

expertise, research, investigation
consultation, planning, ,moderation
prognosis, modelling, calculation
data bases , project management
mobility management

Büro für Verkehrsökologie (BVÖ)



TRANSPORT ECOLOGY

"Traffic is the agglomerate resulting from transport processes. This can well be compared with the term 'immission' of the technical terminology of ecology; the state of immissions results from many spatiotemporally concurring emissions, the traffic situation results from a multitude of transport (or conveyance) processes in their spacial and temporal arrangement. Like the emission, the transport is caused by an acting, responsible person or organisation, only the general public can 'be liable' for the traffic as well as the immission; when it comes to facing both, not only the individual citizen, but in most cases also the authority in charge are helpless and powerless. (...) Both politics and planning have to have their starting point at emission and transport to get immission and traffic under control."

from: Jan Tebbe, "Was ist Verkehr? Möglichkeiten und Grenzen der Verkehrsplanung", rororo aktuell Bd. 14, Reinbeck bei Hamburg 1979

"Above all, Transport Ecology deals with the multitude, polymorphy and entanglement of factors of condition and effect which systematically underlie the observable events of traffic (transport of information, goods and passengers in spatiotemporal distribution resp. gathering). It tries to arrange and assess them. And here, new standards of assessment and orientation are introduced to the traditional domain of the Science of Transport, such as: the protection of the environment and resources, social compatibility, equality of opportunity, affirmation of shortages and conflicts,

national cost-value-ratio or organic speed.

Surveys on the determinants of the traffic amount, its composition and its distribution lead to such an amount of different factors which influence the complicated entity 'traffic', that it can be quickly recognised how complex the coherences are which traffic planning is integrated into and how manifold the concepts of solution have to be to cause effective, lasting structural changes. Keywords such as 'coordination of planning' and 'integrated planning' mark the necessity of a discussion – which now fortunately has been launched – in the context of which ways are looked for to redefine the traditional subject planning 'Traffic' in its function and in its relation to other subject planning.

Artificially exaggerated circulations of the necessity of mobility, (over-)motorisation and environmental damage can only be lowered to a tolerated degree on both ecological and social level in an interdisciplinary and cross-departmental way. The areas of politics which have to have an active share in the creation of a fertile breeding ground for the ecological redevelopment of the city traffic are those of economy, energy, culture, education, law, urban development, landscaping, spatial planning as well as taxation, budget and finances. Only once traffic moderation becomes a constant element in the minds of people on a wide range (meant are the minds of politicians, planners and traffic participants), the subject planning 'Traffic' will have a realistic chance to put its typical instruments and concepts of

measures at hand effectively into action. That is why today, concepts of Transport Ecology first of all carry the character of politics, drafts of programme or coordination and only in relatively few aspects lead to wanted engineers' planning at all."

from: Klaus Schäfer-Breede, "Mobilitätszwang zurückschrauben - Was können die Gemeinden für eine verkehrsökologische Planung tun?", der gemeinderat, issue 12/1986

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The Institute for Transport Ecology (Büro für Verkehrsökologie, BVÖ) was founded in 1984 by Klaus Schäfer-Breede and Jan Tebbe in Bremen as a **Gesellschaft Bürgerlichen Rechts**. Since Jan Tebbe died in 1985, Klaus Schäfer-Breede has been the Institute's sole partner and manager.

The Institute's name was chosen following the "Arbeitskreis Verkehrsökologie" ('Research Group Transport Ecology'), which existed for a short period of time in Bremen in the late 70's. This was before the term 'Transport Ecology', used by the ecology movement in the 80's, was circulated in Germany. Certainly, it was also the Institute's committed, national appearance which contributed to the term's circulation and the matters connected to it. Today, there are people and teams who explicitly deal with questions of transport ecology. A first professorship for 'Transport Ecology' has been established at a German university.

Finally, the increasing importance of transport ecology is also a reflex to the problems due to the unbowed development of motorisation, which are increasing everywhere and on all levels – within the old Federal States as well as the new ones. That is why more than ever before, the Institute for Transport Ecology links its work closer to the acute demand of 'alternative' planning and consultation.

Experience shows that the efficiency of political and administrative decisions along with an increasing complexity of

problems (and narrower means) can be increased and secured if independent consultants are called in. On the background of experiences from different areas of politics and planning as well as an independent scientific position, the Institute for Transport Ecology is able to contribute to the decision making process on different levels: national, regional and local policy as well social groups and lobbies.. The main emphasis of work is put on the point of intersection of the policies resp. the planning of the environment, urban development and transport. The members of staff – *social scientists, transport, town and spatial planners, architects, scientists* – understand their work mainly as 'components' of an interdisciplinary workshop of ideas. The Institute covers a wide range of topics and tasks, as is reflected in the following catalogue raisonné.

With the achievement of reports dealing with transport ecology which allow the discussion of goals, concepts and measures 'below' the level of the plan of transport development, the Institute has developed a specific style for the communal consultation, which is asked for by cities and communities in varying dimensions.

During the first half of the 90s, BVÖ's range of topics was extended by new points of emphasis: assessment of environmental effects, consultation and management of mobility as well as research and planning of transport in the field of leisure and tourism.

During the second half of the 90s, the following points of emphasis were developed: the development of data base and software, the issuing of road registers on the basis of area-wide surveys, digital maps and documentations, production of internet pages and digital maps, marketing and moderation, international cooperation projects.

This way, BVÖ has been and is increasingly integrated into projects and programmes supported by the EU since 1995 (e. g. Life / move, ZEUS, MOST, INTERCEPT, TARGET, CIVITAS / VIVALDI, VIKING, BUSTRIP, EUROCITIES). Partly, BVÖ acts in the position of the agents of single projects, partly it takes over the task of project management. Since 1998, one of BVÖ's main focus is set on the manifold commitment to the north European Joint Venture VIKING (continued as EASYWAY from 2007).

Within the scope of the "Advisory Assistance Programme for Environmental Protection in Central and Eastern Europe, the Caucasus and Central Asia" of the German Federal Ministry of the Environment, BVÖ has taken over the project coordination for a Joint Venture between the Hanseatic Cities Bremen and Riga (Latvia) dealing with public transport- and mobility planning.

In the general public the company is mainly perceived in the context of projects focusing on special target groups, among others: "Bremen's Offensive: The Natural Gas Vehicle" (evaluation and project monitoring of the des CNG support programme), "Maps

of the Truck Guidance System",
"Traffic Sign Register" (with
optimisation of the StVO-Traffic
signage), "Traveller information
Systems on the Internet"
(regional, national, international),
"Mobility Management (e.g.
Green Commuter Plans)",
General and detailed Planning of
"Environment zones (driving
permission according to emission
categories)" in the inner-city area,
the "Installation of Public Mobility
Stations" and Participation in the
"Clean Air planning".

BVÖ's range of performance,
which is presented in the
catalogue raisonné at hand,
clarifies the interdisciplinary
character of its work.

SERVICE OFFERING

BVÖ's range of action covers the following levels (project references for all key points given are at hand):

Methodical level:

- Reports
- (short) Expertises
- Research projects
- International studies
- Concept development
- Feasibility studies
- Potential analysis
- Statements, consultation
- Network planning
- Outline planning
- Evaluation, measurement of results
- Moderation
- Project management
- Costing, economic feasibility study
- Empirical inquiries
- Statistical analyses
- Model calculation (transport, calculation of emissions and immissions)
- Prognoses
- Traffic census'
- Traffic observation
- Surveys
 - Households
 - Road users
 - Policy maker
 - Multipliers
 - Experts
 - Businesses
 - Employees
- Data base construction
- Road and land registers
- Mapping
- Recommendations on planning, guidelines
- Manuals
- Documentations
- Public Relations
- Involvement of citizens
- Workshops of the future
- Conferences
- Speeches, Seminars
- Webdesign

Content level:

- Concepts for spacial or sectoral traffic redistribution
- (motor car) traffic moderation - settlement development and transport development
- Planning of transport development
- Expertise in terms of Transport Ecology
- Model calculations on traffic (all levels)
- UVP in road design
- Supporting the authorising agencies in the preparation of the scoping as well as passing opinions on application documents
- Immission expertise, planning of immission reduction
- Research on conditions of service for vehicles free or short of emissions
- Surveys on mobility
- Consulting service of mobility
- operational traffic planning
- Traffic concept for industrial areas
- Bike traffic planning
- Foot traffic planning
- Public Transport Planning
- surveys of acceptance, questionings of users, e.g. on ÖPNV facilities
- Concepts for the Environmental Network (Umweltverbund)
- Concepts for service of mobility and consulting service of mobility
- Park + Ride and Bike + Ride (stock valuation, demand analysis, concepts, planning)
- Flexible forms of public transport
- Use of Car-Sharing
- City logistics, Goods traffic
- Schedule design
- Operation concepts and economic feasibility concepts for corporation bus systems and passenger navigation

- Traffic moderation (concepts and single actions)
- Areas with a speed limit of 30km/h (Survey, Planning)
- Speed moderation on main roads and cross-town links
- Concepts of measures following § 45.1 StVO (Exceptions from rule)
- Verkehrskonflikttechnik und Unfallanalyse
- Verkehrssicherheit von Schulstandorten und Schulbushaltestellen (Konfliktanalyse, Situationsbewertung, Handlungskonzepte)
- Parking space surveys
- Concepts on parking management
- Securing of pedestrian areas against its wrong use
- concepts for Road-Pricing and public transport duties
- Guidance of streams of visitors
- Concepts for transport concerning leisure time and tourism
- Analyses of status in terms of health and transport
- Concepts and programmes for traffic related marketing (incl. citizen participation)
- Durchführung von Marketingkampagnen für Mobilitätsdienstleistungen
- Mapping (e. g. map on the Truck Routing System Bremen)
- Web-based transport information (northern Germany, northern Europe)
- Internet-based service of mobility (e.g. carsharing)
- State-of-the-Art telematics
- Management consultancy based on mobility
- Creation of Traffic Sign and Signposting registers

(For further details please refer to the catalogue raisonné and the Projekt-Index.)

CUSTOMERS

BVÖ acts for a variety of customers, ranging from the European Union, Federal authorities, local authorities and associations to private builders. Whereas at its beginning, BVÖ's main focus was on research and documentation, this has shifted ever since the late 80's towards communal consultation and, additionally, towards international cooperation projects since the 90's.

Customers up to now:

Inside of Bremen:

- Senator für Umwelt, Bau, Verkehr und Energie
- Senator für Inneres
- Senator für Wirtschaft
- Senator für Gesundheit
- Amt f. Straßen- u. Verkehr ASV
- Bauamt Bremen-Nord
- Bremer Hochbau Management/Bremer Bau Betrieb
- Bremer Entsorgungsbetriebe BEB
- Bremer Straßenbahn BSAG (5x)
- Der Umweltbeauftragte der Bremischen Evangelische Kirche (BEK)
- Bremen Business International
- Bremer Gesellschaft für Projektmanagement im Verkehrswegebau mbH (GPV)
- Ortsamt Vegesack
- BIA Bremer Innovations-Agentur
- Bremer Energie-Konsens GmbH
- Institut für Umweltrecht (IUR)
- Bremer Umweltberatung(BUB)
- ASTORIA Gastronomie- und Veranstaltungs GmbH, Bremen
- MITEC GmbH, Bremen
- Anwohnerinitiative Steending-Ausbau, Bremen
- Büro A - projekte, qualität, umwelt, Bremen
- Planungsgemeinschaft für Stadtökologie (ÖkoCept), Bremen
- ÖkoStadt e.V., Bremen
- Osterholzer Feldmark e.V.

