



PROJECT MANAGEMENT

Ramboll offers project management services based on the best international approaches and standards.

Project Management as a profession

Ramboll has comprehensive experience with projects related to civil works and construction works. In all our projects, we consider project management as a profession based on excellent skills.

Excellence in project management is an ever more vital part of successful projects. This is especially due to more complex processes, the influence of many stakeholders, tight schedules, scarce budgets and higher quality demands.

Project Management on conditions of agility

Conditions for managing projects are often characterized by very time-sensitive schedules, late decision making processes and lack of people with the right competences. For this reason, it is important that management takes a controlled lead of the project, which demands both strong managerial skills and

effective methods for effective project performance.

Open, agile and responsive project management supports a flexible management structure without waiting in the performance of the project and the quality of its output.

Project Management and Standards

Based on our ISO 9001 certification, we have developed an educational program called High Performance Project Management. All project managers appointed in Ramboll have to follow the program as part of their profession as project managers.

When we serve our customers within the field of project management services, we follow the international standards of project management, such as:

- Project Management Body of Knowledge (PMBOK®) - Civil

Works and Construction Works

- Prince2® - Projects of Information Technology
- IPMA® - Civil Works and Construction Works

In our project management services, we carefully analyse the customer's needs and adopt the optimal standards for the specific project in question.

Project Management of Large Capital projects

Our track record of large capital projects has grown long over the years. When we set up a framework for managing large capital projects

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PROJECT MANAGEMENT IS A PRE-REQUISITE FOR PROFITABILITY

Project management with 4D and 5D belongs to the present. The approaches of the past would not be sufficient to meet requirements of the future.

Project management in competitive society has to create business!

we take offset in the nature of the specific project. Our multidisciplinary competences and long-term experience is a natural part of our services. As with any project, we use a "best practice" approach tailored to the project management task.

Project Management through Project Review

Project review is an integral part of project management. It gives an excellent opportunity for exploring potential risks and opportunities and contributes to a successful execution of projects. Rambøll offers reviewing as a project-oriented due diligence where basic conditions and presumptions are examined.

Project review provides decision-makers with a frame of reference and evidence of a tangible project.

Project management by a "One Model Approach"

At Rambøll we have the ambition to work with project management in a "One Model Approach" where time scheduling and cost estimation is integrated in the project design. When fully implemented, we add a fourth and a fifth dimension to the basic three-dimensional design. The fourth dimension is a time line and the fifth dimension consists of cost figures derived by quantities of the 3D design tool. By using this approach, all managerial disciplines such as time scheduling, cost controlling, scope definition and risk management are integrated in the project and supported by data derived from one single system.

Project Management with the fourth dimension (4D - scheduling) entails integration of elements from technical drawings and of planning. Computer Aided Design (CAD) combined with time scheduling gives the opportunity to

visualize potential risks for clashes as well as the performance of the project in relation to the time line.

Project Management by the fifth dimension (5D - cost estimation) entails integration of elements of technical drawings and bill of materials. Project management in the "One Model Approach" ensures that schedule dates and budget figures are combined with the technical specifications of the project. Ultimately, all budgets and schedules will comply with the production.



LEFT

Rambøll Head Office in Copenhagen - main entrance near the Copenhagen Metro

RIGHT

Rambøll Head Office - inside view with excellent opportunities for collaboration across business units