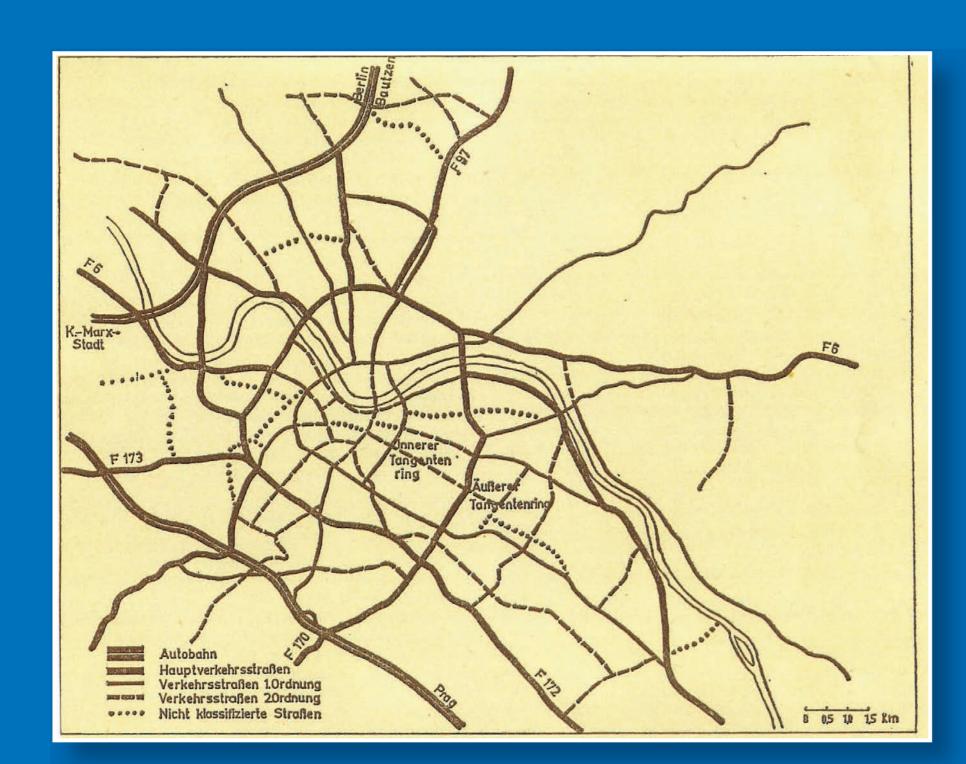
The Traffic Networks - As a Whole and Different Variation



Visions of a future main road network from the year 1967: One of the versions envisioned a motorway right across the wooded area called 'Dresden Heide'.

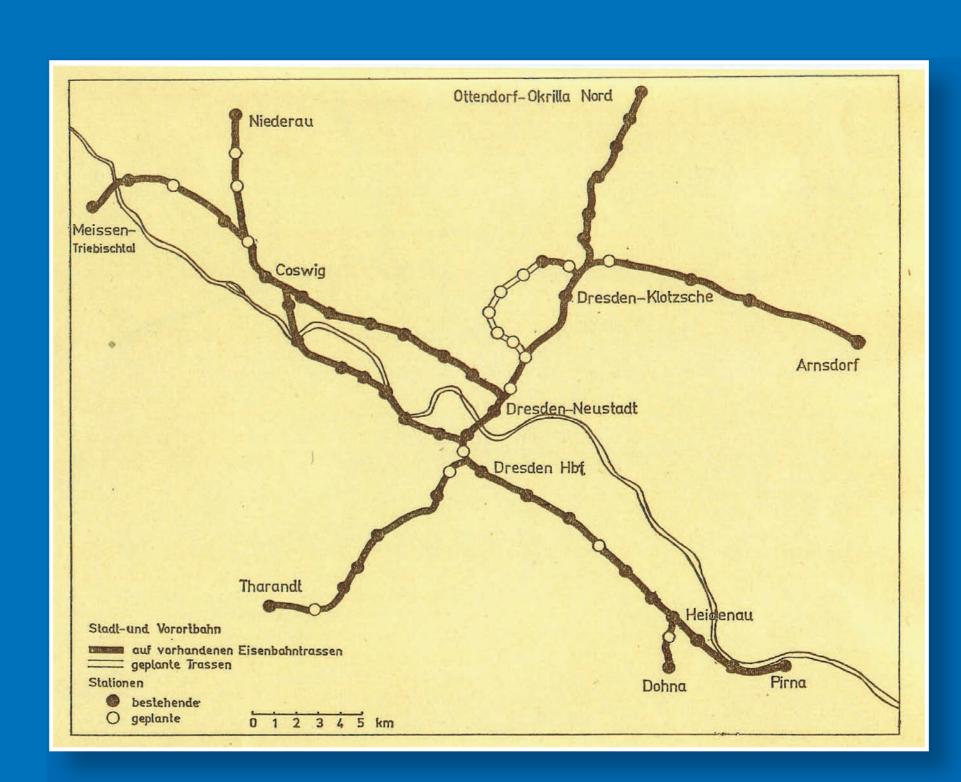


Visions of a future rail transit system at the end of the sixties: One of the ideas was a partly underground tram or urban railway network. An expansion of the urban railway above ground was also considered (see line coming from the South to Loschwitz).



The Planned Main Road Network from the 1960s. A classical ring system consisting of an outer and inner ring ro

A classical ring system consisting of an outer and inner ring road can be identified. The in-coming tangents (main roads) lead up to the outer ring road where the traffic should be redistributed.



The conception for the local public transport included the development of the tram and bus system as well as an extension of the urban-suburban commuter railway.

- > The so-called 'Hellerschleife' (Hellerau Loop) can be seen: a connection between the Dresden airport and 'Neustadt' train station in a westward curve which should enable even main-line trains to access the airport.
- > It is also possible to recognise planned stops (e.g. Grenzstraße, Freiberger Straße); some of them can be seen in reality today, almost 40 years later.

The 1970s

Urban Development and Transport and Traffic in the Spirit of the Seventies



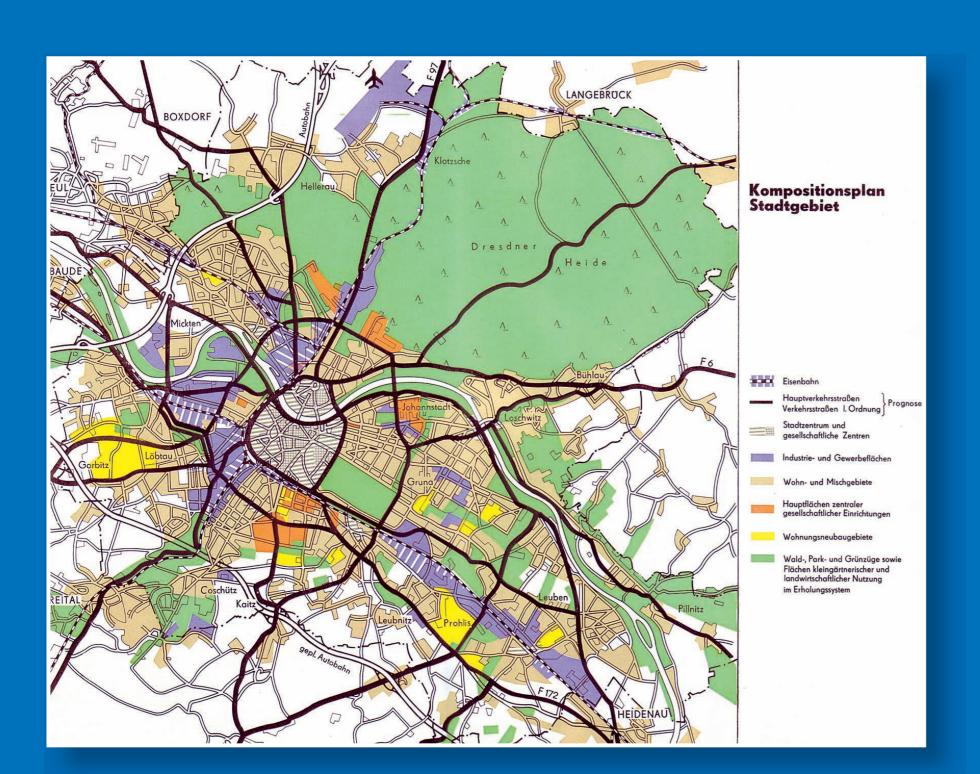
The transport conceptions of the 1970s, published at that time under the title 'Generalverkehrsplan (General Transport Plan) 1977', arose out of the 1960s modern city and transport construction strategies. Large areas of prefabs had already grown in the inner city area and building of more was in progress: towards the end of this decade the extension of the city including the council housing estates of prefabricated blocks of flats began (Gorbitz, Prohlis). This meant that above all the development of more effective transport connections, in particular on the basis of the local public transport (urban-suburban commuter railway, tram and bus).