- StadtAuto GmbH Bremen
- Mercedes Benz, Werk Bremen
- Hal Över Gesellschaft für innovative Stadttouristik mbH
- Schreiber Reederei GmbH&Co KG

Outside of Bremen:

- Umweltbundesamt, Berlin
- Europäische Kommission, verschiedene Generaldirektionen, u.a. GD XI, GD VII, GD TREN, CIVITAS-Initiative (zus. 49 Beauftragungen über Landesbehörden)
- Gemeinsame Landesplanung Bremen-Niedersachsen
- Ministerium für Wirtschaft, Arbeit und Verkehr Schleswig-Holstein
- Niedersächsische Ministerium für Wirtschaft und Verkehr
- Wirtschaftsministerium Mecklenburg-Vorpommern
- Behörde für Stadtentwicklung und Umwelt - Amt für Verkehr und Straßenwesen, Hamburg
- Deutsche Energie-Agentur
- Zweckverband Großraum Hannover
- ILS Institut für Landes- und Stadtentwicklungsforschung des Landes NRW
- BGW Berufsgenossenschaft für Gesundheitsdienste/Wohlfahrts-pflege
- DAK Deutsche Angestellten Krankenkasse, Hamburg
- TÜV Nord, Hamburg
- Ingenieurgruppe IVV Aachen
- IVU Gesellschaft für Informatik, Verkehrs- und Umweltplanung mbH, Berlin
- VIKING-Projektoffice (Stockholm)
- Danish Road Administration, Kopenhagen
- Finnish Road Administration, Helsinki
- Swedisch Road Administration, Solna
- Norwegian Public Road Administration, Oslo
- DGB Deutscher Gewerkschafts Bund
- Klima-Bündnis/Alianza del Clima
- ACE Auto Club Europa
- Eirokonsultants Ltd., Riga, (Lettland)
- Mouvement Ecologique, Luxembourg
- ITSisn Global Service AB, Falun (Schweden)
- BUND, Bonn
- VCD Verkehrsclub Deutschland e.V., Bonn
- Gewaltfreie Aktionsgemeinschaft für Natur und Umwelt e.V. Robin Wood, Bremen
- VCD-Kreisverband Rotenburg/W.
- Stadt Oslo, Agenda 21-Büro, (Norwegen)
- Stadt Schwerin
- Hansestadt Rostock
- Bezirksamt Hamburg-Bergedorf
- Gemeinde Stuhr
- Stadt Delmenhorst
- Gemeinde Lillienthal
- Stadt Berne
- Gemeinde Neuenkirchen
- Stadt Rotenburg (Wümme)
- Umweltberatungszentrum Rostock (UBZ)
- Bürgerinitiative Himmelsthür e.V., Hildesheim
- Anliegergemeinschaft Steinerstraße, Werl
- Bürgeraktion "Leben ohne Umgehungsstraße", Ritterhude
- Bürgerverein Boisheim e.V.
- Bürgerinitiative Bahnhofsallee, Oldenburg
- BUND-Kreisgruppe Göttingen
- Niekamp Seetouristik GmbH, Bremerhaven
- IBEKO GmbH Gesellschaft für Internationale Beratung und Handelskooperation, WTC Bremen

CUSTOMERS

In addition, a greater number of **expertises** and **consultations** carried out on behalf of council factions, parties und local authorities shows BVÖ's direct support for the work of 'opinion leaders'. This support takes place on the basis of an autonomous – politically independent – position. Expertises for council factions were worked out in the following communities:

Expertises for parliamentary factions:

- Bad Oeynhausen
- Bonn
- Bremen
- Bremerhaven
- Bruchhs.-Vilsen
- Flecken Ottersberg
- Herzberg/Harz
- Koblenz
- Landkreis Diepholz
- Lilienthal
- Osterholz-Scharmbeck
- Ritterhude
- Rotenburg/Wümme
- Soltau-Fallingbostal
- Stuhr
- Sulingen
- Syke
- Ulm

Management consultancy focused on mobility et al:

- Kraft-Jacobs-Suchard, Bremen
- Brauerei Becks & Co., Bremen
- DAK German Central Management
- SAP AG, Walldorf
- City Council Worms
- INA-Schaeffler KG, Herzogenaurach
- German Meteorological Service, Offenbach
- Clinical Centre Offenbach

- Hospital Rotes Kreuz, Bremen
- Shipping company TransOcean Tours, Bremen

CO-OPERATION PARTNER

Companies:

In the context of projects, BVÖ cooperated resp. cooperates with the following companies (selection):

- Ingenieurgruppe IVV-Aachen
- HARLOFF HENSEL Stadtplanung (HHS), Aachen
- Ingenieurbüro HELMERT/-Softwarekontor HELMERT HILKE, Aachen
- Institut für Angewandte Gewässerkunde und Landschaftsökologie (AGL), HB
- Institut für Umweltrecht (IUR), Bremen
- Institut für Toxikologie des Klinikums der Christian-Albrecht-Universität zu Kiel
- IVU-Gesellschaft für Informatik, Verkehrs- und Umweltplanung mbH, Berlin/Sexau
- Heusch-Boesefeldt, Hamburg
- Pöyry Infra GmbH, Hamburg
- TÜV Nord, Hamburg
- Gesellschaft für Landeskultur (GFL), Bremen/Verkehrs- und Regionalplanung GmbH, Lillienthal
- Planungsgruppe Vor Ort, HB
- Planungsgruppe Landschaft und Garten (PLG), Bremen
- ITF Research GmbH - Institut für Freizeit- und Tourismusforschung, Bremerhaven
- Hamburg Consult (HC)
- K. Hänel - Büro für Stadt-, Verkehrs- und Freizeitplanung, Berlin
- StadtAuto Bremen GmbH / Cambio Car-Sharing GmbH
- Planungsgemeinschaft Verkehr (PGV), Hannover
- Masuch und Olbrisch, HH
- Bürogemeinschaft für angewandte Geographie (BfaG), Bremen
- RavenworkS, Bremen
- vierplus Atelier für Öffentlichkeitsarbeit GmbH, Bremen

- Peppler/Vander Elst (Landschaftsarchitekten)
- Anwaltskanzlei Abel-Lorenz, Barth, Baumeister, Griem, Bremen
- BREPARK, Bremen
- Büro A, - projekte, qualität, umwelt, Bremen
- ECOLO, Bremen
- Marita Wetter Atelier für Grafik-Design
- West-Ost-Transfer-Agentur WOTA, Bremen
- IMINK, Riga (Lettland)
- Eirokonsultants, Riga (Lettland)
- Projektentwicklung und -beratung Andris Mamis, Berlin
- Columna AB, Borlänge (SE)
- Durbit AB, Falun (SE)
- ITSisn Global Service AB, Falun, (SE)
- Lufthansa Technik AG, Hamburg

Public and private organisations:

Contacts through cooperation with local authorities, which are of use in the context of projects et al:

(Excluding research establishments, Federal and Federal State authorities, public transport services, local authorities, communal and trade associations)

national

- SRL Vereinigung der Stadt-, Regional- und Landesplaner
- B.A.U.M. Bundesdeutscher Arbeitskreis für umweltbewußtes Management
- BUB Bundesverband Umweltberatung
- BUND Bund für Umwelt und Naturschutz Deutschland
- UVP-Zentrum Hamm
- VCD Verkehrsclub Deutschland,

- Gewaltfreie Aktionsgemeinschaft für Natur und Umwelt e.V. Robin Wood
- Arbeitskreis Verkehr und Umwelt UMKEHR
- ADFC Allgemeiner Deutscher Fahrradclub
- ACE Auto Club Europa
- ADAC Allgemeiner Deutscher Automobilclub (Zentrale München und Bereich Weser-Ems)
- ECSD European Car Sharing Deutschland
- ADM Arbeitsgemeinschaft Deutscher Mitfahrzentralen
- Citynetz Zentralverwaltung

international

- ICLEI The International Council of Environmental Initiatives (Europabüro Freiburg)
- RideSharingService im SCAG Southern California Association of Governments (ehem. CTS Commuters Transportation Services, Los Angeles)
- Arbeitsgruppe Commuting im Car Free Cities Network
- Umweltberatung Europa (Wien)
- ECF European Cyclist Federation (Bremen)
- ECS European Car Sharing
- VCS Verkehrsclub der Schweiz (Herzogenbuchsee)
- ENFB Echte Niederlandse Fietzersbond (Woerden)
- FGM Forschungsgesellschaft Mobilität (Graz)
- IG Velo (Basel)
- Taxistop (Gent)
- Teleways (Zürich)
- Agenda 21-Büro Oslo
- IBEKO GmbH Gesellschaft für Internationale Beratung und Handelskooperation, WTC Bremen
- Bremen Business International
- Klimabündis / Alianza del Clima
- Mouvement Écologique, Luxembourg

CO-OPERATION PARTNER

Since January 1996, there exists a particularly close cooperation with the company Daten Service Bremen, which has been proved in many joint projects (1996-2002 at BVÖ's location, from January 2003 onwards in new surroundings):

- **Daten Service Bremen** (Web programming and web design, databases, data organisation)
– some of the joint projects et al: projects no. [79], [85], [93], [95], [104], [106], [119], [121], [122], [123], [125], [136], [137], [138], [139], [147], [149], [150], [151], [155], [157], [158], [159], [167], [168], [171],[172], [173], [174], [175], [178], [179], [183], [184]

In 2007 BVÖ has opened its "City-branch" in the 3rd floor of the World Trade Center Bremen (Birkenstr. 15, 29195 Bremen, http://www.wtc-bremen.de/en/wtc_start), sharing this office with

- **BMOB - Beratung, Moderation Bewertung**, Markus Otten, Bremen www.bmob.de
- **GeoMatrix Bremen**, Ulrich Schewe www.geomatrix-bremen.de

With both partners the following projects have been carried out since 2002:

[127], [141], [152],[154], [165], [169], [178], [180]

As far as BVÖ's cooperation with colleagues, universities and institutes for further education (lectures, seminars and cooperation projects) is concerned, please refer to 'Further activities'.

