



Energy Advisory



CONSULTING & ENGINEERING SERVICES

TARGETED MARKET: EUROPE NON EU 28 AND ASIA

Analysis and Conceptual Design

We transform your project idea into a draft project layout and check through the options based on various realization concepts. Further, we investigate technical feasibility and financial viability to provide the basis for potential project funding commitments.

Our range of services in this project phase:

- market analyses
- concept studies
- feasibility studies
- preliminary engineering surveys (topographic, geotechnical, hydrology, etc.)
- environmental impact assessments
- social/resettlement planning
- site investigations
- techno-economic analyses
- due diligences
- master plans
- integrated infrastructure concepts
- plant concepts
- preliminary design and conceptual engineering
- IT concepts
- research and development projects

Our Manager



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Markets:

- Energy
- Water
- Transport and road
- Environment
- Information Technologies
- Health and Safety



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Engineering and Contract Award

During this project phase, based on our preliminary planning and conceptual engineering, we first draw up basic planning documents and compile the permit application. The aim of detail engineering is then to prepare the tender documents, either for contract award in lots or for appointing a general contractor. To ensure procurement to the required quality and at reasonable cost within the specified timeframe, we also assist during tendering and contract award.

Our range of services in this project phase:

- complete planning services
- layout planning
- selection of technology
- permit management
- permit application planning
- detail engineering & design
- compilation of tender documents
- evaluation and comparison of bids
- assistance during contract negotiations
- recommendation for contract award
- contract administration

Implementation Support

During project realization, alongside project management we undertake all typical site supervision tasks, like expediting and budgetary control, overseeing construction and installation, and quality control. As a follow-up to plant erection, oversight of commissioning and trial operation count to our tasks.

Our range of services in this project phase:

- project management
- project governance and interface coordination
- checking technical project execution with quality control
- design review
- construction oversight, site supervision and specialist supervision
- coordinating commissioning
- supervising commissioning and trial operation
- compiling documentation
- occupational health and safety
- environmental and social compliance supervision



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Operation and Asset Breakdown

Throughout the operating period and subsequent to this, for example for demolition, we assist our clients in exploiting their resources to the full.

Our range of services in the operating phase:

- monitoring plant operation
- evaluating plant output and performance
- examining guarantee and performance claims
- optimizing processes and systems
- optimizing commitment schedules
- operation and maintenance concepts
- environmental, risk and quality management
- integrated management information systems
- asset management
- operating, management and environmental information systems
- IT consultancy and solutions

Business Consultancy

Throughout all project phases, by virtue of their sector-specific experience, our consultants provide the required technical and commercial expertise. We configure and optimize business practices and procedures, and develop tailored IT solutions for this purpose.

Our consultancy services:

- project governance
- project management
- market analyses
- tariff studies
- support in project development
- consultancy on strategy and organization
- financial modeling
- evaluation of investment projects
- lenders' and owner's engineering
- due diligences