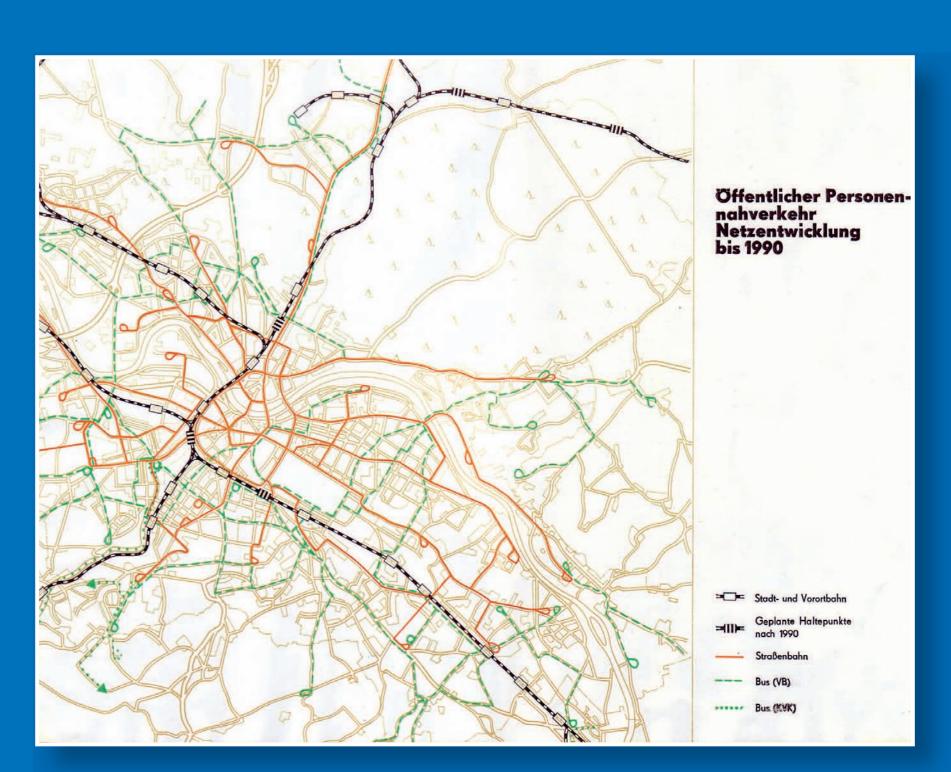
Urban development area at today's Albertstraße (Sarasanistraße) in the seventies.



The ideas from the fifties and sixties for large dimensioned transport systems were partly realised around 1970, and can be seen here by the example of the transport hub at Pirnaischer Platz.



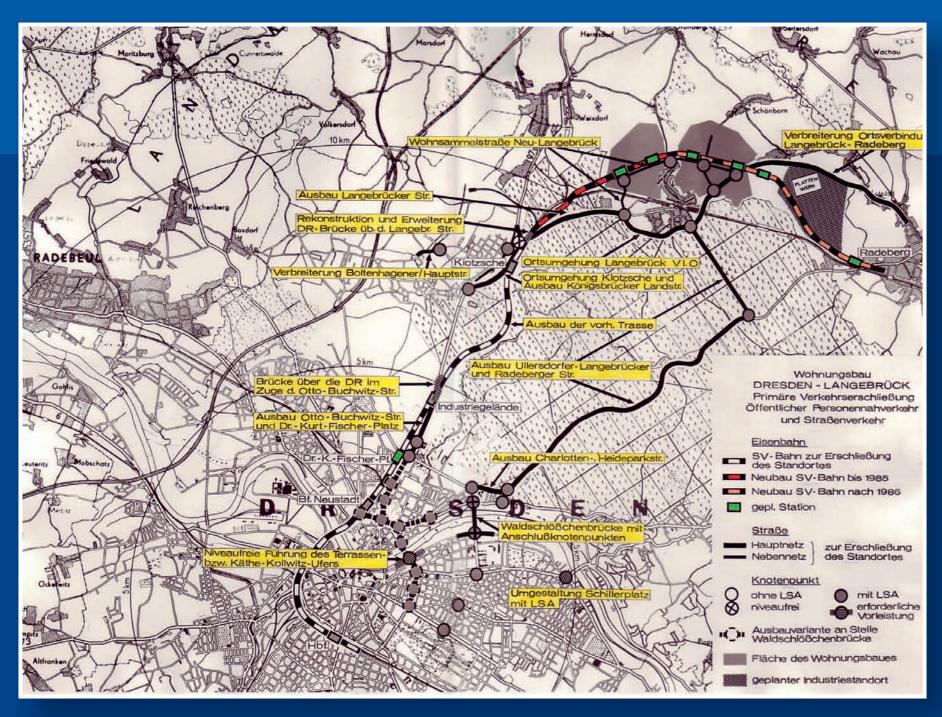
In the draft of the future main road network for the city district Dresden from the seventies the continuation of the design notions for a ring system (outer and inner ring) where radial roads converge can clearly be seen. A special point of interest: The plan included a relief road for the bridge 'Blaues Wunder' along the street Kretschmerstraße.



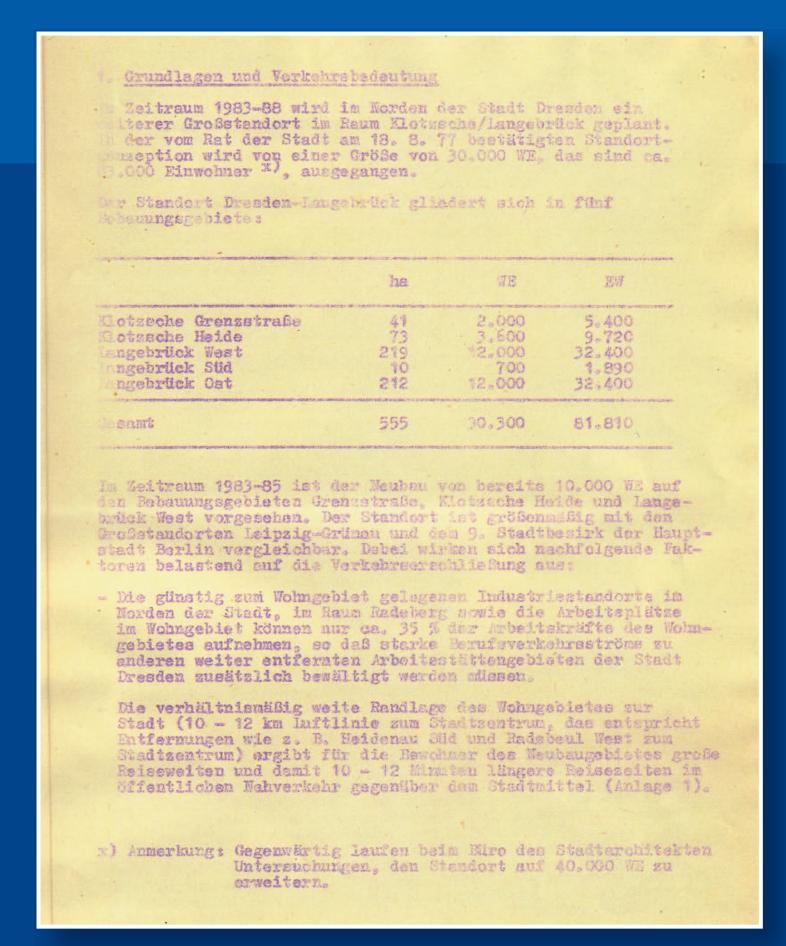
The conception for the local public transport was aimed at the construction of a comprehensive system made up of urban-suburban commuter railway and tram complemented by bus.

The 1970s

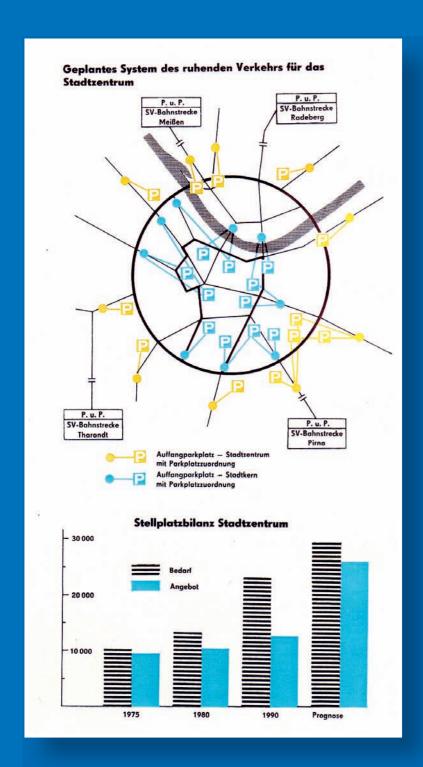
Connecting the Estates of Prefabricated Blocks of Flats and Concepts for Stationary Traffic



A line through the envisaged new development area of Langebrück evolved from the urban-suburban commuter railway of the seventies. This line was supposed to curve through the planned residential area towards Klotzsche. The road system also had to be greatly improved for the connection to this area.