CATALOGUE RAISONNÉ

Finished Projects:

[1] **1983/84** RD-Project: 'Determination and typing, qualitative assessment and documentation of exemplary solutions preferring environmentally sound traffic modes and means of transport within the close-up region', on behalf of the German Federal Environmental Agency (UBA)

[2] **1985/88** RD-Project: "Environmentally important effects of a possible introduction of a speed limit of 30 km/h ('Tempo 30') within the inner city area", on behalf of the German Federal Environmental Agency (UBA); report in three parts:

[2a] **Part 1:** Catalogue of measures 'Tempo limit 30' – description and analysis of 200 measures on speed moderation within the city (finished: July, 1988), series 'TEXTE' by the German Federal Environmental Agency (UBA) Nr. 23/90

[2b] **Part 2:** Case studies - A traffic model calculation with four cities as an example, in cooperation with HARLOFF HENSEL STADTPLANUNG, Aachen (finished: July, 1987), series 'TEXTE' by the German Federal Environmental Agency (UBA) Nr. 24/90

[2c] **Part 3:** Chances of service of small environmentally friendly vehicles in connection with 'Tempo limit 30' and traffic moderation, type catalogue and the questioning of experts (finished: November, 1987), series 'TEXTE' by the German Federal Environmental Agency (UBA) Nr. 25/90

[3] **1985** Brief expertise on a transport concept for the City of Herzberg/Harz, on behalf of the SPD Herzberg/Harz

[4] **1985** Brief consultation on the placement of a bike station at the station of Hannover, on behalf of the Communal Association of Greater Hannover

[5] **1985** Consultation on a concept for the running of a bike station at the station of Rosenheim, in the context of the model scheme "Bike-friendly City"

[6] **1986** Brief consultation "Concept of parking and the interests of the retail industry Steinerstrasse", on behalf of the community of adjacent owners Steinerstraße, Werl (NRW)

[7] **1986/87** Professional statement on target goals in terms of Transport Ecology, on behalf of the parliamentary faction Die GRÜNEN Bremen, composition of a leaflet

[8] **1987** Professional expertise on "Rail transport Bremen – Tram and railway", on behalf of the parliamentary faction Die GRÜNEN Bremen

[9] **1987** Brief consultation on the plans for a bypass (northern bypass) and possible alternative concepts for the guidance of traffic in the City of Syke, on behalf of the Council faction Die GRÜNEN in the City of Syke

[10] **1988** Professional statement on the transport masterplan of the community Stuhr, including suggestions for complementing surveys / planning, on behalf of the faction Die GRÜNEN in the district council of Stuhr

[11] **1988** Expertise on the topic 'Traffic as a partial aspect–

analysis and possible measures of action' within the context of the project 'Guidelines for the ecological city reconstruction – Bremen-Obervieland as an example', on behalf of ÖkoCept Bremen

[12] **1989/90** Construction of an Public Transport consultation/ service point at the Verkehrsclub Deutschland (VCD) e.V., on behalf of the national Head Office of VCD, supported by the German Federal Environmental Agency (UBA); cooperation: Heike Wohltmann (planning group Vor Ort). A report on the project is available: 'The PT consulting project – work report and documentation' ("Das ÖPNV-Beratungsprojekt - Arbeitsbericht und Dokumentation"), Bremen 1990

[13] **1989/90** Initiation and coordination of the joint campaign 'The Environmental Network in public transport' by authorities, institutions, associations and enterprises interested in an environmentally oriented Public Transport promotion. On behalf of the national Head Office of VCD, under the patronage of the German Federal Environmental Agency (UBA) (within this context, a leaflet was published; refer to 'Publications' No. [21]

[14] **1988/90** In charge of the project group working on the formulation of 'Principles for the guidance of bike traffic within the public space as an addition to the existing criteria of design for bike traffic installations' at the Senator für Bauwesen Bremen

[15] **1989/91** "Approaches and strategies for a programme for environmental relief by spacial and sectoral redistribution of

CATALOGUE RAISONNÉ

traffic within the City of Rotenburg – Suggestions for the planning of traffic development (Expertise in terms of Transport Ecology)", on behalf of the City of Rotenburg (Wümme)

[16] **1990** Formulation of the memorandum "Reversal to a livable City - Criteria for an alternative concept for city and transport development" ("Um/Verkehr zur wirtlichen Stadt - Maßstäbe für ein anderes Stadt- und Verkehrskonzept"), on behalf of the Environmental Officer of the Bremen Protestant Church (BEK)

[17] **1990** Expertise: "Components for an integrated planning of traffic development in Ulm", on behalf of the parliamentary faction SPD of the City Council of Ulm

[18] **1990** "Concept of location and real estate research for the placement of P+R facilities within the context of the PT-concept of 89", on behalf of the Bremer Straßenbahn AG

[19] **1991** Brief consultation on traffic planning in the City of Sulingen, on behalf of the parliamentary faction Die GRÜNEN Sulingen

[20] **1991** Concept of "Tempo limit 30 pilot Lübecker Str.", on behalf of the Environmental Agency of the City of Schwerin

[21] **1991** Concept of mobility and transport for the amusement centre / club ASTORIA in Bremen (main emphasis on a collecting-passenger-taxi, 'Discolinie', combined ticket, integration with the bus and tram transportation at night, improvement of car sharing, the infrastructure of bike traffic), on behalf of the builders ASTORIA Gastronomie- und Veranstaltungs GmbH

[22] **1990/91** Planning the realisation of the Ministries concept on the introduction of 30 km/h-zones (ZGB) within the borough of Bremen (32 areas) including the coordination with advisory councils and the authorities on behalf of the Road Traffic Authorities of the City of Bremen (continuation: please refer to [31], [43])

[23] **1992** Concept and design of how to secure the way to school as well as traffic calming within the context of the new settlement of a consumer market in Kabenstraße in the community of Neuenkirchen

[24] **1989/92** Transport Masterplan for the community of Lilienthal, in cooperation with the Gesellschaft für Landeskultur GmbH (GfL) Bremen

[25] **1990/92** "Planning, adjustment and analysis of 11 pilot projects supporting the promotion of bike traffic in Bremen - including preliminary survey and checkup", on behalf of the Senator für das Bauwesen Bremen

[26] **1991/92** "Concept of bike traffic for the community of Stuhr", in cooperation with the planning group Vor Ort, on behalf of the community of Stuhr

[27] **1991/92** "Possibilities and limits of (car) traffic moderation at the development of new urban areas of settlement - principles, recommendations of action and exemplary case studies as a suggestion for the planning", on behalf of the Senator für Umweltschutz und Stadtentwicklung Bremen

[28] **1991/92** "Possibilities and limits of (car) traffic moderation

within the target traffic of the City of Bremen – sketches of ideas, estimations, preliminary studies,, suggestions for survey and planning", on behalf of the Senator für Umweltschutz und Stadtentwicklung Bremen

[29] **1991/92** "On foot in Bremen – pre-study on the pedestrians' traffic and on walking in the city", on behalf of ÖkoStadt e.V. Bremen, with financial support by the Senator für Umweltschutz und Stadtentwicklung Bremen

[30] **1991/93** Expertise in terms of Transport Ecology for the Hanseatic City of Rostock, presented in two parts: "Commentary and suggestions of completion on the outline of the Integrated Transport Masterplan" and "Socio-scientific part of the analysis (questionings of opinion leaders and assessment of the planning-process)", on behalf of the Amt für Verkehrsanlagen of the City of Rostock

[31] **1992** Planning of the realisation of the Ministries concept on the introduction of 30 km/h-zones within the borough of Bremen – 2nd phase (please also refer to [22], [43])

[32] **1992/93** Concept of traffic for Hamburg-Bergedorf, on behalf of the Free and Hanseatic City of Hamburg, District Office Hamburg-Bergedorf

[33] **1992/93** Environmental impact assessment (UVS) for the 3rd and 4th construction stage of the 'Tangential road close to the city' ('Stadtnahe Tangente') Schwerin, in cooperation with AGL Bremen and the engineering company HELMERT Aachen, on behalf of the Environmental authority of the City of Schwerin

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(before it was upgraded to a federal road B104/106 as a voluntary communal assessment of environmental effects (UVP) including corridor survey, routing, model calculation of traffic, preliminary draft, assessment of alternative solutions, analyses of conflict and risk, overall assessment)

[34] **1993** Assessment of environmental effects (UVS) for the 'Middle City Ring' Schwerin, in cooperation with AGL Bremen and engineering company HELMERT Aachen, on behalf of the Umweltamt of the City of Schwerin

[35] **1993** Draft of a changed mode of traffic guidance and traffic moderation within the City Flecken Ottersberg, on behalf of the parliamentary faction DIE GRÜNEN of the Town Council of Ottersberg

[36] **1993** Draft of a concept of speed-up for the busses running on the number 70 in Bremen-Nord, on behalf of the PT work-group of the VCD regional office Bremen within the context of a work-order for the Bremer Straßenbahn AG (BSAG)

[37] **1993** Expertise in terms of Transport Ecology for the City of Delmenhorst, on behalf of the Baubehörde of the City of Delmenhorst

[38] **1993** Concept of the local traffic duty ("Nahverkehrsabgabe") within the borough of Bremen on the basis of an area-wide management of parking facilities, on behalf of the Senator für Umweltschutz und Stadtentwicklung Bremen

[39] **1993** Conceptualisation and preparing project management for

the setup of a consulting service of mobility and a carpool register in Bremen in cooperation with interested authorities, companies, associations and service providers, on behalf of StadtAuto Bremen GmbH with the financial support by the Senator für Wirtschaft, Mittelstand und Technologie Bremen

[40] **1993** Survey of mobility in selected regional and national head offices of the German health insurance for employees (DAK), on behalf of the national head offices of the BUND, Bonn

[41] **1993** Preparation as regards content and organisation as well as the realisation of the conference: "Mobility consultation as a service. USA – Germany: What can be transferred?" in Bremen on December 6th/7th, on behalf of a consortium of presenters; compilation of the conference's reader of the same name within the context of the series „Bremen's contributions to city development“ no. 5/94, Senator für Umweltschutz und Stadtentwicklung (Hg.), Bremen 1994

[42] **1992/94** Health and traffic in Bremen – Empirical research by means of selected districts, in cooperation with the Institute for Toxicology (Institut für Toxikologie) of the university hospital Kiel and IVU Berlin / Sexau, on behalf of the Gesundheitssenator Bremen

[43] **1993/94** Planning of the realisation of the Senate's concept on the introduction of 30 km/h-zones within the borough of Bremen – 3rd phase (please also refer to [22], [31])

[44] **1994** Statement on the draft of a law concerning the Public

Transport within the Land Bremen (BremÖPNVG), on behalf of the Environmental Officer of the Bremen Protestant Church (BEK)

[45] **1994** Survey of the aspects of road safety within the context of the environmental impacts assessment study (UVS) on the extension of the sewage treatment plant of Hettlingen, on behalf of the TÜV-Nord, Hamburg

[46] **1994** Preparation of the outline of a hearing of the responsible bodies on the new coverage of the sewage treatment plant Bremen-Seehausen (variants, preliminary draft and estimated costs), on behalf of the Bremer Entsorgungsbetriebe

[47] **1994** Expertise on the guidance of bike traffic within the context of the reconstruction of the Schutower Kreuz in connection with measures of noise control, on behalf of the Environmental Agency of the Hanseatic City of Rostock

