RAMBOLL AT A GLANCE

13,000 EXPERTS
300 OFFICES
35 COUNTRIES

PLANNING & URBAN DESIGN
Ramboll’s holistic approach to urban development encompasses strategy, planning and world class technical design services and is based on an integrated multidisciplinary skills base.

We have an extensive track record working with a number of the world’s largest cities to create liveable, sustainable and implementable urban development solutions that are fully adapted to the local context.

Read more at: www.ramboll.com/planning-and-urban-design

WATER
Working with municipalities, utilities and industrial clients, Ramboll draws on proven multidisciplinary expertise to manage the most challenging water resources, wastewater, and storm water issues.

We integrate treatment process selection and engineering, operational services, and regulatory management and planning to deliver innovative solutions that benefit both industry and society.

Read more at: www.ramboll.com/water

TRANSPORT
Mobility fuels economic and social development and with 50% of the world’s population now living in urban areas, efficient and reliable transport systems are essential.

To meet this need, Ramboll has been working on some of the world’s largest, most innovative infrastructure projects and is the leading consultancy in the Nordic market.

We create value for transport authorities, contractors and local authorities by providing multidisciplinary technical excellence and minimising resource usage.

Read more at: www.ramboll.com/transport

OIL & GAS
Success in today’s fast-paced and competitive oil and gas market depends on advanced technical solutions that combine economic efficiency with stringent health, safety and environmental (HSE) requirements during the entire asset life cycle.

Based on four decades of engineering consultancy, Ramboll has gained valuable insights on how to develop, prolong and optimise offshore and onshore production.

Our combined insights and service offerings support leading energy companies and operators in maximising a sustainable recovery of oil and gas.

Read more at: www.ramboll.com/oil-gas

ENVIRONMENT & HEALTH
As a globally recognised environmental and health consultancy, we have earned a reputation for technical and scientific excellence, innovation and client service. Advances in science and technology and evolving regulatory, legal and social pressures create increasingly complex challenges for our clients. We evolve to keep pace with these changes – by adding new services, contributing to scientific advances or expanding geographically.

Read more at: www.ramboll-environ.com

BUILDINGS
As one of Europe’s top buildings designers with decades of experience in the global market, we create inspirational, sustainable and award-winning buildings that allow people and nature to flourish.

We design more than 10 million square meters of buildings every year, and are a preferred partner of the world’s leading architects and developers.

Our combined insights and service offerings support leading energy companies and operators in maximising a sustainable recovery of oil and gas.

Read more at: www.ramboll.com/buildings

ENERGY
Security of power supplies, climate change, energy efficiency and resource scarcity are top priorities for a sustainable society.

Ramboll is at the forefront of addressing these issues as the global market leader in offshore wind, waste-to-energy and district heating consulting and the leader in Scandinavia for large-scale thermal power consulting.

We also have a specialist competence in designing power transmission masts and offshore wind masts.

Read more at: www.ramboll.com/energy

MANAGEMENT CONSULTING
With unprecedented levels of competition in the global economy, Ramboll’s SSD management experts focus on empowering private-sector customers with expertise and effective management tools.

National, regional and local authorities are responsible for issues that affect us all – from health care, education and day care to strategic planning of infrastructure and climate initiatives.

Ramboll also acts as a trusted partner to public administrations, creating the insights needed to make informed strategic decisions that promote sustainable societies.

Read more at: www.ramboll.com/managment-consulting
One of the world’s leading environmental and health consultancies, Ramboll is trusted by clients to manage their most challenging environmental, health and social issues.

We have established operations and worked extensively across North and South America, Europe, Africa and Asia Pacific.

Among the business and industry rankings that have recognised us as a leading consulting and design firm are: Engineering News Record, Environmental Business Journal, Climate Change Business Journal, Environment Analyst, Edie and Verdantix.