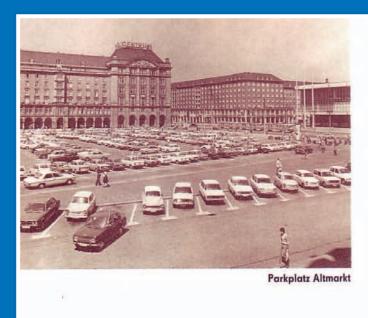


As the first side of this report (Primary Connections for the Development Area of Flats 'Dresden-Langebrück) from 21 November 1977 shows, the area was planned for 82,000 inhabitants; 30,000 new flats were to be created.



The gradually increasing motorisation at this time meant that the problem of what to do about stationary traffic was even more enhanced than in the years

Park and Ride schemes in the inner city area were supposed to produce relief; ones were also planned in connection with the urban-suburban commuter railway for the lines coming in from the surrounding areas. The term at that time was 'P. u. P." which stood for Parken und Pendeln (Park and Commute).



STADTZENTRUM

Durch die Neugestaltung des völlig zerstörten Stadtzentrums konnte im Vergleich zu Städten mit erhaltenem alten Stadtkern eine relativ große Anzahl von Stellflächen geschaffen werden, so daß zur Zeit insgesamt 9 650 Stellplätze vorhanden sind. Erweiterungen sind vorzusehen mit Fertigstellung des Wohnungsbaus in der Inne-

In den nächsten Jahren muß der ruhende Verkehr im wesentlichen mit diesen Stellflächen auskommen. Das erfordert eine intensivere Nutzung der vorhandenen Stellflächen.

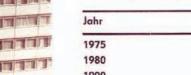
In Übereinstimmung mit den gesellschaftlichen Interessen ist bei der Parkraumplanung von folgender Ziel-

- Im Stadtzentrum volle Abdeckung des Stellplatzbedarfs für den Anwohner-, Besucher-, Einkaufs- und
- Beschränkungen in der Stellplatzbereitstellung für den Berufsverkehr; vorrangige Abwicklung mit dem Intensivere Flächennutzung durch stufenweise Einführung von steuernden verkehrsorganisatorischen Maß-
- nahmen Parkzeitregulierung, Parkleitsystem. Für das geplante System des ruhenden Verkehrs für das Stadtzentrum sind 3 Parkplatzringe auszuweisen:

1. Parkzeitrationierung im Stadtkern zur Sicherung des kurzparkenden Einkaufs- und Besucherverkehrs, 2. Auffangparkplätze für Langparker am Rande des Stadtzentrums,

3. "Parken und Pendeln" - Parkplätze an günstig zu den wichtigsten Zufahrtsstraßen zum Stadtzentrum gelegenen Stationen der Stadt- und Vorortbahn.

Die Differenz zwischen Bedarf und Angebot an Stellplätzen im Prognosezeitraum nach 1990 ist durch Auffangparkplätze sowie das "Parken und Pendeln"-System auszugleichen.



Bedarf Angebot 9 650 10 000 10 430 12 950 22 600 12 750 29 400 25 900

Entwicklung des Stellplatzbedarfs

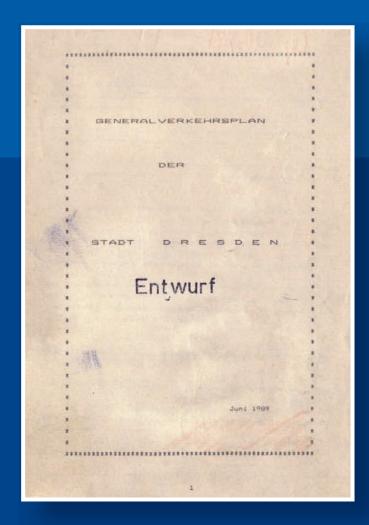
Die Stellplätze sind in der Prognose zu 60 Prozent in ebenerdigen und zu 40 Prozent in mehrgeschossiger Anlagen des ruhenden Verkehrs abzudecken

The extract from the publication concerning the General Transport Plan of 1977 sets the premise for how to deal with stationary traffic.

Parkplatz Dr.-Karl-Rüdrich-Straße

The 1980s

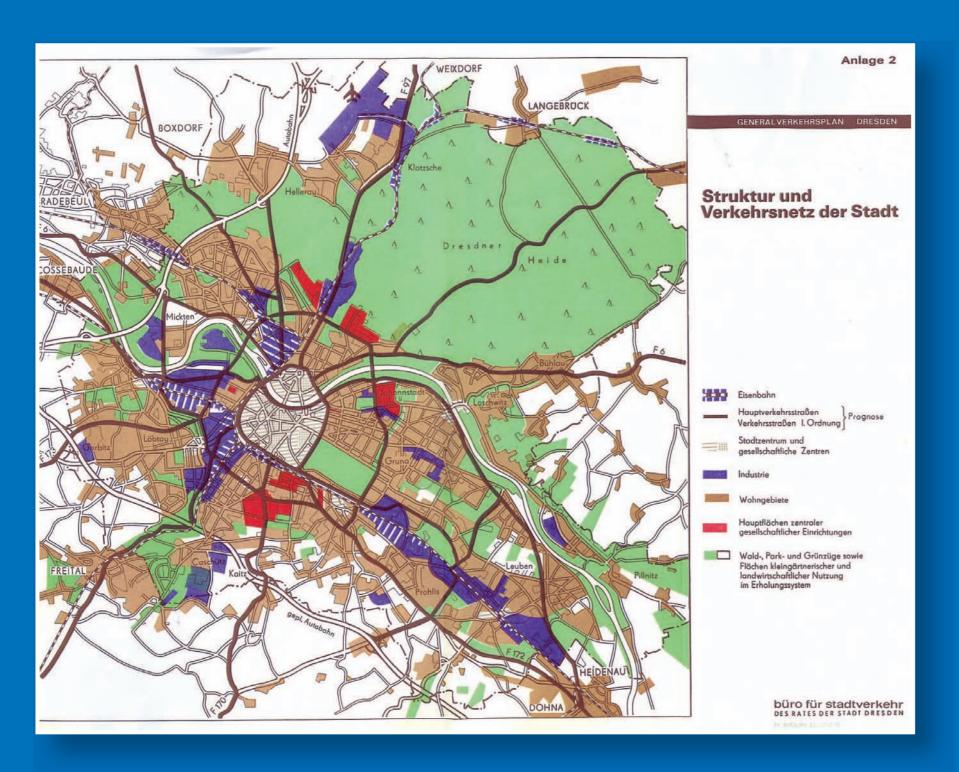
Urban Development and Traffic and Transport in the Spirit of the Eighties



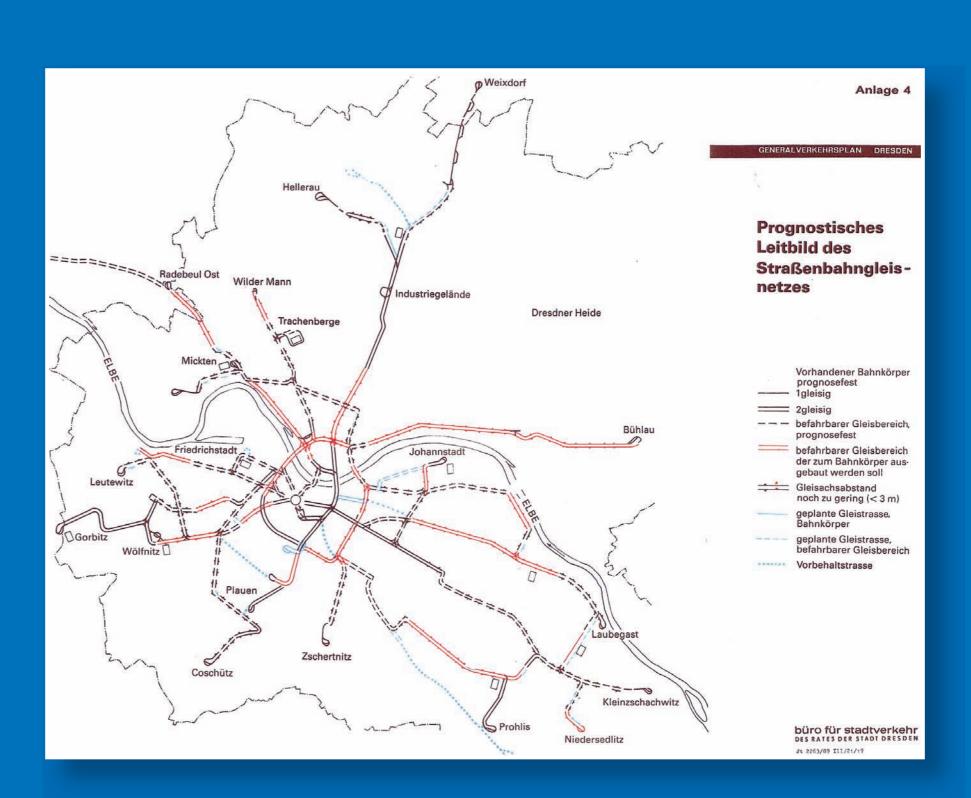
The transport conceptions of the eighties can, from today's point of view, be seen as a continuation of the fundamental approach laid down in the seventies. However, economic and political difficulties from the GDR system that were already evident in this decade caused the originally planned extensive transport and traffic solutions (many of which were to be on two levels) to sink into the background. To the fore came a cost saving upgrading of the existing networks, the transport organisation and the combination of the different means of transport to a complete functioning system. It is also obvious that traffic and transport specialists as well as local people took up different topics and discussed them in more depth.