[48] **1994** Analysis of potential and study of feasibility for the Weser-Bus (ÖPNV with quick catamarans on the river Weser), in cooperation with Hamburg Consult, on behalf of the Joint Regional Planning Bremen/Niedersachsen as well as Bremen's Umwelt- and Wirtschaftssenator

[49] **1994** Creation of a computer-based road register for the borough of Bremen, on the basis of an area-wide road inspection as the basis for the introduction of a street cleaning charge, on behalf of the Senator für Bauwesen Bremen

[50] **1994** Allocation of Bremen's road network to different levels of

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street cleaning (sort and quantity of cleaning) as a basis for the introduction of a street cleaning charge, on behalf of the Senator für Bauwesen Bremen

[51] **1995** Creation of the resource planning for the street cleaning, both automatic and manual, within the borough of Bremen, on behalf of the Bremer Entsorgungsbetriebe

[52] **1994/95** RD project 'Survey of the environmental relevance and the necessity of the environmental orientation of the standard body of rules, regulations and legislation (national, EC) with reference to traffic planning', in cooperation with the Institut für Umweltrecht (IUR) Bremen, on behalf of the German Federal Environmental Agency (UBA)

[53] **1995** Prognosis of pollutant dispersal within the context of the environmental impact assessment study (UVS) on the 4th construction stage of the Hafenrandstraße in Bremen, in cooperation with IVU Berlin / Sexau, on behalf of the Road Authority Bremen

[54] **1995** Provision of data for the calculation of the background and laminar immission for the prognosis on immission within the context of the environmental impact assessment study (UVS) on the A 281 (II. + V. implementation stage) as well as for the planning of a tunnel in Bremen-Hemelingen, on sub-order of IVU Berlin / Sexau

[55] **1995** Statement on the traffic coverage of a new residential area within the Flecken Ottersberg (development scheme no. 86), on behalf of the

parliamentary factions of the city council SPD and DIE GRÜNEN

[56] **1995** "Expertise on the conclusiveness of the justification of plan within the context of the planning approval procedure on the moving of the B1 in the north of Hildesheim (by-pass Hildesheim)", on behalf of BI Himmelsthür e.V.

[57] **1988/95** Assessment of the "Guidelines on the guidance of bike traffic within the public space in Bremen", on behalf of the Senator für das Bau, Verkehr und Stadtentwicklung Bremen, published as guidelines compulsory for authorities, 1995

[58] **1994/95** Assessment of "Guidelines for the legal environmental impact assessment of road building projects", on behalf of the UVP's control centre at the Senator für Frauen, Gesundheit, Jugend, Soziales und Umweltschutz Bremen

[59] **1995** Assessment of the brochure "Mobility planner" ("Mobilitätsplaner") within the context of the campaign 'It's healthier to slow down' ("Langsamer ist Gesünder"), on behalf of the national head office of the BUND and the DAK

[60] **1995** Concept on traffic related public relations of the City of Delmenhorst, on behalf of the Building Authority (Baubehörde) of the City of Delmenhorst

[61] **1995** "Mobility service under the direction of public transportation services – New customers and markets for the PT", on behalf of the Institut für Landes- und Stadtentwicklungsforschung of the Land NRW (ILS) (please refer to publication [V 33])

[62] **1995** "The Weser-North Sea-Shuttle within the traffic of leisure time and tourism of the region Unterweser - module 1: Maritime potentials of leisure time and tourism on the Weser. Motive and chances for a new shipping-company-network? Module 2: The conception of the Weser-North Sea-Shuttle as a cooperation project of the Joint Regional Planning Bremen / Niedersachsen", on behalf of the City of Bremen, the Joint Regional Planning Bremen / Niedersachsen as well as three local shipping companies

[63] **1995** Participation in the presentation 'Environmental technology in Bremen' at the industrial fair in Pune (India) Dec. 1-6, 1995, in cooperation with MITEC GmbH Bremen, Bremen Business International (BBI), Chamber of commerce Bremen and Senator für Häfen, über-regionalen Verkehr und Außenhandel, Bremen

[64] **1995/96** Continuation of the concept of bike traffic Stuhr, component: analysis of conflict and concept of measures for the improvement of road safety for children within the range of the location of schools and kindergardens in the community of Stuhr, on behalf of the Planning Office of the community Stuhr

[65] **1995/96** Conflict analysis and planning of the securing of 40 school bus stops within the community of Stuhr, on behalf of the Planning Office Stuhr

[66] **1995/96** Feasibility study: functional and urbanistic integrated securing of the pedestrian area against the misusage by motor vehicles in the

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seaside resort of Warnemünde, within the context of the continuation of the "Ecological concept of traffic for the seaside resort Warnemünde", on behalf of the Environmental Agency of the City of Rostock

[67] **1995/96** "Mobility management in business and administration - Documentation of exemplary examples in Germany", on behalf of the Verkehrsclub Deutschland VCD e.V., with financial support by the German Federal Environmental Agency (UBA) and the German Federal Environmental Ministry

[68] **1995/96** "Mobility consultation for businesses – market study on the need of consultation and service on the way to the 'Green Communter Plan', on behalf of the Verkehrsclub Deutschland VCD e.V., with financial support by the German Federal Environmental Agency (UBA) and the German Federal Environmental Ministry

[69] **1996** Statement on the comparison of the calculations of immission of the study "Health and Traffic" (see [42]) with the up-to-date test series by the Bremen Environmental Agency (Umweltbehörde) on air pollution due to traffic, on behalf of the environmental impact assessment's control centre of the Senator für Frauen, Gesundheit, Jugend, Soziales und Umweltschutz, Bremen

[70] **1996** Formulation of the action programme "Initiativ 21 - Bausteng fir eng aner Mobilitéit zu Letzebuerg", on behalf of Mouvement Ecologique, Luxembourg (please refer to publication [V 29])

[71] **1996/97** Design and realisation of a PR campaign on the introduction of a Sample ticket ("Schnupperticket") for the DELBUS/VBN at five major employers of the City of Delmenhorst, on behalf of the City of Delmenhorst

[72] **1997** Consultation on the calculation of emissions for planning cases on the closure of the net A30 - A20 in Bad Oeynhausen, on behalf of the Institute W. Siepen (environmental auditor)

[73] **1997** Expertise on the extension plans concerning the street "Am Steending" in Bremen-Nord, on behalf of the resident's initiative 'Steending-Ausbau'

[74] **1997** Expertise on the problematic traffic situation Nettetaler Straße in Viersen-Boisheim, on behalf of the Bürgerverein of Boisheim e.V.

[75] **1997** Brief expertise on approaches for the plan of public transportation, on behalf of the parliamentary faction Bündnis90/ Die Grünen of the County Council of Osterholz-Scharmbeck

[76] **1997** Realisation of the event 'What's going on with the commuter traffic – delights and frustration with new ideas for the operation and administration', within the context of the Days of Urban Ecology Bremen, June 1997

[77] **1997** Alternative conceptual design of planning for the eastern part of Bremen, on behalf of the parliamentary faction of the city council BÜNDNIS 90/ DIE GRÜNEN Bremen

[78] **1997** Expertise on the planning of the local bypass Ritterhude/Scharmbeckstotel (B

74) within the context of the regional planning procedure - aspects: PT-potential, examination of alternatives, comparison of other options, on behalf of the civil campaign 'Life without bypass', Ritterhude

[79] **1997** Creation of the road map on the Truck Routing System Bremen (on the scale of 1:20.000/ 1:10.000, published in size DIN A0, in three languages: German, English, Russian), including works of census and coordination as well as the coordination of offices as well as the creation of a road database with a register of the signposting related to commerce in Bremen (ACCESS-Database, digital photo database, net digitalisation 1:5.000 as GIS-System), on behalf of the Senator für Bau, Verkehr und Stadtentwicklung Bremen

[80] **1997** Traffic census and analysis for the eastern part of Bremen within the context of the project approval procedure for the Hemelinger Tunnel (traffic counting at intersections over the length of 6 hours), on behalf of the Bremer Gesellschaft für Projektmanagement im Verkehrswegebau GPV

[81] **1997** Project moderation and support in questions of planning of the realisation of the concept of the functional and urbanistic integrated securing of the pedestrian area within the seaside resort of Warnemünde; coordination of departments, meetings of residents, meetings of the advisory board, concept and brochure "*Fumis* A Pedestrian precinct with safety" (project following [66])

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[82] **1997** Traffic census (counting at intersections) on the planning of the industrial area Steindamm, on behalf of the Building Authority (Bauamt) Bremen-Nord

[83] **1995/98** Scientific attendance and design of a manual on conceptual design, service offers and marketing of the consultation on mobility in terms of rush-hour traffic within the context of the EU pilot project "Mobility association - Service for the employees' commuter traffic (*move*)", supported by means from the LIFE-programme of environmental protection of the European Union - GD XI; bilingual publication in 4 volumes as well as on CD-ROM and on the internet (<http://www.move-bremen.org>)

[84] **1998** Comparative survey of countries (5 European countries as well as California, USA) on the general framework of mobility management in terms of commuter traffic (as an additional component to the project "*move*" [83])

[85] **1998** Development of a new concept of service in the private sector "CarPoolService", a software for the industry-wide arrangement of car pooling and its management as well as a marketing campaign for the new service on offer, in cooperation with StadtAuto Bremen, RavenworkS (software), vierplus Atelier für Öffentlichkeitsarbeit (advertisement) and Taxiruf Bremen, developed from the project "*move*" [83], supported by the Senator für Bau und Umwelt as well as the Chamber of commerce

[86] **1998** Estimation of the amount of traffic caused by a possible settlement of the

Osterholzer Feldmark in connection with the planning of a new north-south communication road between Funkschneise and Osterholzer Heerstraße, expertise on behalf of the Osterholzer Feldmark e.V.

