The ISC Approach
The cornerstone of ISC’s competences derives from the ability to undertake the complete range of tasks associated with the development of complex structural and mechanical installations and customizing them to meet the client’s demands from the description of the functional requirements to design, execution and completion of the task.
ISC assures that the job is carried out according to the time schedule, the technical specifications and within the budget.
We allocate a project manager and a project group with professional skill in the various engineering disciplines to perform the assignment which typically will include the following phases:
ISC applies the most modern and updated computer calculation- and simulation software tools required to achieve safe and optimized solutions.

Client consultancy comprise:
- Scope identification with the Client
- Conceptual design and cost estimate
- Detailed design and tender documents
- Tender and tender evaluation
- Contract management
- Site management
- Inspection and quality assurance
- Commissioning and handover to client
- Maintenance and operation procedures

The Company
ISC Consulting Engineers A/S was founded in 1967 by Kjeld Thomsen M.Sc. (struct. Eng.) former associate professor at the Technical University of Denmark.
Our offices are located on two locations in Copenhagen and in Kalundborg, Esbjerg, Kolding, Viborg, Aarhus, Aalborg, Denmark and Wellington, New Zealand.
ISC provides comprehensive independent consulting services within all fields of planning, feasibility studies, civil, structural, mechanical, process, and electrical engineering on a worldwide basis.
ISC has special experience and knowledge in the field of planning and design of advanced civil works such as the “The Øresund Fixed Link” which connects Denmark and Sweden and with its 490 m main span is the longest cable stayed railway bridge in the world. ISC also has special experience in the design and planning of other civil works such as industrial plants, power stations, port facilities, oil & gas installations, wind farm installations, airports and railways.
ISC has gained profound experience throughout the past more than 52 years on numerous projects carried out in more than 70 countries.

The Staff
The combined staff of the company comprises 250 employees (2019) of which approximately 70 % are graduates in civil, structural, electrical or mechanical engineering and related disciplines.
The company’s expertise also covers management, planning, advanced 3D computer applications, information and maintenance systems, client consulting, site management and inspection.
Furthermore, ISC maintains standing agreements of cooperation with individual experts and public scientific institutions, thereby supplementing the company’s know-how in connection with assignments requiring multi professional teams of specialists.

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ISC Innovative Engineering
Motorway Bridge, Tvis Creek

Environmental protection was an important issue and great care was taken when designing and building this prestressed concrete bridge - as it is built in a very environmentally sensitive area. The bridge is a part of Holtebro highway connecting Holtebro with Herning. The total length of the bridge is 222 m with a max. span length of 29.25 m.

Planning and Design

ISC has designed bridges ever since the early start of the company - large and small, long and short, wide and narrow, high and low, over land and over water - for motor traffic, railway traffic - for bicycles and for pedestrians. The design of a bridge is usually generated in cooperation with competent architects to assure that an aesthetic, environmental and economic satisfactory solution is achieved.

Nothing too big - Nothing too small

At ISC we are always ready to come up with a solution - whether it is a large motor and railway bridge or just a pedestrian bridge of a few meters. We have the general know-how to combine optimal economy with adequate specific technical solution and always includes in the design of the structures all aspects regarding fabrication, transport, and erection to achieve feasible and optimal solutions.