More intensely deliberated at this time were bicycle traffic and the freedom of movement for disabled people.

The political change, without a doubt, casts its shadow, including over transport planning, even before the end of the eighties. The master plan of 1989, the finished draft of the traffic and transport conception which should have been the foundation for further development of the Dresden transport system in the nineties was made obsolete by the fall of the GDR and was never published.



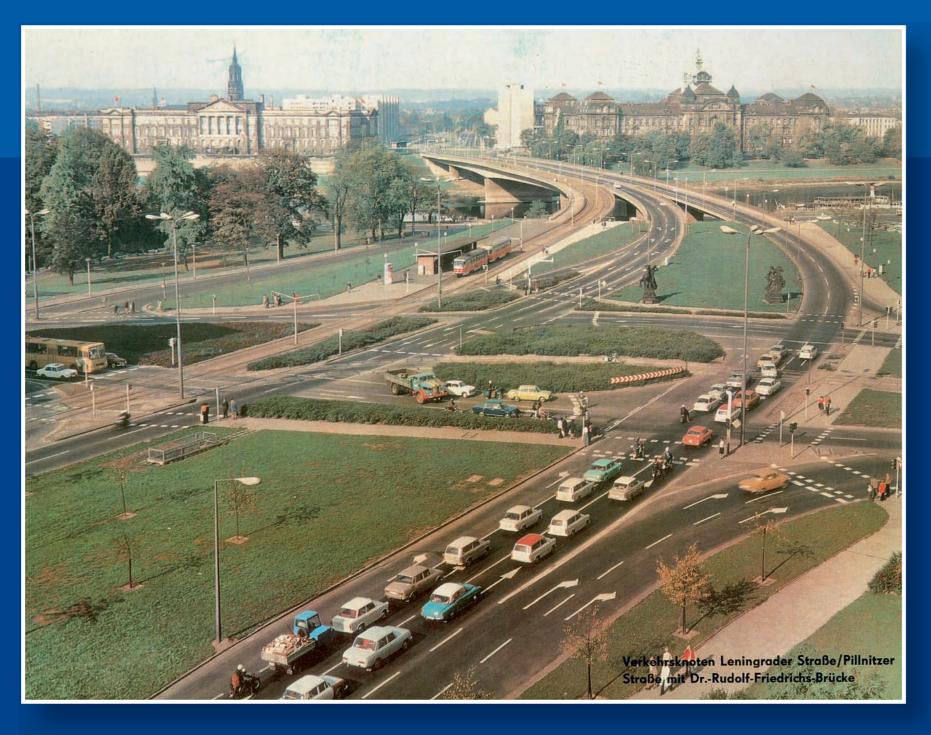
The future main road network of the city district of Dresden in the eighties. The retention of a ring-system (outer and inner ring) is visible.



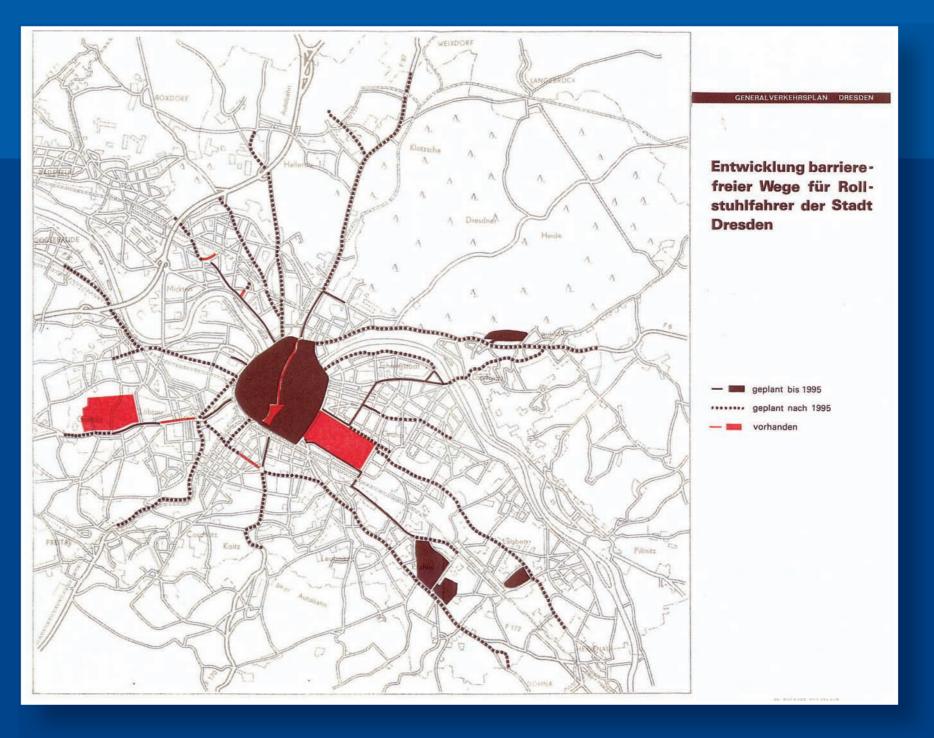
The concept for the local public transport was earmarked for substantial expansion plans, in particular in the area of rail-bound public transport. Trams lines are marked, for example, going to Johannstadt and as replacement for popular bus routes (including along Dohnaer Straße).

The 1980s

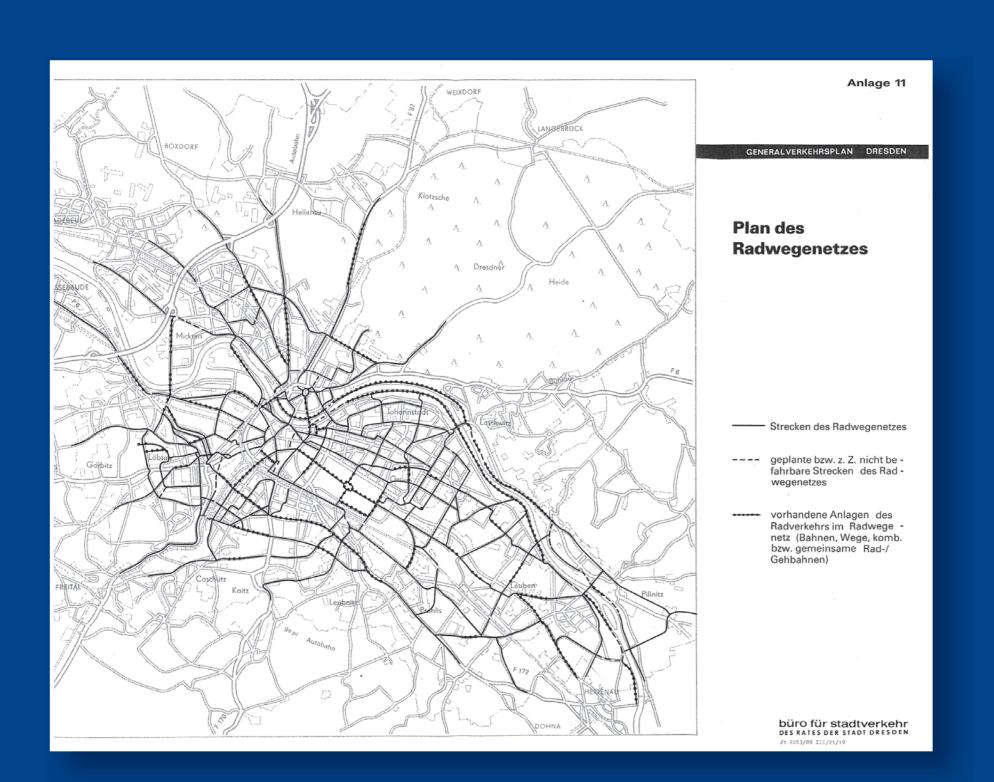
Sectoral Concepts of Traffic and Transport Planning



