

Company Profile

Business Domains, Company Structure, Staff and Equipment



SSP Consult, Beratende Ingenieure GmbH

Your Partner for
Transport Infrastructure Planning and Road Traffic Engineering



The Company

SSP Consult, Beratende Ingenieure GmbH is a specialised consulting company for solutions and services in the areas of road traffic engineering and information technology, traffic and mobility management and transport planning. SSP Consult, Beratende Ingenieure GmbH supports and accompanies its clients during the entire project life cycle - from the generation of the project idea up to the inspection of a completed system and the regular support as well as validation in the operating phase.

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Management Board

Managing Directors:

Dr.-Ing. Matthias Koelle Dr.-Ing. Lothar Neumann Dipl.-Ing. Stefan Trupat

Annual Turnover

4 million EURO

Staff

SSP Consult, Beratende Ingenieure GmbH has approximately 50 employees, among them traffic engineers, civil engineers, computer scientists, physicists, economists and geographers.

Company History

1973	Foundation of the Engineering Office Prof. Dr.-Ing. Steierwald and Dr. techn. Schoenharting
1985	Extension and change of corporate form into Steierwald Schoenharting und Partner GmbH
1999	Change of company name into SSP Consult, Beratende Ingenieure GmbH

Business Domains

SSP Consult, Beratende Ingenieure GmbH covers all areas of passenger transport by private and public transport modes as well as freight traffic. The activities contain the whole range of consulting engineers from general conception of technical systems and transport planning concepts for completion of infrastructure, over detailed planning tasks up to implementation planning. Apart from planning services the company takes over tasks in building site supervision and technical monitoring as well as in the tendering process, but also in project management and the support during planning processes. Additionally, the operating phase of the planned equipment is supported.

Transport Infrastructure Planning

Transport studies

- overall transport planning / transport development plans
- transport studies and impact analyses
- transport modelling
- measure evaluation
- economic efficiency analyses
- feasibility studies
- noise and pollutant analyses
- Public Private Partnerships

Design of Transport Infrastructure

- conceptual preliminary analyses
- dimensioning of transport infrastructure
- technical planning of transport infrastructure
- geo-referencing (GIS)

Project Management

- project steering
- project coordination
- project controlling
- planning and control of scheduling
- public relations
- preparation of documents for approval procedures
- revision of objections and statements
- support of privatisation processes

Road Traffic Engineering

Urban Traffic Control

- traffic signalling and control
- public transport priority schemes
- automatic incident detection
- capacity analyses
- traffic flow simulation
- dynamic lane allocation
- urban traffic guidance systems
- parking guidance systems
- integration of control methods and strategies
- urban tunnel control systems

Inter-urban Traffic Control

- line control systems
- variable message systems
- intersection control systems
- ramp metering
- integration of control models and strategies
- toll systems
- inter-urban tunnel control systems
- temporary use of hard shoulders
- quality management systems

Information Technology

- conception of traffic management systems
- planning and support of construction of traffic control centres and sub centres
- parametrisation of technical installations
- support of IT software developments
- development of IT system architectures
- positioning and navigation systems
- geographic information systems (GIS)

Traffic Management

- conception and coordination of the implementation of traffic management systems
- concepts for public parking
- concepts for event traffic
- information systems for public transport, private vehicle traffic and parking traffic
- multimodal information services
- intermodal system networks
- mobility management
- operating concepts

Transport Research

- sustainable transport planning
- mobility concepts
- fusion of traffic data
- control methods
- technology concepts
- integration of environmental issues
- safety research
- transport telematics
- traffic data from FCD and FPD
- optically-based traffic analysis
- air- and satellite-borne data collection
- ITS architectures and standardisation of open communication interfaces

Involvement in Expert Committees

Managing directors and employees of SSP Consult, Beratende Ingenieure GmbH are represented in various national and international expert committees and have well-established relations with companies, administrations and transport institutions in Germany, Europe, Asia and the United States of America. Through research projects, scientific publications and presentations as well as lectures at different universities the managing directors, scientific consultants and staff of the company can always tie a link between theoretical concepts and practical implementation to the benefit of their projects and their clients.

Senior engineers of SSP Consult, Beratende Ingenieure GmbH are members of the chambers of engineers in the federal states of Baden-Wuerttemberg, Bavaria, North Rhine-Westphalia and Berlin. This guarantees that the consulting service is state-of-the-art and not influenced by third parties' interests.

Business Partners

Among the most important business partners of SSP Consult, Beratende Ingenieure GmbH are public authorities, industry and private investors. In particular:

International Sector	European Commission European and Asian ministries
Public Sector	German Federal Ministry of Transport, Construction and Urban Development German Federal Ministry of Economy and Technology German Federal Ministry of Education and Research German Federal Road Research Laboratory Road construction authorities of the German federal states Departments of local councils and districts Research institutions
Local Public Transport	Public transport operators Public transport organisations in agglomerations
Private Sector	Exhibition corporations/fair companies Airport companies Automotive industry Providers of telematic devices and services Signal systems companies Public/Private Partnerships Consulting companies Finance companies

Computer Equipment

All offices are equipped with modern computer systems and most actual software. As far as hardware is concerned, SSP Consult, Beratende Ingenieure GmbH avails of high capacity computer systems for handling complex traffic engineering and traffic planning tasks as well as the necessary print media. Fast Intranet and Internet links are used as internal and external means of communication.

Further Information

A comprehensive survey of our scope of activities as well as selected project descriptions and references can be found on our Internet site: www.ssp-consult.de

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