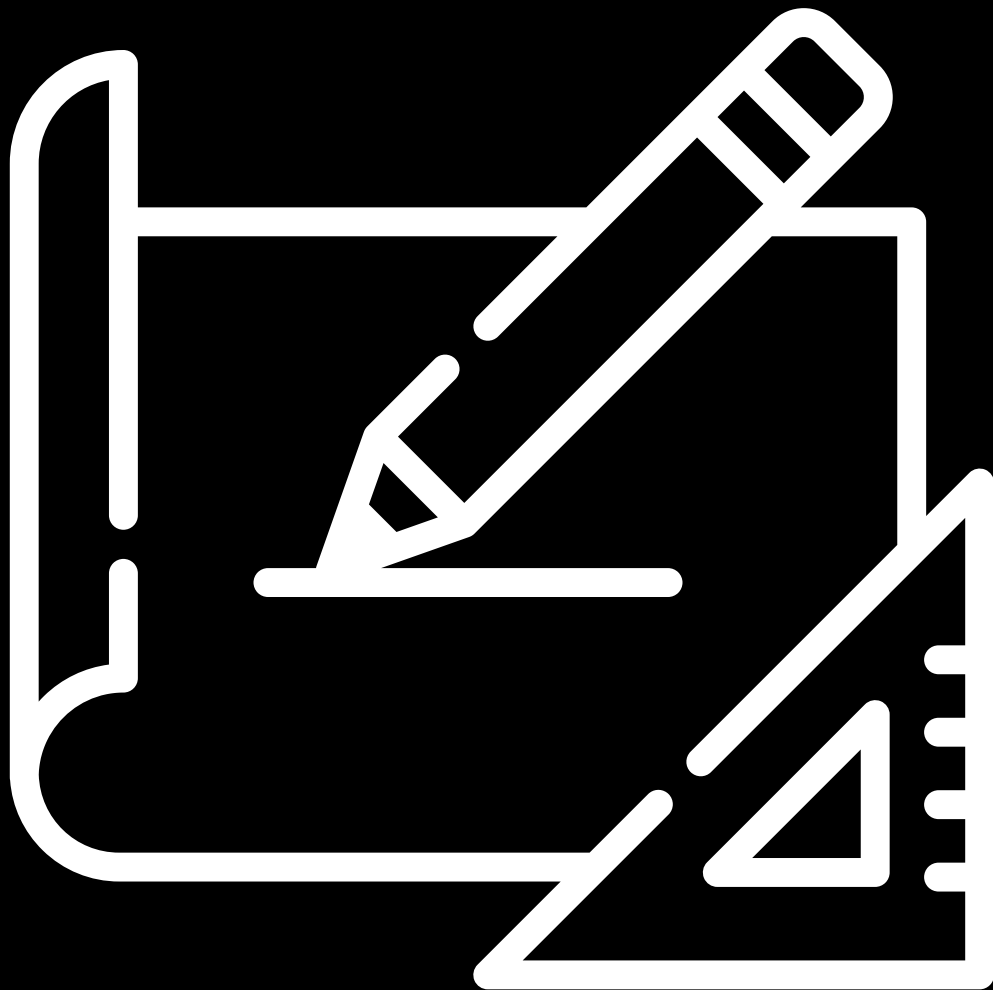


INSIGHT

PLANNING SERVICE CIVIL ENGINEERING

Module content and additional services
from the construction kit



OUR CONSTRUCTION KIT FOR YOUR PROJECT

This is an overview of all the services we provide for infrastructure planning. We are at home in every planning phase: there is a **basic module** for each, which contains standard services for all the necessary planning steps - our best practices.



Thanks to our experience in construction projects, these modules make your planning worry-free, complete and transparent - and with easily plannable costs.

You will also find all **additional services** that you can book as required if your project has special planning requirements due to the scope, the environment or certain conditions.

In which planning phase do you need support?