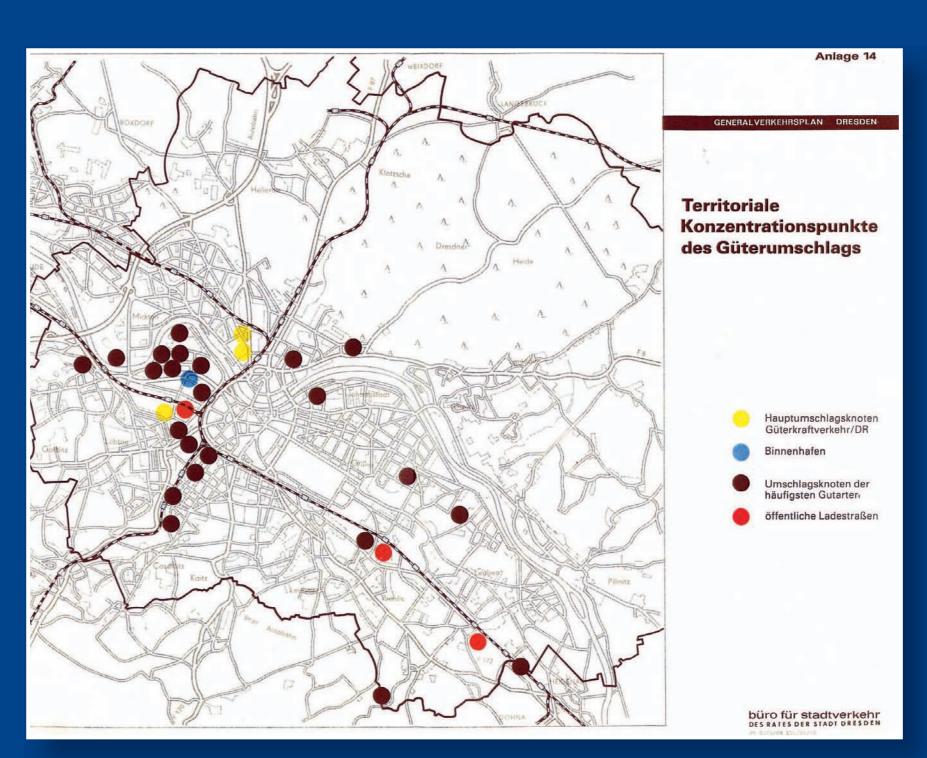
Traffic going over the bridge 'Carolabrücke' at end of the seventies/ beginning of the eighties as viewed from the South.



The needs of disabled people are not to be forgotten in the design of a transport infrastructure in modern transport planning. In the draft of the master plan for transport this topic played an important role.



The bicycle traffic also gained in importance in the 1989 version of the master plan for transport.

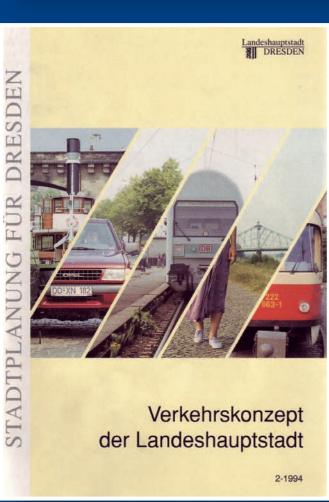


The 'Location of the concentration of the cargo handling points' can be seen in one way as a predecessor to today's Freight Villages. It is worth noting the concentration of the cargo handling points in Dresden-Friedrichstadt (Today: The location of the Freight Village 'Dresden-Friedrichstadt (GVZ)')

The 1990s

Traffic and Transport Concepts from the Nineties





The new start of the transport policy after the political change is marked by a democratic 'turn' unparalleled in the history of Germany to date. It was the time of the 'Round Tables' (also in transport planning), in which the citizens, including the scientists and specialists from all branches among them, took the destiny of the city into their own hands.

The first transport concept after the change, the so-called 'Leitbild für die Verkehrspolitik im Ballungsgebiet Dresden' (Overall concept for the transport policy in the conurbation of Dresden), was drawn up at such a 'round table talk' and stands for a new start, democracy and the will of the people. In the following years this was the basis for the creation of the Dresden Transport Concept which was passed in 1994 by the City Council (in those days still called: City Council Assembly).

Even the draft of the transport concept was published and discussed with the general public. Numerous events and dialogues accompanied the concept on its way to enactment.

Dem Leitbild zum Geleit

Das Spektrum der Meinungen der Bürger darüber, wie sie sich den Stadtverkehr vorstellen, ihn sich wünschen, ist weit gefächert. Es reicht von der absoluten Priorisierung des Privat-Pkw bis hin zur Forderung nach radikaler Beschränkung des Individual-Kfz-Verkehrs im In-

Hinter all diesen Vorstellungen stehen meist ganz spezielle Bedürfnisse, die man nicht von vornherein als kurzsichtig und unüberlegt abtun sollte, die man bedenken und ggf. berücksichtigen muß, wenn man sich mit Konzeptionen für die Entwicklung der Stadt befaßt. Um die Stadt als öffentliches Gemeinwesen lebensfähig zu erhalten, bedarf es eines hohen Maßes an Verantwortungsbewußtsein und Engagement bei Kommunalpolitikern und Fachleuten ebenso wie des aktiven Teilhabens der Bevölkerung an wichtigen Entscheidungsfin-

Fragen des Stadtverkehrs herausgelöst aus dem komplexen Zusammenhang der gesamtgesellschaftlichen und -städtischen Entwicklung beantworten zu wollen, würde unrealistische Zielvorstellungen regelrecht vorprogrammieren.

Es ist aus unserer Sicht als sehr vorteilhaft zu werten, daß die zeitweilige Arbeitsgruppe »Komplexe Stadtentwicklung« in die Erarbeitung des verkehrspolitischen Leitbildes für die nächsten ca. 15 Jahre einbezogen wurde. Angesichts der aktiven Mitarbeit von Bürgern und Fachleuten kann man berechtigt von einem ersten Schritt hin zu einer funktionierenden Demokratie auch auf dem Gebiet der Verkehrspolitik sprechen. Doch der Weg ist noch weit, dem ersten müssen noch viele weitere Schritte folgen. Mit Sicherheit werden auch Aussagen der vorliegenden Zielstellung im Lauf der Zeit zu modifizieren sein.

Wir sind der Überzeugung, daß das vorliegende Material wichtige Entwicklungskonzeptionen für einen Stadtverkehr in Dresden aufzeigt, dessen Charakteristik sich im Gleichklang mit der Bedeutung dieser Stadt als kulturelles, politisches und wirtschaftliches Zentrum befindet. Die angestrebte Qualität des Stadtverkehrs kann dazu beitragen, die Stadt attraktiv für Bürger und Gäste gleichermaßen zu machen.

Unsere besondere Anerkennung möchten wir den Mitarbeitern des Dresdner Büros für Stadtverkehr zollen, die für die Entwicklung des verkehrspolitischen Leitbildes in erster Linie verantwortlich zeichnen und sich der konstruktiven Mitarbeit der Untergruppe Verkehr gegenüber in keinem Augenblick verschlossen haben.

Mit dem vorliegenden verkehrspolitischen Leitbild wird den Abgeordneten, die nach den Kommunalwahlen in das Dresdner Stadtparlament einziehen und Verantwortung für unsere Stadt übernehmen werden, eine erste tragfähige und ausbaufähige Arbeitskonzeption für

Wir schlagen die Bestätigung des Leitbildes als Arbeitsmaterial des Dresdner Stadtparla Mögen die Kommunalpolitiker der Zukunft das Beste für eine Stadt Dresden erreichen, die

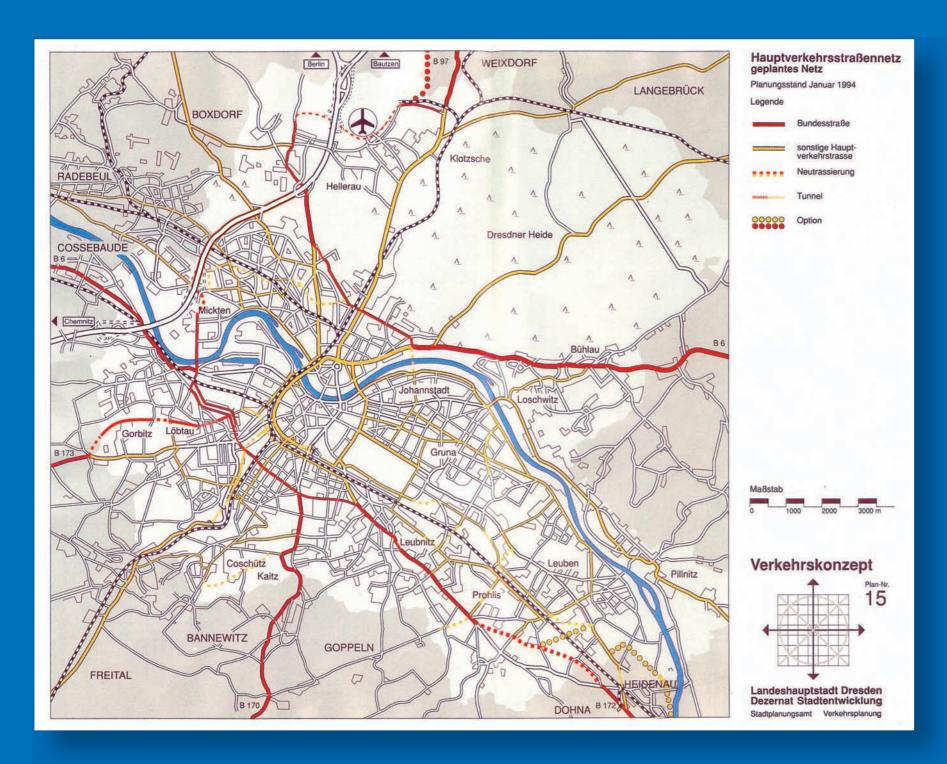
für die Menschen liebens- und lebenswert ist! Für die Untergruppe »Verkehr« innerhalb der zeitweiligen Arbeitsgruppe »Komplexe Stadtentwicklung«