We are leaders in air quality management; compliance and strategy; due diligence; impact assessment; litigation support; site investigation and remediation; and sustainability. Our depth of expertise in health sciences sets us apart from our competitors. Many of our consultants have earned professional credentials relevant in their fields, such as engineering, industrial hygiene and scientific board registrations and certifications.
OUR APPROACH

AS A TRUSTED ADVISOR, WE WORK TOGETHER TO SOLVE THE MOST CHALLENGING ENVIRONMENTAL, HEALTH AND SOCIAL ISSUES

Client Service
Our culture of insight and integrity and a strong focus on client service have earned us the respect and loyalty of private and public clients around the world. Our key clients represent the industrial, power, oil and gas, property, financial and legal sectors, as well as major municipalities and the regulatory and academic communities.

We maintain a tradition of direct involvement of senior-level engineers and scientists as hands-on consultants in both client relationships and project direction and leadership.

Advances in science and technology and evolving regulatory, legal and social pressures create increasingly complex challenges for our clients. We evolve to keep pace with these changes – by adding new services, contributing to scientific advances or expanding geographically.

Science-first Consulting
We have earned a reputation for technical and scientific excellence and innovation. Our independent science-first approach ensures that our strategic advice is objective and defensible.

We apply integrated multidisciplinary services and tailor each solution to our client’s specific needs and challenges.

Our experts are regularly called upon to provide strategic support in high-stakes environmental and tort litigation, an arena where credibility and integrity are paramount.

We are dedicated to developing solutions to solve the local and global challenges caused by today’s megatrends, such as urbanisation, globalisation, resource scarcity, climate change, demographic changes, and environmental challenges.

The nature of our work frequently positions us at the intersection of science, business and policy – fertile ground for developing ground-breaking solutions.

ANALYTICAL SCIENCE
Our analytical chemists and toxicologists collaborate to support clients and regulators who are addressing new compounds and chemicals of interest. For example, our analytical laboratories in Finland are working with Finland’s Ministry of Environment to establish natural and wastewater standards for new pesticides, pharmaceuticals and endocrine-disrupting compounds.
Parts of Asia have some of the worst air quality in the world. For many Asian megacities, the challenge is to properly balance growth and increased power demands with a sustainable approach that takes into consideration carbon footprint, health and safety and air pollution. On behalf of the Asian Development Bank, we are preparing a study on solutions that enhance resilience and reduce carbon emissions in large Asian cities. Image: Phaitoon/Dreamstime

AIR QUALITY MANAGEMENT
COMPLIANCE, STRATEGY AND TRANSACTION SERVICES
ECOLOGICAL SERVICES
HEALTH SCIENCES
IMPACT ASSESSMENT
LABORATORY SERVICES
RESOURCE AND WASTE MANAGEMENT
SITE SOLUTIONS

OUR SERVICES – THE BROAD SPECTRUM
WE COMBINE LOCAL EXPERIENCE WITH GLOBAL KNOWLEDGE AND EXPERTISE

At the forefront of our fields, we deliver innovative and sustainable solutions that make a difference to our clients, the environment and society as a whole.

Ramboll works as a strategic partner with clients. We gain an in-depth understanding of their needs and apply the best talent from around the world to help them respond to changing local and global market demands.

We help clients understand and manage the impacts of their activities and products, so that they can respond to business, regulatory or legal challenges effectively and develop sound strategies for operating sustainably.

Through our multidisciplinary global platform, we help clients around the world address some of the most important issues facing our global community, including the environmental and health implications of urbanisation, climate change and resource scarcity.