[86 a] **1997/98** Area-wide traffic census and analysis in connection with the introduction of a Truck Routing system within the City of Bremen as well as derivation of measures for the support of the concept (census' lasting 16 hours at 125 cross sections including the tracing of licence-plate numbers; census beforehand and afterwards (Nov. 1997/June 1998); in work cooperation with the Ingenieurgruppe IVV-Aachen, on behalf of the Senator für Bau und Umwelt Bremen

[87] **1999** International comparative survey of countries in 8 European countries on the general framework of the use of alternative energies within the traffic sector: "Horizontal Issue: Evaluation of National Incentives and Barriers effecting an environmentally friendly Mobility", within the context of the EU-Thermie-Project ZEUS

[88] **1999** Questioning of passengers on the comparison of types of dynamic display of schedules, user tests for Touch-Screen-Terminals, dynamic displays at stops and P+R stations as well as Internet-Info-Systems, within the context of the euro-regional EU-Project VIKING, on behalf of the Bremer Straßenbahn AG

[89] **1998/99** Representation of the Bremer Straßenbahn AG at the international coordination meeting of the VIKING-Project,

report for the EU, communication with the project partners, within the context of the euro-regional EU-Project VIKING, on behalf of the Bremer Straßenbahn AG

[90] **1999** Concept of traffic and estimation of the effects in terms of traffic for the new construction of the Rhodarium Bremen (greenhouses, activity centre, gastronomy), on behalf of the Bremer Bau Betrieb and the Senator für Bau und Umwelt, Bremen

[91] **1996/98** Estimation of the economic effects which could be induced by the modernisation of the passenger navigation on the Weser within the context of the development of new sorts of offers in the tourist sector, on behalf of the Gemeinsamen Landesplanung Bremen/Niedersachsen (project following [48], 62])

[92] **1998/99** Traffic concept for the industrial areas Wolser, Schelek I+II, Riedgen and Dudelage-Süd of the communities of Bettembourg and Dudelage in Luxembourg, model-module for the realisation of "Initiative21" (continuation of [70])

[93] **1998/99** Cycle-path checkup: Area-wide census of criteria of route planning and quality within the network of cycle paths within the context of the amendment of the StVO (Modification of the compulsory use of cycle paths), with digital photography, net digitalisation and database as a module for the existing road register (compare [79]), on behalf of the Road Traffic Authorities Bremen; published on the CD-ROM 'Road database Bremen 1999 – Cycle path register, truck direction, Truck Routing System,

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Road cleaning register' ("Straßen-datenbank Bremen 1999 - Rad-wegekataster, Lkw-Wegweisung, LKW Leitsystem, Straßenreini-gungskataster", Bremen 1999

[94] **1999** Project management for the sector "Traffic Management Services" of the euro-regional project VIKING, management of the "SACC Service Area Co-ordination Committee" with the participating countries Finland, Sweden, Norway, Denmark and the 5 Federal States of northern Germany Hamburg, Bremen, Lower Saxony, Schleswig-Hol-stein and Mecklenburg-Vorpom-ern; report to the European Commission, within the context of the euro-regional EU-project VIKING, on behalf of the Senator für Bau und Umwelt Bremen

[95] **1999** Realisation of a joint internet page "TTIS Travel and Transport Information Service for Northern Europe" for the VIKING-countries Finland, Sweden, Norway, Denmark, Northern Germany, (compare [94]), on behalf of the Senator für Bau und Umwelt Bremen (www.travel-and-transport.com)

[96] **1999** Project report "Range of products for facilities of the dynamic passenger information, assessment of pre-trip information media (information desk, webpages) and concept for a north German webpage on transport" as well as "Implementation of facilities of the dynamic passenger information in Bremen, Bremerhaven, and Hamburg"; reports to the European Commission, on behalf of the Senator für Bau und Umwelt Bremen (VIKING Phase 3, sectors 41.3/42.7) (continuation of [88])

[97] **1999/2000** Supplementary calculations of scenarios on the amount of traffic and the need of parking spaces within the context of the traffic concept for the Rhodarium Bremen, (continuation of [90]), on behalf of the Bremer Bau Betriebs and the Senator für Bau und Umwelt, Bremen

[98] **2000** Estimation of the future traffic load on the Bahnhofsallee in Oldenburg within the context of the planned building development, on behalf of citizen's group Bahnhofsallee

[99] **2000** Creation of the 2nd revised edition of the map on the Truck Routing System Bremen (on the basis of project no. [79]), including the coordination of agencies, in cooperation with the Cadastral Agency Bremen, on behalf of the Senator für Bau und Umwelt, Bremen

[100] **2000** Sign-posting for motor vehicles in the west of Bremen (Hafenrandstraße, Heer-straßenzug, Hansestraße / loader Freihafen): inventory analysis, conceptual design, formulation of operating plans, plans of direction for inventory change, coordination of agencies, on behalf of the Road Authority Bremen

[101] **2000** Counselling of the City of Oslo on operational mobili-ty management (Green Com-muter Plans"), on behalf of the City of Oslo

[102] **1999/2001** Development of two sub-projects within the context of the EU Interreg-project TARGET on the possibility to transfer the Carpool Ride-matching Software (compare [85]) on to other regions and other target groups as well as to open the access to service for the

general public (via Internet), in cooperation with the Senator für Bau und Umwelt Bremen as well as RavenworkS, Bremen", please refer to publication no. [44]

[103] **2000/01** Project manage-ment on the sector 'Information Services and Mobility Manage-ment' of the Euro-regional project VIKING - Phase 4 (2000/ 2001), (continuation of [94]), supervision of 32 projects in total, report to the EU and the organization of the "Service Area Coordination Committee" (SACC), on behalf of the Senator für Bau und Umwelt Bremen

[104] **2000/01** Maintenance and extension of the Northern European 'Traffic information service' on the Internet (www.travel-and-transport.com): preparation, realisation and evaluation of user tests, data maintenance, functional improve-ment, extension modules and installation of an international workgroup (continuation of [95]), on behalf of the Senator für Bau und Umwelt Bremen

[105] **2000/01** 'Inventory and first assessments of services related to mobility on the basis of mobile communications - Germany', contribution within the context of the VIKING-Workgroup 'Mobile Communication based Services', including the partici-pation in and the realisation of an international workshop in May 2001 in Stockholm, on behalf of the Senator für Bau und Umwelt Bremen (VIKING report A40:B)

[106] **2000/01** Preliminary study for the pilot scheme 'Traffic information' for Northern Germany on the Internet - Conception and study of feasibility, project of the 5 Federal

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States of Northern Germany, within the context of the euro-regional project VIKING, Phase 4 (2000/01), report of three volumes A41.2A-1, on behalf of the Building Authority Hamburg

[107] **2000/01** 'Pilot study Public Mobil Station (PMS)', preparation of a model test in the City of Bremen (legal opinion, requirements, functional concept, study of design and assessment of suitable locations, within the context of the euro-regional project VIKING, Phase 4 (2000/01), report A41.3(2), on behalf of the Senator für Bau und Umwelt Bremen

[108] **2000/01** Participation in the preparation of the Multi Annual Indicative Programms (MIP) of the European Commission (DG TREN), compilation of the work programme of Domain 4 (Traveller Information Services) for the euro-regional project VIKING for the years 2001-2006, on behalf of the Senator für Bau und Umwelt Bremen and the Building Authority Hamburg

[109] **2000/01** Workshop on / Moderation of the concept of traffic for Vegesack, preparation, realization and evaluation of a joint committee meeting with representatives of the local road initiative on January 10th, 2001 in the local administration of Vegesack, report of evaluation of February 2001, on behalf of the local administration of Bremen-Vegesack

[110] **2001** Peer Review for "INTERCEPT Deliverable 9: Exploitation Plan Report", (Annex 1), within the context of the EU-project INTERCEPT Intermodal Concepts in European Passenger Transport (TR 5004), on behalf of

the Senator für Bau und Umwelt, Bremen

[111] **2001** Basic data on the traffic of visitors of the Rhododendron Parks Bremen, secondary analysis as a preparation for planned questionings in connection with the introduction of measures on improved visitors' information and on mobility management, (Mid-term report / Implementation Progress and Monitoring and Evaluation - Cluster Site Development / Bremen Rhodarium / Rhododendron-Park), within the context of the EU project MOST, on behalf of the Senator für Bau und Umwelt, Bremen

[112] **2001/04** Initiation and preparation of the project ENJOY "Environmental Joint Venture for a better Mobility in the City of Riga (Latvia)", in cooperation with the West-Ost-Transfer-Agency WOTA Bremen, supported by the Bremer Innovations Agentur BIA

[113] **2002** Expertise on the possibilities of the acceleration of buses within the existent cross-section of streets at the Osterholzer Heerstrasse, Bremen, on behalf of the parliamentary faction B90/Die GRÜNEN of the Bremische Bürgerschaft

[114] **2002** Questioning of visitors at the Rhododendron Park Bremen, post-questioning on the analysis of effectiveness of measures of realization, within the context of the EU-project MOST (continuation of [111])

[115] **1993/2001** Quality inspection of project oriented documents within the context of the procedure of hearing and planning approval, preparation of and participation in the Scoping

and professional statements on project plannings on behalf of the coordinating office of the environmental impact assessment (UVP) on behalf of the Senator für Frauen, Gesundheit, Jugend Soziales und Umweltschutz Bremen. So far, the following projects have been inspected:

□ **1993** Extension Niedervie-lander Straße (estimation of the environmental relevance, creation of a survey framework)

□ **1993** Coverage of the industrial area on the premises of the former Carl-Schurz-Kaserne in Bremerhaven (Scoping, concept for traffic survey)

□ **1994, 1995** B 212n (Scoping, statement on UVS)

□ **1995** Hafenrandstraße: fourth phase of construction (Scoping, statement on UVS)

□ **1995, 1997** Extension of the B74 within the region Bremen-Nord (statements on the question of the analysis of air concentrations within the context of the conference of proposal as well as on the analysis of variants and a survey of environmental relevance)

□ **1996** Tramway 4 (statement on the analysis of variants)

□ **1996** 6-lanes extension of the A 27 (Scoping, statement on the traffic survey)

□ **1996, 1998, 1999** Industrial park Hansalinie at the A 281 (statements on the traffic survey and on the survey framework)