Heinz-Michael Landes seitens der Sektion »Stadtentwicklung«

bei der Gruppe der 20

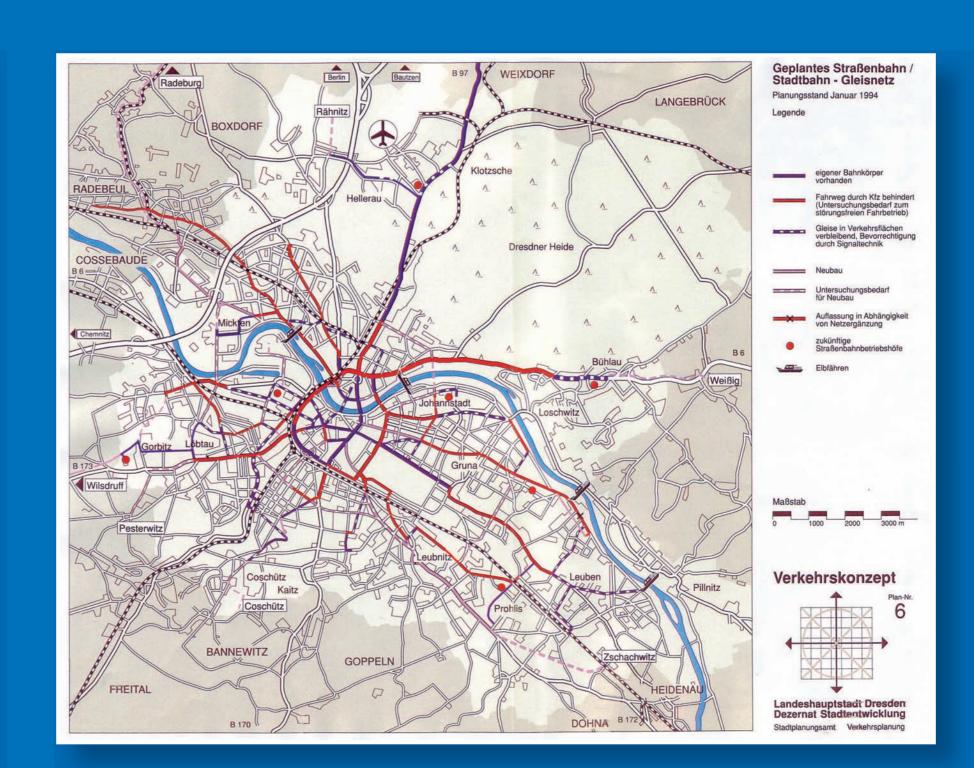
seitens der Vertreter der Dresdner Stadtverordnetenversammlung

The preface to the ,Overall concept for the transport policy in the conurbation of Dresden' speaks for itself. This inconspicuous material in its printed version became the seed for the transport concept of 1994. The 'Transport Policy Objective' which resulted from the 'Transport Round Table' – as you might call it from today's point of view – was integrated into the transport concept from 1994 and was refined in the course of the preceding discussions to become the '1994 Transport



The planned main road network from the 1994 transport concept which has meanwhile been continued in Dresden's Land Use Plan from 1998 and in the 'Integrated City Development Concept (INSEK) 2002.

- > Here the turn away from the ring system to a tangential system with branchlike connections, similar to the vision from the beginning of the 1950s can be seen.
- > The A 17 motorway running near the city was not part of the long-term planning of this traffic concept; here again the will of the people was the deciding factor (see public referendum) for the later inclusion of this important tangent for the long-distance traffic in the concept that was carried forward for the main road network.

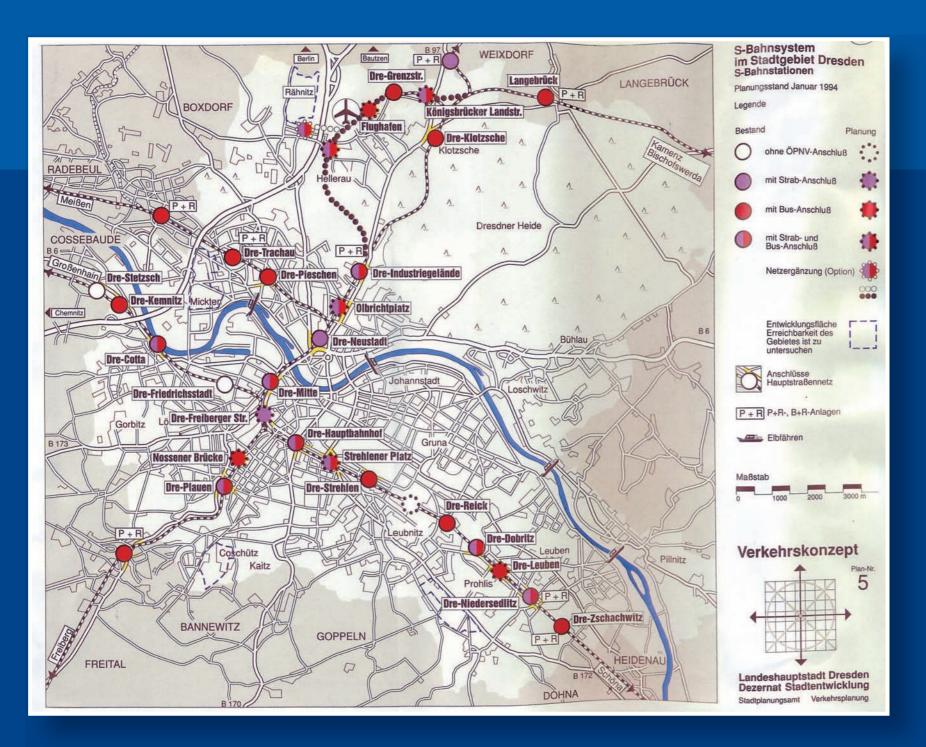


Concept'.

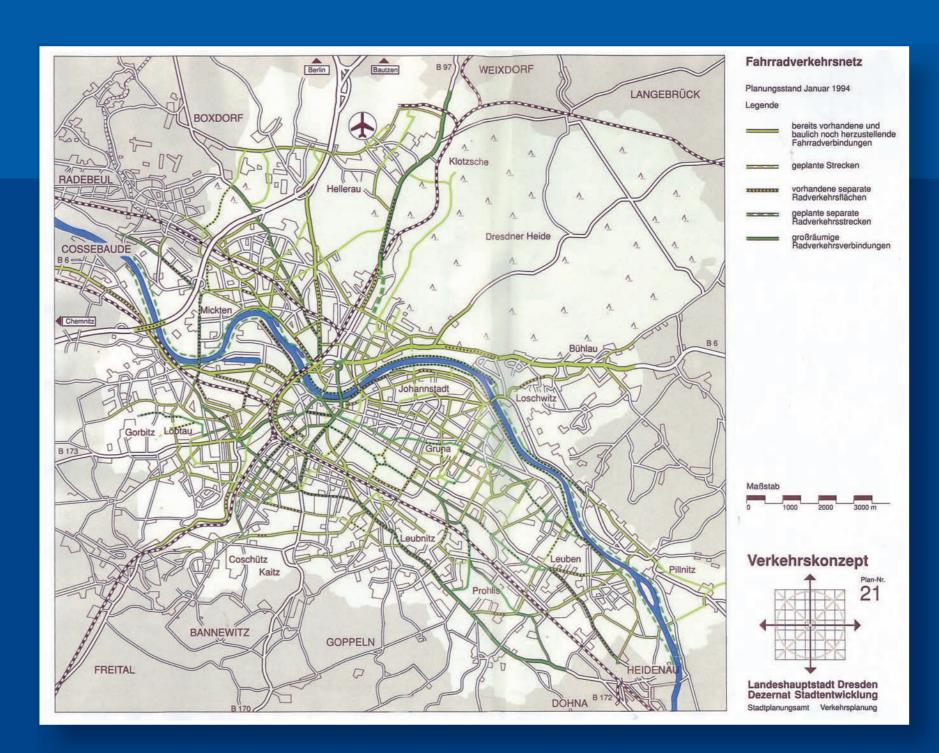
Planned Rail Network for the Local Public Transport from the Transport Concept of 1994 The expansion of the network of tram lines and its improvement as well as the acceleration of public transport by, for example, giving it priority over private transport are central topics of the 1994 transport concept.

The 1990s

Transport Networks - Reflection after their Implementation



Planned network of the interfaces in local public transport including new stations for the urban-suburban commuter railway.

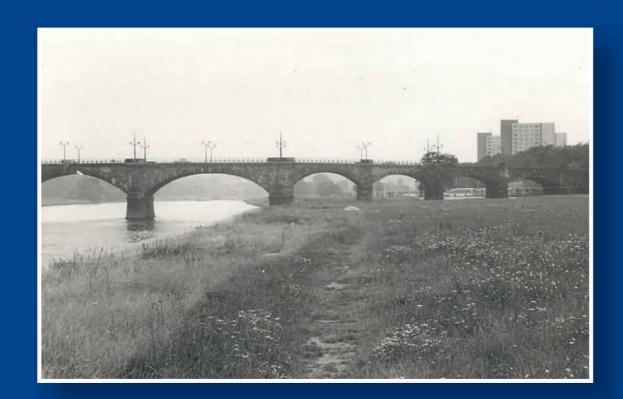


Planned cycle path network as presented in the transport concept from 1994.