AVEDØRE POWER STATION, DENMARK
Ramboll brings innovation and insight to the transition from fossil fuels to renewables. At Avedøre Power Station in Copenhagen, we are helping DONG Energy to convert power station units from coal to biomass. The result will be a plant that is unique in the highly efficient way it uses fuel and produces heat and power with low CO₂ emissions.
WORLD CLASS PROJECTS

SCIENCE BENEFITS HOMES, US
Our scientists worked with US builders to resolve issues related to odours and damaging corrosive effects on copper and silver from certain drywall from China. We identified the gases involved, discovered the chemical reactions producing them and were the first to present this phenomenon to the US Environmental Protection Agency and US Consumer Product Safety Commission. Our discoveries also included the progressive nature of the related corrosion, which is a critical factor in determining successful remedies. We have overseen the replacement of drywall and repairs to over 2500 homes. (Image below)

AWARD-Winning EIA, FINLAND
Our EIA prepared for the proposed expansion of the Kemira Chemicals plant in Sastamala received an honorary award from the Finnish National EIA Association for “exceptionally good assessment of risks and the potential environmental impacts of disturbances and emergency situations”. (Image right below: Ithaka/Dreamstime)

THIRD-EVER REACH AUTHORIZATION, FRANCE
Roxel was granted the third-ever authorization under REACH in the EU for use of the phthalates DEHP and DBP for formulation and use of rocket propellant, based on our demonstrating safe use, preparing alternatives assessments and conducting a socio-economic evaluation of continued use.

IMPROVING AIR QUALITY, HONG KONG
In response to rapid urbanisation and explosive economic growth in the Pearl River Delta region, the Hong Kong Environmental Protection Department (EDF) retained us to upgrade an air quality modelling system that allows EDF to study the complex relationships among factors that influence Hong Kong air quality. We developed a comprehensive atmospheric modelling system for EDF to use in analysing emissions and meteorological and air quality data, and in forecasting regional air quality. (Image right above: Seasonweb/Dreamstime)

RECONSTRUCTING WORKPLACE EXPOSURES, ASIA
For a global electronics industry client, we completed a rigorous, quantitative exposure reconstruction for workers who had developed certain diseases during their employment at several semiconductor facilities in Asia. Our exposure reconstruction confirmed findings by the occupational agencies that the diseases were unrelated to exposures at the client’s facilities. (Image below)

AWARDS AND HONORS
Chemical Industry Awards (2010):
REACH Service Provider Award 2010
Finnish National EIA Association (YVA ry):
Honorary award for environmental impact assessment (EIA) prepared for Kemira Chemicals production plant in Sastamala, Finland
Edie Environmental Excellence Award (2011):
Best Consultancy for Due Diligence
American Academy of Environmental Engineers Excellence in Environmental Engineering Competition (2010):
Grand Prize, Research for American patent-pending VDC BioHeat® Technology
Gold Medal Business Achievement Award in Energy and Carbon
WORLD CLASS PROJECTS

IMPROVING LIVEABILITY, JEDDAH

We are developing an Environment and Social Master Plan to accommodate rapid urbanisation in Jeddah. Our report provides a baseline of current air, water and waste conditions, and proposals for corrective actions to improve living conditions. (Image right)

SAKHALIN II PHASE 2 PROJECT, RUSSIA

We serve as the Independent Environmental and Social Consultant working on behalf of lenders to this multi-billion dollar oil and gas development. Comprised of offshore platforms, pipelines, an oil export terminal and a two-train liquefied natural gas (LNG) plant, the project has attracted significant non-governmental organization (NGO) attention, particularly in relation to river crossings, resettlement and impacts on the endangered Western Gray Whale. In response to these sensitivities, we have worked closely with lenders to review ESIAs and management plans and to support the lenders in the negotiation of environmental and social elements of loan documentation. (Image right below: Platform in the Okhotsk Sea, Sakhalin II phase 2 project © Sakhalin Energy)

ADAPTING TO CLIMATE CHANGE, SAN DIEGO

We have worked with California’s Port of San Diego to create and implement a climate action plan that will reduce greenhouse gas emissions across half a dozen targeted areas, and to develop climate change adaptation studies that address local vulnerabilities to climate change. (Image far right)
Ramboll is a leading engineering, design and consultancy company employing 13,000 experts. Our presence is global with especially strong representation in the Nordics, UK, North America, Continental Europe, Middle East and Asia Pacific. We constantly strive to achieve inspiring and exacting solutions that make a genuine difference to our clients, end-users and society at large. www.ramboll.com