

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.

ISC offices are located in Copenhagen, Esbjerg, Viborg, Kalundborg, Kolding, Aarhus and Aalborg in Denmark and Wellington in New Zealand.

ISC provides comprehensive independent consulting services within all fields of planning, feasibility studies, detailed designs, civil, structural, mechanical, process, safety and electrical engineering on a worldwide basis.

ISC has special experience and knowledge of planning and design of advanced civil works such as Offshore Wind Farms, Industrial Plants, Power Stations, Port Facilities, Oil & Gas, Airports, Bridges and Railways.

ISC has worldwide experience gained on projects carried out in more than 70 countries on 5 continents.



The Staff:

The combined staff of the company comprises 250 employees (year 2016/17) of which approximately 70 percent are graduates in civil and structural engineering, electrical or mechanical and related disciplines. The company's expertise also covers management, planning, computer applications, information systems and maintenance systems. 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 outside the company's own staff.

Engineering Disciplines

We cover all disciplines within Concept, FEED, Detailed Design and Fabrication follow-up:

- Structural Design
- Geotechnical Design
- Motion Analysis
- Primary Structure
- Secondary Structures
- Mechanical
- Piping & Process
- FE-Analysis
- Safety (HSE)
- HAZID

WTG Foundation Design

ISC Consulting Engineers A/S has extensive experience in the design of offshore foundations for Oil & GAS and Offshore Wind.

ISC's experience in the design of offshore structures is founded on knowledge obtained from over 40 years in the offshore oil and gas industry and more than 15 years in offshore wind.

Engineering including Concepts, FEED, Detailed Designs and fabrication follow-up for Concrete Gravity base (GBS's, Monopile/transition Piece, Jackets and tripod structures.

ISC has performed the detail design of 15 substructures for offshore substations and been assisting DONG Wind Energy Power on more than 10 offshore wind farms for WTG foundation designs.

ISC's portfolio clearly demonstrates a comprehensive expertise within the field of offshore foundation design, including a broad spectrum of jacket, monopile and gravity based substructures designed. ISC has also demonstrated the ability to work alongside local authorities across Europe to produce superior solutions which conform to the local regulations and authority approval.

ISC has been involved in design of WTG foundations for the following wind parks

- Borkum Riffgrund 01, German Bight
- Walney 02, Irish Sea
- Gode Wind 01/02, German Bight
- Race Bank, UK sector
- Walney 03/04, Irish Sea
- Burbo Banks Extension, UK Sector
- Borkum Riffgrund 02, German Bight
- Hornsea 01, UK Sector