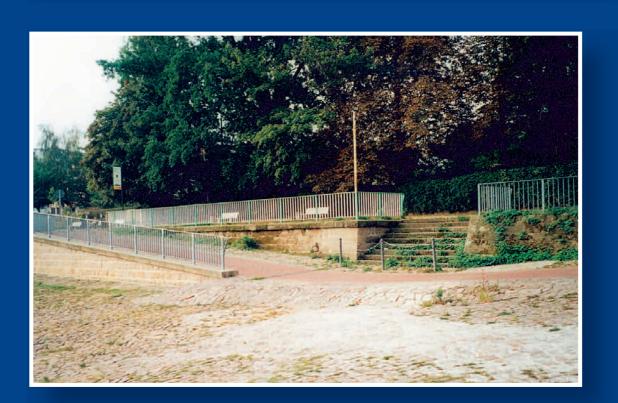
The Urban-suburban Commuter Railway Station 'Dresden Reick'
Above: The platform before reconstruction
Below: The whole complex with Park and Ride as well as Bike and Ride





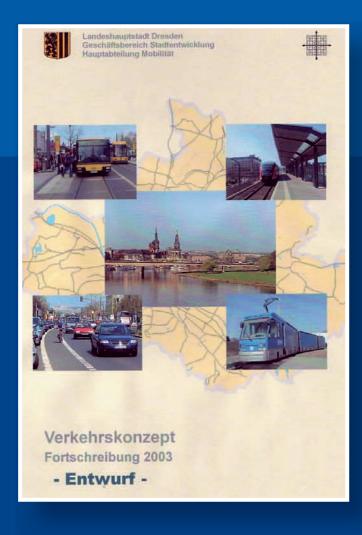
Elbe Cycle Path on the 'Altstadt' Side Looking East Above: Before construction Below: After construction





Elbe Cycle Path at Schillerplatz
Above: Before construction
Below: After construction

Transport Conceptions in the First Decade of the 21st Century



The Transport Concept of 1994 has been carried forward since it was passed in the year 1994. This means its continuation can be found in the Land Use Plan from 1998 (Plans 5.1 und 5.2) as well as in the 'Integrated City Development Concept (INSEK) 2002. Besides these, a row of sectoral concepts were developed and passed by the city council. Examples of such concepts include:

- The Park and Ride Concept
- The Concept of Coach Park and Guidance System

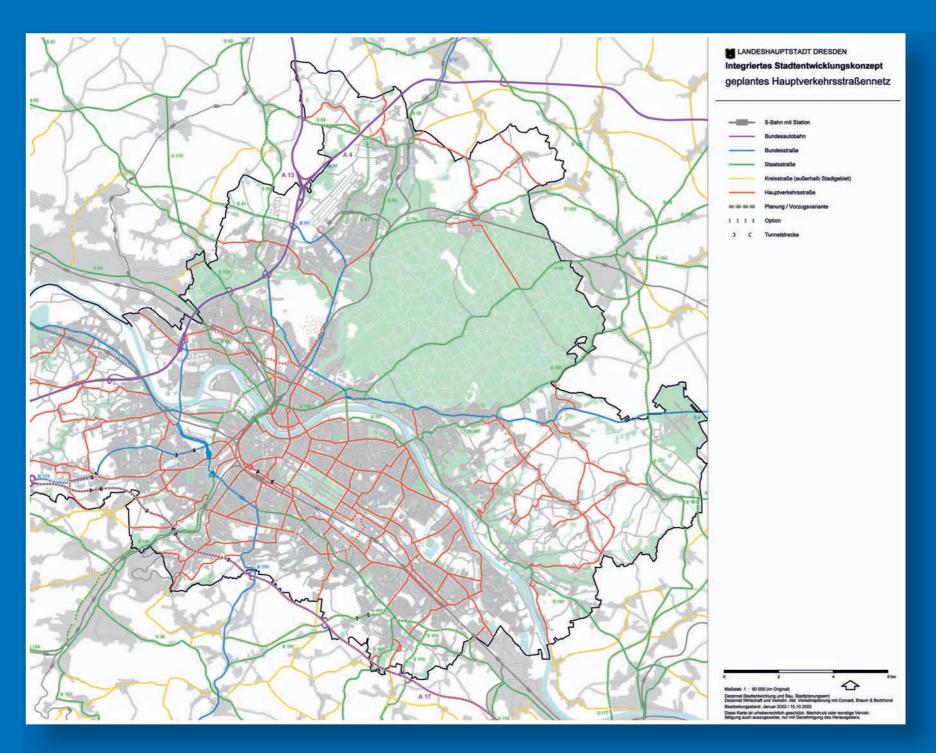
The updating of the Transport Concept from 1994 has been on the agenda since 2003 and it is being continued with the preparation of the Dresden Transport Development Plan, taking into consideration new conceptual formulations (E.g. Decisions made by the City Council about bicycle traffic or the 'Clean Air Plan').



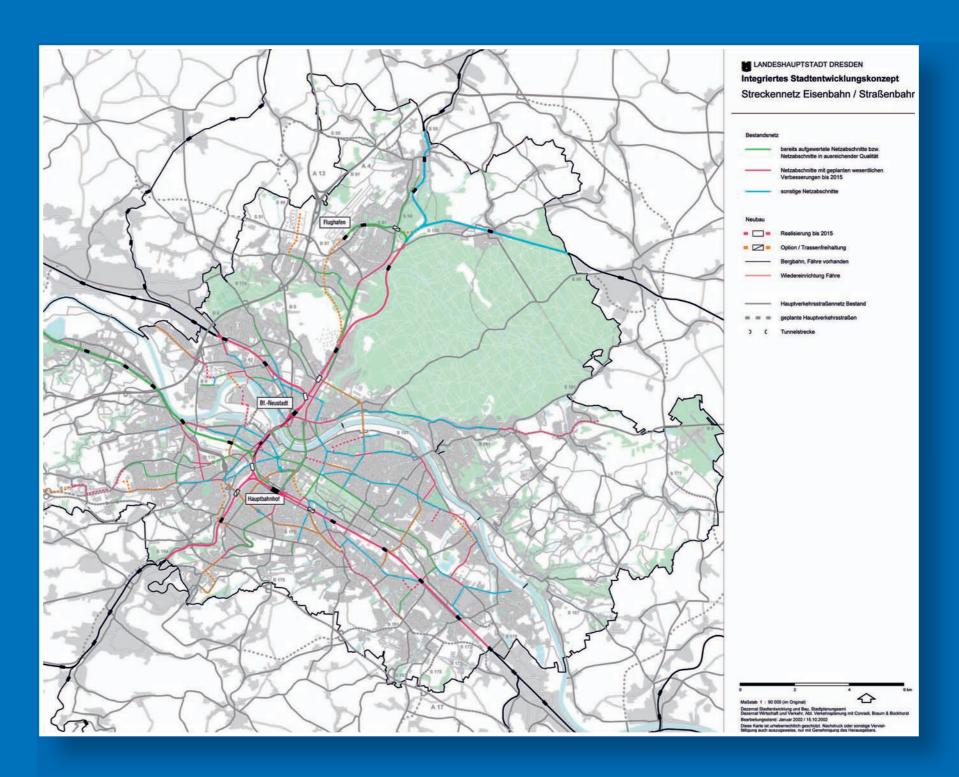
The Park and Ride Concept envisages bike parks at the stations. Here you can see the bike park for the train station at Klotzsche.



The Coach Park and Guidance System follows a decentralised systems of coach parks. Here is the coach park under the bridge 'Carolabrücke'.



The planned main road network in the Integrated City Development Concept 2002 has been adopted for the draft of the transport concept



The planned rail line network in the Integrated City Development Concept from 2002 has been adopted for the draft of the transport concept.

Dresden's Mobility Strategy





Innovation and Connection

Land Use and Transport Planning both have optimum accessibility as their objective.

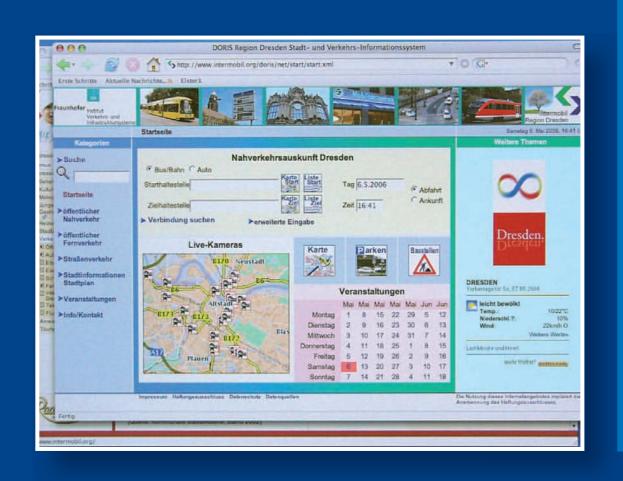
Today, though, transport mobility determines urban and suburban development. Extra traffic is created by this mobility orientated society which clashes with the aims of the mission statement and pushes the limits of the infrastructure network. Transport strategies must take into account this generated traffic and try to influence it 'before the journey takes place'. This demands a broader 'view of traffic' and a new range of measures.