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| <ul style="list-style-type: none"> □ 1994, 1995, 1996, 1999, 2001 A 281 Fourth and fifth phase of construction (Scoping, statement on UVS, PFV) □ 1994, 1995, 1997 Hemelinger Tunnel (statements on traffic survey and UVS) □ 1997 Relocation of the B 71 in Bremerhaven (statement on the justification of plans on the basis of traffic surveys and UVS) □ 1997 Noise control A 27 (statement on records of planning approval) □ 1997 Local bypass Ritterhude/Scharmbeckstotel in the course of the B 74 (statement on the regional planning procedure) □ 1997, 1998 73rd alteration of the land utilisation plan "Hemelinger Tunnel" (statements on report according to § 6 UVPG, explanatory report and planning-UVP - drafts and concluding consultation) □ 1998 Communication road between North and South in between Funkschneise and Osterholzer Heerstraße - (framework of survey) □ 1998 Concept of development for the Space-Park in the Bremer Westen / Gröpelingen (framework of survey) □ 1998 Extension / new building of Georg-Bitter-Straße (framework of survey) □ 1998 Guidelines on the environmental impact assessment in the road planning "MUVS" - draft of the revised form October 1998 (statement within the | <p>context of the hearing of the Länder)</p> <p>[116] 2001/02 Project management for the sector "Traveller Information Services" of the euro-regional project VIKING, phase MIP2001, (continuation of [94], [103], [108]), supervision of 47 projects in total, reports to the EU and organisation of the "Service Area Coordination Committee" (SACC), on behalf of the Senator für Bau und Umwelt Bremen</p> <p>[117] 2001/02 Second level of project on the pilot scheme "Public Mobility Station" (PMS): observations of traffic at selected locations, initiation of contact with co-operation partners, technical design, initiation of an outline building application, material for public relations, legal concept (continuation of project [107], VIKING phase MIP2001)</p> <p>[118] 2001/02 Representing Germany at the "Work group Mobile Communication based Services", creation of medium-term scenarios and preparation of a second workshop, VIKING phase MIP2001 (continuation of project [105])</p> <p>[119] 2001/02 Second level of project on the pilot scheme www.verkehrsinfo-nord.de, main emphasis: detailed concept and estimation of costs (continuation of project [106], VIKING phase MIP2001)</p> <p>[120] 2001/02 Involvement in the expert group "European Internet Portals" at the European Commission and preparation of a workshop in April, 2002 in Bremen, within the context of VIKING phase MIP01</p> <p>[121] 2001/03 In charge of the workgroup "VIKING Internet</p> | <p>Service" within the context of VIKING phases MIP2001 and MIP2002, main emphasis: upgrade of the webpage www.travel-and-transport.com for the 2nd version, (continuation of [95], [104])</p> <p>[122] 2002/03 Preliminary study on the conception of a new information service for construction sites and redirections within Greater Bremen (Internet and other media), on behalf of the Road Authority Bremen, within the context of the euro-regional project VIKING (VIKING phase MIP2002)</p> <p>[123] 2002/03 Third level of project on the pilot scheme "Verkehrsinfo-Nord.de", main emphasis: Creation of a demo-version as an "Internet-Workplace" for the clearance between the Länder (continuation of [106] and [119], VIKING phase MIP 2002)</p> <p>[124] 2002/03 Representing Germany at the "Work group Mobile Communication based Services", participation in the preparation and realization of an international workshop in November, 2002 in Copenhagen on the basis of scenarios of development and expert interviews, (continuation of [105] and [118], VIKING phase MIP2002)</p> <p>[125] 2002/03 Third level of project on the pilot scheme "Public Mobility Station" (PMS): public relations, inquiry of construction, design and logo, choice of products for info-terminals, software development, concept of cooperation (continuation of project [107] and [117], VIKING phase MIP2002)</p> |
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[126] **2002/03** Project management for the sector "Traveller Information Services" of the euro-regional project VIKING, phase MIP2002, (continuation of [94], [103], [108] and [116]), supervision of 50 projects in total, reports to the EU and organization of the "Service Area Coordination Committee" (SACC), on behalf of the Senator für Bau und Umwelt Bremen

[127] **2003** Examination and creation of traffic regulations for bridge constructions and passages up to 4,5 m clearance in the community of Bremen, on behalf of the Amt für Straßen und Verkehr

[128] **2003** Creation of the tool kit on the climate alliance campaign aiming for more sustainability and efficiency by mobility management in enterprises at private and regional level "Clever mobil und Fit zur Arbeit", supported by the German Federal Environment Agency (UBA), on behalf of the Climate Alliance / Alianza del Clima e.V. (3 guidelines of operation and action, checklists, a variety of flyers and poster, CD-ROM with Environment-Costs-Calculator programme)

[129] **2003** Tour with lectures on operational mobility management within the context of the European Week of mobility (Europäische Woche der Mobilität) (September 16th-22nd, 2003) in Munich, Mainz and Stuttgart, on behalf of the ACE Auto Club Europa e.V.

[130] **2003** Realization of 10 initial business consultations for businesses and administrations as "Relevance inquiry on the mobility management" within the

context of the campaign "Clever mobile and fit to work", on behalf of the climate alliance / Alianza del Clima, with financial support by the Umweltbundesamt (on the basis of the materials, compiled within the context of project [128])

[131] **2002/2005** Scientific accompanying study on the support programme "Bremen's offensive – The Natural Gas Vehicle", surveys beforehand, in between and afterwards (questioning of potential consumer groups, car trade, commercial fleet operators, users of the supported CNG vehicles, logging of tanks of the supported vehicle fleet, evaluation regarding the energy consumption and emissions; project monitoring), on behalf of the Bremer Energie-Konsens GmbH

[133] **2001/2003** Development of a web version for the software 'CarPoolService' on the basis of project no. [85] and [102] as well as the development of a marketing concept (in-house development)

[134] **2001/03** Participation in the creation of the demo-version of the pan-European Internet portal (www.trafficeuroservice.com) - "ViaEuropa" – within the context of the expert group "European Internet Portals" at the European Commission and the realization of an international workshop in Bremen in April, 2002, (continuation of [120], VIKING phase MIP2002)

[135] **2003/04** Project management for the sector "Traveller Information Services" of the euro-regional project VIKING, phase MIP2003, (continuation of [94], [103], [108], [116] and [126]), supervision of 31 projects in total,

reports to the EU and organization of the "Service Area Coordination Committee" (SACC), on behalf of the Senator für Bau und Umwelt Bremen

[136] **2003/04** In charge of the workgroup "VIKING Internet Service" within the context of VIKING phase MIP2003, main emphasis: extension by new Tools (PT+ferries+routing), cooperation of other portals, marketing-concept, new operating concept), (continuation of [95], [104] and [121])

[137] **2003/04** Fourth level of project on the pilot scheme "Public Mobility Station" (PMS): Evaluation and professional attendance of the pilot operation at two locations, (continuation of project [107], [117] and [125], VIKING phase MIP2003)

[138] **2003/04** Specification of extensive traffic information services for Bremen (web presences of the ASV and the VMZ as well as the Traffic Portal Bremen), on behalf of the Road Authority Bremen, within the context of the euro-regional project VIKING (continuation and extension of project [122], VIKING phase MIP2003)

[139] **2003/04** Fourth level of project on the pilot scheme "Verkehrsinfo-Nord.de", main emphasis: realisation of a complete pilot-version including a decentrally manageable CMS-system, programme documentation, coordination between the Länder and beginning of user tests (continuation of [106], [119] and [123], VIKING phase MIP 2003)

[140] **2005/07** Project ENJOY (Joint Venture for a better mobility

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in the City of Riga, Latvia) financially supported by the "Advisory Assistance Programme for Environmental Protection in Central and Eastern Europe, the Caucasus and Central Asia" of the German Federal Ministry of the Environment, in cooperation with Eirokonsultants Ltd., Riga (continuation of [112])

[141] **2005/2006** Pilot project for the development of a review of the situation on terms of traffic signs and sign-posting in Bremen, setup of a database containing status-quo documentation and traffic-sign register, suggestions for the 'Clearing out the jungle of traffic signs', revision / new setup of operating plans; 1st level by means of two districts within Bremen (Huchting, Oberneuland) including approval procedure with the authorities; preparation of an area-wide work plan, on behalf of the Bremen Road Authority (ASV)

[143] **2004** Formulation of the model lecture "Clever Pendeln - Mobilitätsmanagement in Betrieben und Verwaltungen" as a means of training for the work of ACE and DGB works councils (PowerPoint-Format) including the collection of materials, on behalf of the ACE of the DGB, December, 2004

[144] **2003/04** Consulting attendance of the Road Authority within the process of the creation of ideas and structuring of traffic information services in Bremen in connection with the Traffic-Management-Centre and the renewal of the web presence of the ASV, on behalf of the ASV, Bremen

[145] **2004/05** Project management for the sector "Traveller Information Services" of the euro-

regional project VIKING, phase MIP2004, (continuation of [94], [103], [108], [116], [126] and [135]), supervision of 29 projects in total, reports to the EU and organization of the "Service Area Coordination Committee" (SACC), on behalf of the Senator für Bau und Umwelt Bremen

[146] **2004/05** In charge of the workgroup "VIKING Internet Service" within the context of VIKING phase MIP2004, main emphasis: Installation of Web-GIS-Tools, provision of maps, expansion in terms of content, new operating concept, (continuation of [95], [104], [121] and [136])

[147] **2004/05** German contribution to the update of the State-of-the-Art at the subject area "Mobile Communication based Services" at the workgroup of the same name of the euro-regional project VIKING, (continuation of [105], [118] and [124], VIKING phase MIP2004)

[148] **2004/05** Fifth level of project on the pilot scheme "Mobil Punkte" (Public Mobility Station/PMS): questioning of users and professional attendance of the pilot operation at two locations (continuation of project [107], [117], [125] and [137], VIKING phase MIP2004)

[149] **2004/05** Fifth level of project on the pilot scheme "Verkehrsinfo-Nord.de", main emphasis: improved user's statistics, on-line function of map editing, english version, barrier-free version, system architecture and study of feasibility for four new subject areas (continuation of [106], [119], [123] and [139], VIKING phase MIP 2004)

[151] see "Running projects"

[152] **2005** Creation of the sign-posting to the bike station at the Bremer Bahnhofsplatz (south) on eight inner-city routes, on behalf of the Amt für Straßen und Verkehr, Bremen

[153] **2005** Consultation on mobility for the shipping company "TransOcean Tours" in Bremen, financed by the Senator für Bau, Umwelt und Verkehr Bremen as a special award at a mobility competition for businesses in the summer of 2004

[154] see "Running projects"

[155] **2005/2006** Update and further development of the map on the Truck Routing System (3rd edition), including approval procedure with the authorities, and definition of an "Environmental zone" (published March 2006, in cooperation with GeoInformation Bremen) and conception of an online version (http://verkehrsinfo.bremen.de/lkw_verkehr.html?&L=1&locale=en), (in cooperation with Neonaut, Braunschweig), on behalf of the Senator für Bau, Umwelt und Verkehr, Bremen (basing on projects [79] and [99])

[156] **2005/06** Project management for the domain 'Traveller Information Services' of the euro-regional project VIKING, Phase MIP2005, (continuation of [94], [103], [108], [116], [126], [135] and [146]), supervision of 27 projects in total, reporting to the EU and the organisation of the "Service Area Coordination Committee" (SACC), on behalf of the Senator für Bau und Umwelt Bremen

[157] **2005/06** Direction of the workgroup "VIKING Internet

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Service" within the context of VIKING, Phase MIP2005, point of emphasis: improvement of the Web-GIS-Tool, extensions on the content level, new concept of operation, (continuation of [95], [104], [121], [136] and [147])

[158] **2005/06** Sixth level of project on the pilot scheme Public Mobility Station/ PMS: Planning / preparation of new locations, setup of a guideline of action for the routine realisation (continuation of project [107], [117], [125], [137] and [149], VIKING Phase MIP2005)

[159] **2005/06** Sixth level of project on the pilot scheme 'Verkehrsinfo-Nord.de', point of emphasis: dynamic data of the traffic situation, long-distance-corridors, multi-modal traffic information (continuation of [106], [119], [123], [139] and [150], VIKING Phase MIP 2005)

[160] **2006** Traffic counting at two complex intersections in Bremen and Niedersachsen, on behalf of the Ingenieurgruppe IVV Aachen

[161] **2006** Participation in the Jury of the European Mobility Award in Brussels, within the scope of the EU-Project EUROCITIES, Hinrich Kählert

[162] **2006** Contribution to the Peer Review within the scope of the EU-Project BUSTRIP, focused on Kaunas (Litauen), Hinrich Kählert

[163] **2006** Organisational preparation of the 48th PMB-Meeting in Bremen (VIKING Projekt Management Board), September 2006