BASIC MODULES



DESIGN PLANNING

- ✓ GIS planning with connection points, backbone connection, clustering and route centerlines
- ✓ Initial optimization of the rough course routes
- ✓ Quantity determination for route lengths and housing locations
- ✓ Overview map of the project area

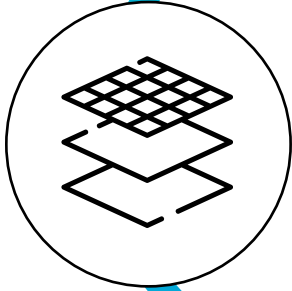
APPROVAL PLANNING

- ✓ Optimization of the locations and routing
- ✓ Identification of stakeholders
- ✓ Time-optimized application, incl. map creation
- ✓ Monitoring the returns



On to fine planning →

BASIC MODULES



FINE PLANNING

- ✓ Pipe and cable planning in GIS
- ✓ Creating splice logs
- ✓ Creating material quantity lists



DOCUMENTATION

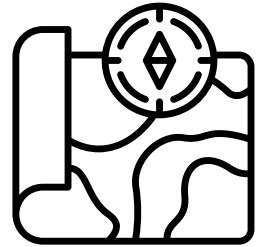
- ✓ GIS and project documentation, fully digital

A completely digitalized working method in our modular system for planning services enables us to coordinate and document efficiently. Thanks to our experience in planning, we ensure that every detail is taken into account. The basic modules can therefore be supplemented individually.

In the following you will find a variety of additional modules 

ADDITIONAL MODULES

DESIGN PLANNING



Adressclearing

- Synchronization of address points
- Checking the number of residential and commercial units
- Coordinate check of the address points
- Inclusion of gaps between buildings and new address points for new buildings

Surface recording

- Inspection of the planning area
- Quantity determination according to surface categories
- Evaluation of the inspection data for route and location optimization

Continue to the additional modules for approval planning 

ADDITIONAL MODULES

APPROVAL PLANNING



Coordination in the project area

- Coordination with public agencies (TÖB) or private owners
- Coordination of co-installations

Incorporation of official requirements

- Incorporation of the requirements from the returned applications into the GIS
- Labeling with POI according to special requirements
- Incorporation of existing layers such as nature conservation, monument protection and FFH areas

Permits and easements

- Permission agreements and easements with private owners

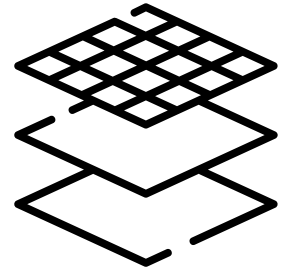
Railroad crossings, 1st order watercourses and highways

- Support and coordination services in obtaining the special permits

Continue to the additional modules Fine planning 

ADDITIONAL MODULES

FINE PLANNING



Creating the GIS incidental provisions

- Creation of the GIS incidental provisions according to BMDV specifications

GIS and map layout

- Customization of the GIS layer layout
- Layout of the map frame, the legend and additional content according to the client's specifications (e.g. company logo)
- Creating plot templates

Implementation documents in PDF format

- Creation of the implementation documents in PDF format
- Creation of the implementation documents in geo-PDF format

On to the additional modules for documentation 

ADDITIONAL MODULES

DOCUMENTATION



GIS digitization of existing infrastructure

- Digitization of line information/existing infrastructure into the GIS

Data preparation of existing data

- Correcting and completing existing data

Data conversion Data model

- Data adaptation to the existing data model
- Transferring data to the existing data model

GIS layer styles and attributes

- Individual customization of styles
- Adding/adjusting the attributes

Incorporating photos into the GIS

- Incorporation of photos into the GIS according to specifications

Web GIS and data cloud provision

- Provision of a platform for shared data management, e.g. for photos, drilling, splicing and blowing protocols, OTDR measurements, inspection protocols, etc.

Feel free to contact us! 

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ABOUT SITICOM

siticom is a technology innovation company founded in 2010 with a focus on the digital transformation of infrastructure and networks of tomorrow. siticom's portfolio is geared towards the complex technological challenges of the future. The solutions and services range from technical and strategic advice to engineering services for planning and realizing network infrastructures in communication networks and corporate networks. Thanks to a highly innovative, flexible grid of system partners, siticom is able to implement high-quality solutions at short notice. The combination of consulting, design and architecture bundled with the assumption of system and implementation responsibility as well as test-automation distinguishes siticom as an independent system integrator.