The challenges for the development of the transport systems therefore show a trend which exceeds the conventional framework of previous transport planning and increasingly requires innovative shaping mechanisms.

The most important thing that should be considered is an efficient way of dealing with the existing transport infrastructure. During the development of such new shaping mechanisms for the traffic system, organisation and optimisation of mobility gain in importance.

The state capital, therefore, set its objective as: Not to cope with the traffic, but to shape mobility. The task is to ensure the mobility requirements of the citizens and the mobility demands of the economy in the long-term. This should not only be in the form of expanding the infrastructure, but increasingly innovative approaches in urban and transport development.

The Dresden Mobility Strategy puts forward proposals and approaches.



Mission Statement for Dresden

- Promotion of a sustainable development of Dresden as a European location
- Ensuring that the mobility requirements of the general public as well as the mobility demands of the economy are met
- Reduction of the unwanted consequences of traffic



Dresden received the 'CIVITAS-Award 2005' for sustainable traffic and transport politics which was handed over by Jacques Barrot



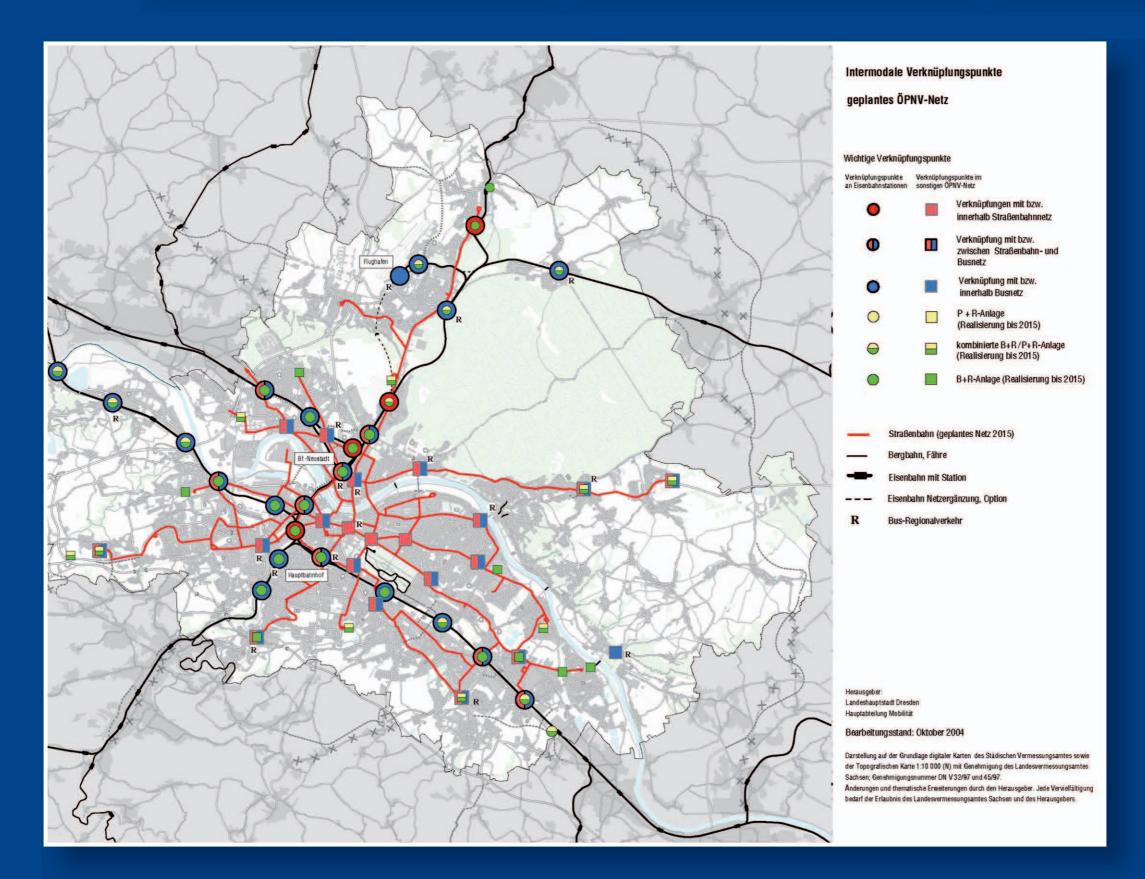
Round Table for Bicycle Traffic with the Lord Mayor, 14.03.2006

Dresden's Mobility Strategy

Urban
Development
and Transport

Transport Infrastructure

Transport Management Mobility Management



Planned local public transport network with international interfaces



Urban Development and Transport

- High quality of life in the city
- Location selection in the connection with transport development
- City centre development in preference to suburban development
- Creation of an urban ambient, city culture and accessibility

Traffic Infrastructure

- Limiting of new road traffic infrastructure construction / reduced infrastructure costs
- Relief for residential areas from the disturbing effects of road traffic
- Optimised accessibility to central venues of trade and commerce
- Networking of transport options by way of inter- and multi-modal interfaces
- Enhanced road safety



Mobility of the Dresden Inhabitants

Dresden's Mobility Strategy

Transport Management

- Supply orientated processing of the traffic
- Exploiting the potential capacity of the existing network
- Prioritisation of public transport and ensuring the flow of private motorised traffic
- Traffic Management
- Intelligent traffic control of flowing and stationary traffic based on up-to-theminute information of the traffic situation
- Operational transport information (Hindrances due to road works, where there are currently free parking spaces, alternative means of transport ...)
- Comprehensive information systems, CCTV

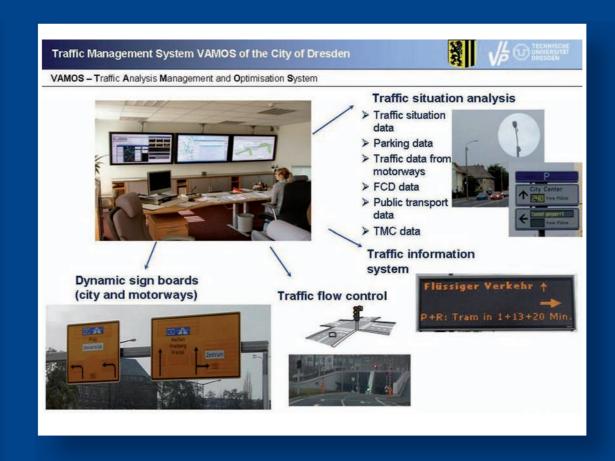




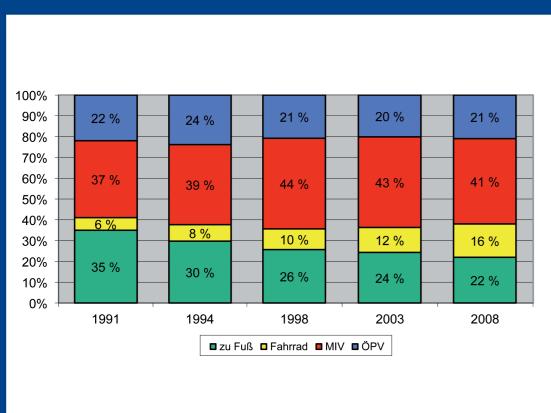
Timetable by text message: www.fahrplan-aufs-Handy.de

Mobility Behaviour of the Dresden Citizens

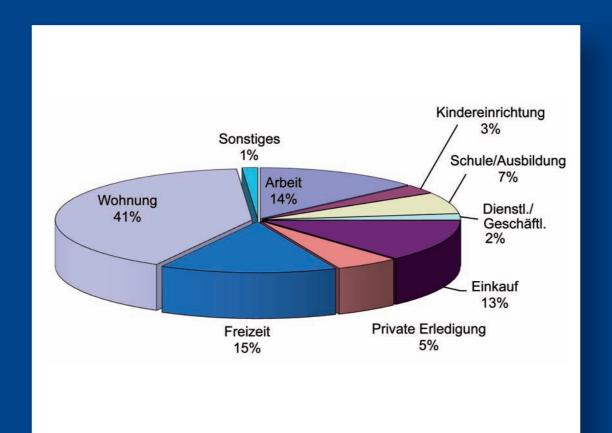
Journeys per person 3.1 journeys and day 22.2 minutes Length of journey Distance of journey 6.3 km 68 minutes Time spent in traffic per day 390 cars/ Car owners 1000 inhabitants 750 bicycles/ Bicycle owners 1000 inhabitants



Verkehrsmanagementzentrale VAMOS (Transport Management Centre)



Percentage of type of transport according to journey (modal split)



Reason for Journey



Mobility Advice



Bike Park at Infineon Nord 2006

Mobility Management

- Demand orientated influences on the choice of transport before the start of the journey
- Better access to environmentally friendly means of transport with the reduction of the unwanted consequences of private motorised traffic
- Improvement of information and communication systems
- Shape mobility, not cope with traffic