[164] **2006** Conception, confirmation and realisation of a

digital mapping system for Northern Europe basing on GIS and conversion of the maps into a format that allows usage within graphic programmes and production of a WebGIS-version on the Internet, produced for the northern Europe partners of the EU-project VIKING, in cooperation with Daten Service Bremen ("VIKING area maps - Masterfile based on EGM map data (EuroGlobalMaps)", June 2006)

[165] **2006** Second phase of the development and installation of a Traffic Sign Register in the context of the optimisation of the StVO-Traffic signage including approval procedure with the authorities, Bremen districts Neustadt und Vegesack, on behalf of the Amt für Straßen und Verkehr (continuation of [141])

[166] **2006/07** Project management for the domain "Traveller Information Services" of the Euro-regional Project VIKING, Phase MIP2006, (continuation of [94], [103], [108], [116], [126], [135], [146] und [156]), supervision of 27 projects in total, reporting to the EU and the organisation of the "Service Area Coordination Committee" (SACC), on behalf of the Senator für Bau und Umwelt Bremen

[167] **2006** Direction of the workgroup "VIKING Internet Service" within the context of VIKING, Phase MIP2006, emphasis: Evaluation and confirmation of the need of redesign, conception for modernisation, new provider concept, (continuation of [95], [104], [121], [136], [147] und [157])

[168] **2006/07** Seventh level of project on the pilot scheme 'Ver-

kehrsinfo-Nord.de', point of emphasis: dynamic data of the traffic situation, long-distance-corridors, multi-modal traffic information (continuation of [106], [119], [123], [139], [150] und [159], VIKING Phase MIP 2006)

[169] **2007/09** Conception, realization and cadastral documentation of the traffic-signage for the new "Environment zone" (driving permission according to emission categories) in the inner-city area of Bremen, including approval procedure with the authorities for the traffic-signage and the area-wide sign-posting system, production of a cadastre and planning system based on geo-coded information, tender procedure and documentation of documentation of the implemented measures, on behalf of the Amt für Straßen und Verkehr, Bremen

[170] **2007/08** Project management for the domain "Traveller Information Services" of the Euro-regional Project VIKING, transition period in preparation of the EU-Programme EASYWAY (continuation of [94], [103], [108], [116], [126], [135], [146], [156] und [166]), supervision of 34 projects in total, reporting to the EU and the organisation of the "Service Area Coordination Committee" (SACC), on behalf of the Senator für Umwelt, Bau, Verkehr und Europa Bremen

[171] **2007/08** Direction of the work group "VIKING Internet Service" within the context of the EASYWAY project phase "2007/2008", (continuation of [95], [104], [121], [136], [147], [157] und [167])

[174] **2008** Pre-study on further development of the Northern

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German Traffic Information Portal "Verkehrsinfo-Nord.de", (continuation of [106], [119], [123], [139], [150], [159] und [168], VIKING phase MIP 2006)

[175] **2008** "Pre-study on Connectivity of European Traveller and Traffic Information Portals (customized, structured integration of traffic information from adjacent countries/regions to existing Internet portals)", on behalf of the Senator für Umwelt, Bau, Verkehr und Europa, Bremen

[176] **2008** Project management for the domain "Traveller Information Services" of the Euro-regional Project VIKING, first year within the EASYWAY programme (continuation of [94], [103], [108], [116], [126], [135], [146], [156], [166]) und [170], supervision of 29 projects in total, reporting to the EU and the organisation of the "Service Area Coordination Committee" (SACC), on behalf of the Senator für Umwelt, Bau, Verkehr und Europa Bremen

[177] **2008** Moderation of the workgroup "Transport" within the process of preparation of the Bremen Action Programm for Climate Protection 2010, basing on a workshop hold at September 15, 2008 (on behalf of BüroA, Bremen) and continuation of the workgroup for the purpose of developing a list of proposals

[180] **2008** Production of a data base for the identification of addresses located in the "Environment Zone" in the format of an Internet application supporting the Bremen Call-Centers (www.bvoe-bremen.de/strassenliste-umweltzone), on behalf of the

Amt für Straßen und Verkehr, Bremen

Running projects:

[151] **since 2004** Mandate for "Operation, attendance and maintenance of the joint Internet service of the five Federal States of northern Germany www.verkehrsinfo-nord.de in public trial operation" (until summer 2010), on behalf of the five Federal States (HH, HB, MV, SH, MV)

[155] **since 2004** Supporting the department of immission control by designing of the clean air plan and drafting action plans within the context of the clean air planning of the City of Bremen, and technical support for the Internet presentation of data, planning documents and discussions in the context of the noise reduction activities (www.bvoe-bremen.de/laermdaten), on behalf of the Senator für Umwelt, Bau, Verkehr und Europa, Bremen

[178] **seit 2009** Conception, programming, confirmation and hosting of a new website for the EASYWAY-VIKING project (www.ew-viking.com), on behalf of the VIKING project office, Stockholm

[179] **seit 2008** Preparation of a viability study on "Connecting European Traffic Information Internet Portals" within the scope of the European Study 1 "Europe-wide Traveller Information continuity and Co-modality", EASYWAY project, basing on [175] and [183]

[181] **seit 2008** Coordination of a new network for mobility

management in the region Bremen/Bremerhaven within the scope of the German National Action Programm "effizient mobil" on behalf of the Deutsche Energie-Agentur (dena), Berlin (see www.effizient-mobil.de/index.php?id=bremen)

[182] **seit 2009** Project management for the domain "Traveller Information Services" of the Euro-regional Project VIKING, second year within the EASYWAY programme, (continuation of [94], [103], [108], [116], [126], [135], [146], [156], [166]), [170] and [173], supervision of 25 projects in total, reporting to the EU and the organisation of the "Service Area Coordination Committee" (SACC), on behalf of the Senator für Umwelt, Bau, Verkehr und Europa Bremen

[183] **seit 2009** Direction of the work group "VIKING Internet Service", EASYWAY project phase "2008", development of a pilot for "Connecting Traveller and Traffic Information Portals" basing on mash-up technology, and further maintenance of the existing VIKING Internet service TTIS, (continuation of [95], [104], [121], [136], [147], [157], [167], and [171])

[184] **seit 2009** Relaunch of the Northern German Traffic Information Service "Verkehrsinfo-Nord.de" (programming, design, renewing of the map basis, development of a toolkit for easy handling of mash-ups on Google maps, and preparation of the networking with other portals, (continuation of [106], [119], [123], [139], [150], [159], [168] and [174] VIKING phase MIP 2006)

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[185] **since 2009** Moderation of the workgroup "Transport" at a number of four workshops within the process of preparation of the Bremen Action Programm for Climate Protection 2020 (on behalf of the Bremer Energie-Konsens GmbH)

FURTHER ACTIVITIES

Moderation and Project Management:

BVÖ offers the takeover of tasks in terms of **moderation** within the context of workgroups, cooperation projects and processes of discussion and decision making to interested cities and communities as well as associations and private enterprises.

In case of long-term or interdisciplinary tasks or tasks where several departments go hand in hand, BVÖ also takes over the whole **project management**.

Among others, BVÖ has carried out an intensive function in terms of moderation or has taken care of the project management (no = source in the catalogue raisonné):

- Project group of overlapping departments on the formulation of principles and criteria of design on the guidance of bike traffic in Bremen [14], [25], [57]
- Realisation of the ministry's concepts on the introduction of 30km/h-zones in Bremen, hearing of the responsible body included [22], [31], [43]
- Preparation of an outline for the introduction of a street cleaning charge in Bremen [49], [59], [51]
- Construction of an Public Transport-consultation point at the national head office of the VCD in Bonn [12]
- Coordination of the "Joint campaign Environmental Network within public transport" under the auspices of the

German Federal Environmental Agency (UBA) [13]

- Project on the initiation and structuring of 'Mobility Consultation' and a 'Car Pool Service' for commuters in Bremen [39], [41], [83], [85], [133]
- Process of discussion on the recording of the overall traffic plan of the Hansestadt Rostock [30]
- Expertise in terms of Transport Ecology City of Delmenhorst [37]
- Interdisciplinary survey "Health and Traffic" in Bremen [42]
- In charge of the project at the interdisciplinary formulation of two environmental impact assessment studies for projects of road construction in the City of Schwerin [33], [34]
- Research of property and concept of location on the planning of P&R-facilities in Bremen [18], [28]
- Formulation of guidelines for the environmental impact assessment (UVP) as part of the street planning in Bremen [58]
- Project on the development of a conception for the mobility service directed by transport companies [61]
- Project of main emphasis "Weserbus" of the Joint Regional Planning Bremen-Niedersachsen [48], [62], [91]
- Realization of the concept for the securing of the pedestrian area at the Seebad Warnemünde [66], [81]

- Operations of census and coordination for the creation of a road map for the Truck Routing System in Bremen [79], [99], [155]
- Project management for the Project Area 4 of the euro-regional project VIKING, in charge of the Service Area Co-ordination Committee SACC with the participating countries Finland, Sweden, Norway, Denmark and the 5 Federal States of Northern Germany [94], [103], [108], [116], [126], [135], [146], [156], [166], [170], [176], [182]
- Workshop / Moderation on the concept of traffic Bremen-Vegesack [109]
- Initiation of a cooperation project of the cities Bremen and Riga (Latvia) and in charge of the project as far as the German participation is concerned, financially supported by the Advisory Assistance Programme for Environmental Protection in Central and Eastern Europe, the Caucasus and Central Asia of the German Federal Environment Ministry, [112], [140]
- Responsible coordination of the workgroup "VIKING Internet Service" [95], [104], [121], [136], [147], [157], [167], [171] since 2008 extended with the coordination of the workgroup "Connecting Traffic Information Portals" [175], [179], [183]]
- Set up of the Joint Project www.verkehrsinform-nord.de of the five Federal States of Northern Germany [106],

FURTHER ACTIVITIES

[119], [123], [139], [150], [151], [159], [168], [174], [184]

- Conceptual design of internet services for the traffic information in Greater Bremen, based on studies of feasibility and consultations of the different authorities concerned [122], [138], [144]
- Moderation and professional support of the planning of air pollution control in the City of Bremen [154]
- Moderation of the process of optimising the traffic signs and of creation of a Traffic Sign Register for the City of Bremen [141], [165]
- Technical process management and moderation for the implementation of the "Environment zone" with driving permission according to emission categories in Bremen (traffic-signage and sign-posting system) [169], [180]
- Moderation of the workgroup "Transport" within the process of preparation of the Bremen Action Programm for Climate Protection 2010/2010 [177], [185]
- Coordination of a new network for mobility management in the region Bremen/Bremerhaven within the scope of the German National Action Programm "effizient mobil" [181]

Furthermore, representatives of BVÖ have taken over the moderation of workgroups and workshops at many conferences and seminars of associations, parliamentary parties,

enterprises, town councils and colleges, e.g. for:

