SUPPLY CHAIN MANAGEMENT

Strategic design in supply chains supports growth, internationalisation and consolidation in wind industries.

The wind industry faces challenges from continuous market growth, albeit the introduction of auction systems in key markets, progressive internationalisation, more difficult conditions in emerging and developing countries, as well as the trend towards consolidation on the manufacturer side.

Ramboll provides strategic planning and supply chain consultancy services to address this need for change in the global value chain, with integration and coordination of diversified but also completely new partners and the necessity to react flexibly to market dynamics.

As one of the largest consultancies in northern Europe, Ramboll offers the engineering and supply chain management services needed in the wind industry.

We combine our international, interdisciplinary, and wind-specific competences as a planner and consultant for wind energy projects with management expertise from our management consulting business unit. This unique combination is achieved by nearly 600 management consultants worldwide within the Ramboll Group.

Our experience and competences

Ramboll supports stakeholders in the wind industry in the design, operation, and optimisation of industrial supply chains, on both the manufacturing and the installation side.

Growing turbine sizes, global markets and increasing cost pressure often require the interconnection of new partners to master the supply chain challenges.

As experts in analysis, evaluation, and design of national and international supply chains, we can rely on many years of experience in the areas of make-or-buy, total cost of ownership, outsourcing, local content, localisation of new partners, and value stream optimisation.

Our supply chain management solutions focus on sustainable operations and a smooth, cost-efficient, and risk-minimising cooperation between all stakeholders.

With the applied methods from supply chain design, process management, as well as sales and operations planning and logistics optimization, we are able to create consistent structures, processes, and transparency to react quickly and to adapt to market changes.

For further information, please visit www.ramboll.com or contact us directly:

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Sustainability and global footprint design
Ramboll is the professional partner for connecting strategic alignment with the supply chain strategy.

Drawing on our environmental expertise, we also provide the health, environment, and safety requirements.

Our supply chain sustainability and global footprint services support stakeholders in the wind industry to transform their strategies and goals in the mid-term into results.

Our services include:
• Sustainability strategy
• Supply chain strategy
• Global footprint design
• Supply chain integration
• Supply chain risk management
• Supply chain controlling.

Supplier and innovation partner management
We are experts in the derivation of material group strategies and the development of supplier portfolios ready for sustainable operations of our clients’ value chain.

Furthermore, we offer a worldwide operational selection, qualification, and integration of suppliers into our clients’ internal value chain and into the processes of our clients’ partners.

With a global presence of 300 offices in 35 countries, we offer the following services:
• Global commodity management
• Supplier portfolio development
• International procurement
• Supplier relationship management
• Partner innovation management.

Demand and supply planning
Customer satisfaction is a result of operational excellence. With the design of industrial planning chains, we build the essential foundation for our clients and their customers.

The complexity of products and processes significantly influences the flexibility and adaptability of planning and supply chains. We will support our client in the harmonisation of products and processes, through which a common planning basis for the sales department, production, and procurement is created.

Our services include:
• Modules and management of variety
• Product life cycle management
• Sales and operations planning
• Capacity and inventory planning
• Supply planning.

As experts in supply chain excellence, we also support the sustainable transformation and necessary change in culture of your supply chain management.

### Case Studies

**Strategic Risk Management**

**Client**
Offshore wind farm

**Location**
Germany, Denmark

**Period**
2012 – 2014

**Service Provided**
Supply chain risk assessments focusing the industrial onshore supply chain for building the wind farm; mitigation concepts for risk optimisation.

**Supplier Portfolio Development**

**Client**
Mainly European Manufacturers

**Location**
About 400 projects Europe-wide

**Period**
2000 – now

**Service Provided**
Global commodity management, make-or-buy, supplier portfolio management, global sourcing, supplier selection and integration, ramp-up management.

**Sales & Operations Planning Processes**

**Client**
Mechanical and Plant Engineering

**Location**
Hamburg, Germany

**Period**
2015 – 2016

**Service Provided**
Process design of the planning processes for the departments: sales, production, and distribution including implementation and change management.