- Vereinigung für Stadt- Regional- und Landesplanung SRL
- Deutsche Vereinigung für Politische Wissenschaften DVPW
- TÜV-Nord, Hamburg
- Institut für Stadtforschung und Infrastrukturpolitik GmbH, IfS Berlin
- Bremische Evangelische Kirche BEK
- Bremer Umweltberatung BUB
- Haus der Technik, Essen
- Umweltberatungszentrum Rostock UBZ
- City of Delmenhorst
- Joint Regional Planning Bremen / Niedersachsen
- Institut für Landes- und Stadtentwicklungsforschung des Landes NRW (ILS), Dortmund
- StadtAuto Car-Sharing GmbH, Bremen
- Umweltsenator Bremen
- Bausenator Bremen
- Gesundheitssenator Bremen
- Bündnis 90/Die Grünen, Bremen
- SPD, Bremen
- Mercedes-Benz, Werk Bremen
- Bremer Straßenbahn AG BSAG
- Verkehrsclub Deutschland VCD
- Bund für Umwelt und Naturschutz BUND

- Allgemeiner Deutscher Fahrrad-Club ADFC
- Arbeitskreis Verkehr und Umwelt UMKEHR
- a variety of colleges and educational institutions

International Activities:

- 1987** Translation, completion and publication of a Dutch manual on traffic calming (publication [15])
- 1995** Presentation at the industrial fair in Pune, India (project [63])
- 1995** Research on the mode of operation of the Transportation Demand Management in Greater Los Angeles and the organisation and realization of the visit of representatives of the mobility agency "CTS, Los Angeles" in Bremen (project [41], publication [27])
- 1995** Lecture to a delegation of the City of Gdansk (Poland) in the World Trade Center Bremen on the concept "Sobieszeweska: an ecological island"
- 1996** Lecture to a Chinese delegation on ecological aspects of the construction of highways in Germany
- 1996** Design of an action programme for an environmental association in Luxemburg, various lectures and talks in Luxemburg (project [70] publication [29])
- 1997** Lecture on mobility management in German enterprises (experiences, examples) at an EU conference in Nottingham (GB)

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- **1997** Lecture on the aspect of 'immission control' and 'traffic development' within the context of the joint project between Germany and Poland "Sobieszeweska: an ecological island" on the occasion of the 1000th anniversary celebration in Gdansk (Poland)
- **1997/98** Realization of an international survey comparing 8 European countries in the context of the EU project 'Zero and low Emission vehicles in Urban Society (ZEUS)' (project [87])
- **1995/98** Partner in the EU project 'move' (project [83])
- **1997/98** Comparative survey of the Länder on the general conditions of the mobility management in the context of rush-hour traffic in five European countries as well as California / USA, within the context of the EU project 'move' (project [84])
- **1997/98** Concept of traffic for four of Luxemburg's communities industrial areas as a pre-operating study to realize 'Initiative21' (project [92])
- **since 1998** Project management and various projects within the context of the Euro-regional project VIKING along with the participating countries Finland, Sweden, Norway, Denmark as well as the 5 Federal States from northern Germany (projects [88], [89], [94-96], [103-108], [116-121], [122-126], [134-139], [151], [156-159])
- **1999/2001** Participation in the EU-Interreg project TARGET with two subprojects on the transferability of a Carpool-Ridematching-System to further regions and new target groups (Project [102])
- **2000** Consultation for the City of Oslo (Norway) on operational mobility management, appointments in Bremen and Oslo (project [101])
- **2001** Peer Review for 'INTERCEPT Deliverable 9: Exploitation Plan Report', (Annex 1) refer to project [110]
- **2001** Surveys on the effectiveness analysis within the context of the EU-Project MOST (refer to projects [111], [114])
- **2001/04** Preparation and **2005/07** managing of a cooperation project of the cities Bremen and Riga (Latvia), refer to projects [112], [140]
- **2000/2002/2004/2007** Contributions to the ITS World Congresses in Turin, Chicago, Nagoya and Beijing, Publications [41], [46], [49], [53]
- **2000 to 2007** Presentation of the Northern European traffic information service www.travel-and-transport.com at the international VIKING-Conference 2000 in Malmö (Sweden), at the international conference 'Reinventing Mobility' 2000 in Bremen, at the ITS-World-Congress 2000 in Turin (Italy) (automatically running presentation at the exhibition), at the international 'TEN-T Workshop on Traveller Information Services TIS' on 5./6. April 2001 in Verona (Italy), at the international I.B.I.S.-Workshop (Internet Based Information Services) on 15./16 May 2004 in Lyon (France), at the ITS-World-Congress 2004 in Nagoya (Japan), at the 3rd Conference of the Euro-regional Projects 2005 in Dublin (Ireland), at the ITS-World-Congress 2007 in Beijing (China) 2007; in case of the 3 World-Congresses the speaker was U. Just (Bausenator Bremen)
- **2006** Participation in the Jury of the European Mobility Award in Brussels, within the scope of the EU-Project EUROCITIES, Hinrich Kählert (refer to project [161])
- **2006** Contribution to the Peer Review within the scope of the EU-Project BUSTRIP, focused on Kaunas (Litauen), Hinrich Kählert (refer to project [162])
- **2007** Presentation of the Northern German Traffic Information Service www.verkehrsinfo-nord.de at the 5th Conference of the Euro-regional Projects in Aalborg (DK) (Publication [53])
- **2008** Presentation of a new concept for connecting European Traveller and Traffic Information to existing Internet Services at the 1st European EASYWAY-Conference on ITS for the TERN, in Giardini Naxos (Taormina), Sicilia (Publication [55])
- **Running** Lectures at various international conferences in Germany and foreign countries close by on mobility and transport planning

FURTHER ACTIVITIES

Guest Lectures:

Questions concerning Transport Ecology (in the broadest sense) are of growing importance at colleges, universities and institutes of further education. Educational establishments are increasingly interested to involve external research and planning practitioners who enable the reinforcement of specific aspects or who develop a 'superstructure' in terms of transport ecology. The following guest lectures, successive seminars and university teaching positions are a selection of the total held by employees of BVÖ at the following educational establishments:

- Uni Oldenburg (Faculty: Physics, domain vehicle development) 1988
- Hochschule Bremen (Training for environmental consultants at the faculty of Architecture) 1989
- Deutsche Außenhandels- und Verkehrsakademie DAV (Science of economic development) Bremen 1989
- Uni Bielefeld (Training for environmental consultants) 1990
- Bremer Umwelt-Beratung BUB (further training) 1990
- Senatskommission für das Personalwesen und Berufsbildungsinstitut Bremen (further education for public servants from the building industry, city development and traffic planning) 1990
- FU Berlin (Faculty: Political Sciences) 1990

- Hochschule Bremen (Seminar on the traffic system) 1995
- Uni Oldenburg (Faculty: planning in terms of space) 1995
- Hochschule für Öffentliche Verwaltung Bremen (Environmental impact assessment as part of road planning) 1995
- Büro für Umweltpädagogik BUP Rostock-Warnemünde (Training for traffic development planners) 1996
- Deutsches Institut für Urbanistik (difu) Berlin 1997
- Weiterbildungs-Akademie Weilheim 1998
- FH Wiesbaden 1999

Trainees:

With the regular offer of trainee placements, BVÖ pays tribute to the practical training for young talents of science. So far, trainees from the following directions of study have worked at the Institute for 4 to 6 months, during which they have been involved in all kinds of projects:

- City planning, urban development (GH Kassel, TU Hamburg-Harburg)
- Construction Engineering (Hochschule Bremen)
- Architecture (Hochschule Bremen)
- Geography (Uni Bremen, Uni Osnabrück, Kath. Uni Eichstätt)
- Computer Science (Uni Bremen)
- Sociology (Uni Bremen)

- Biology (Uni Bremen)
- Political sciences (Uni Hannover)
- Psychology (Uni Saarland)
- Specialist for international environment protection and environment planning (BBI Bremen)

Supervision of diploma and doctoral theses:

With respect to junior staff development, encouraged by regular interchange with trainees, BVÖ supervises diploma and doctoral theses regularly, sometimes also in connection with running projects.

Final theses from the following faculties of diverse universities have been supervised successfully in the past:

- Construction engineering, traffic planning / design
- City planning
- Regional Planning
- Geography
- Economics
- Tourism management
- Psychology
- Sociology
- Political science
- Environmental consultation, environmental planning

PUBLICATIONS

Selected books/ essays/ publications of lectures (project reports excluded)

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- *move* - Service for the employee's traffic, Bremen 1998
- *Straßendatenbank Bremen 1999* – register of cycle paths, sign-posting for heavy goods vehicles, Truck Routing System, register of street cleaning, Bremen 1999
- *Environment-Costs-Calculator* (Umwelt-Kosten-Rechner), programme for the calculation of costs and environmental effects of car traffic, based on a programme which was developed within the context of an EU project in Ireland, revised for German proportions and translated into German, Bremen 2003

VIKING area maps - Masterfile based on EGM map data (EuroGlobalMaps), June 2006, produced for the northern Europe partners of the EU-project VIKING, in cooperation with Daten Service Bremen

Websites / Internet

- www.bvoe-bremen.de (BVÖ's company website)

The following websites have been developed and produced from BVÖ within the scope of projects as commissioned work and are hosted by BVÖ:

- www.travel-and-transport.com
- www.verkehrsinfo-nord.de
- www.ew-viking.com
- www.mobilpunkt.info
- www.move-bremen.org
- www.bvoe-bremen.de/laermdaten
- www.bvoe-bremen.de/strassenliste-umweltzone

developed but not hosted:

- www.enjoymobility.lv (cooperative development together with Latvian project partners; website is temporarily not accessible)
- <http://verkehrsinfo.bremen.de/lkwfuehrung.html?&L=1&locale=en> (Part: Truck Routing System)

Under construction:

- <http://umweltzone.geomatrix-bremen.de/?&L=1&locale=en>
- <http://vsk.geomatrix-bremen.de/>

Carpool-Server:

- www.ravenworks.de/fgo/fgo.htmlwww.trafficeuroservice.com (involved in prestudies)

Involvement/conceptual preparation:

- www.verkehrsinfo.bremen.de
- www.asv.bremen.de

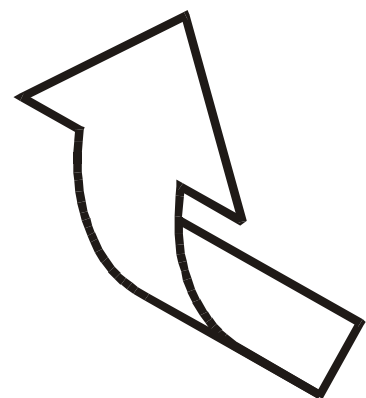
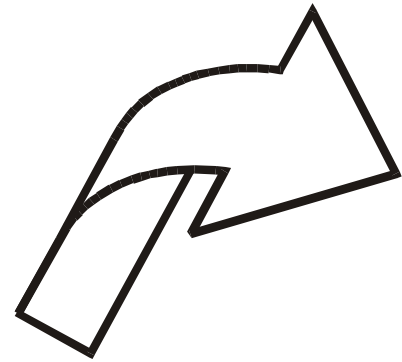
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