

# Inspired innovation

Our capabilities in Poland

We live where you live and understand the world's challenges. We know the importance of fresh water, clean and reliable energy, efficient transportation systems and industrial facilities, as well as beautiful and well served buildings, communities and cities. With thousands of experts globally, we are able to serve clients in more than 150 countries across all components of a project's life cycle including design, build, finance and operation.

The Polish economy's forward momentum provides a favourable environment for the development of infrastructure, power grids, commercial space and industrial capacity. The challenge is to balance the realisation of sustainable and innovative developments with a cost effective and streamlined approach. AECOM seeks to deliver the increasingly complex and ambitious projects that are a part of Poland's development. We offer a comprehensive suite of services that takes projects through their life cycles, and that transcends practises, sectors and geographies to re-imagine what clients can achieve.

Our experience in the Polish market has matured over the past 20 years, resulting in a firm base for local insight. Our relationships allow us to serve a broad range of public and private clients. We combine this local knowledge with global best practices through cooperation with our experts across Europe and the rest of the world.

# Industrial

Driving economies around the world, industry is pivotal to a sustainable future, creating wealth, building knowledge and meeting needs.

When it comes to industrial projects, it is best to put the last thing first. An industrial building's design should be informed by the operations it will come to support. AECOM's experts are able to influence the performance of a facility by putting future operations at the forefront.

We work closely alongside our clients to deliver bespoke industrial processing buildings that respond to specific operational needs. We also ensure that a facility can accommodate the proper equipment and components, and resolve transportation infrastructure issues. Both aspects are essential for a successful manufacturing and production facility.

## Selected areas

- Construction management
- Project management
- Engineering, Procurement and Construction Management (EPCM)
- Engineer Procure Construct (EPC)

## Selected services

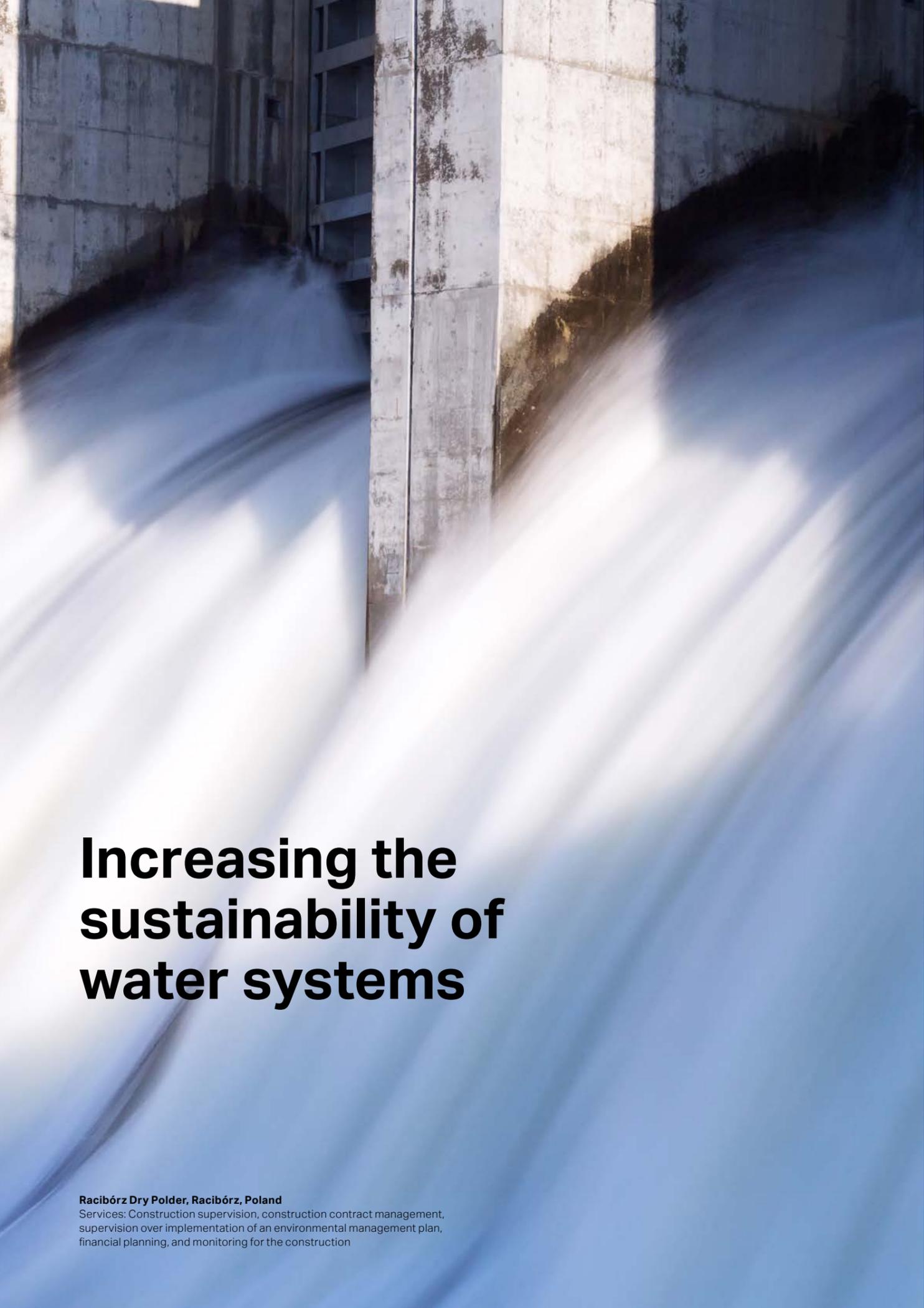
- Design management
- Procurement management
- Cost management
- Planning and scheduling
- Health & safety management
- Quality management
- Risk management
- Logistics management
- Site supervision
- Change management
- Defects management

P3 Logistic Parks, Piotrków Trybunalski, Błonie, Robakowo, Mszczonów, Poland



P3 Logistic Parks, Piotrków Trybunalski, Błonie, Robakowo, Mszczonów, Poland  
Services: Employer's representative, commercial manager, procurement and asset allocation

# Integrated solutions for complex challenges



# Increasing the sustainability of water systems

## Racibórz Dry Polder, Racibórz, Poland

Services: Construction supervision, construction contract management, supervision over implementation of an environmental management plan, financial planning, and monitoring for the construction

## Water

Water is central to human life and development. To balance the world's need for safe, reliable water with the protection of it as a critical natural resource, a deep understanding of different, interconnecting systems is required.

We create comprehensive delivery solutions for water, wastewater and wet weather systems. Our approach is to use both traditional and alternative services, such as programme management and design-build. Specifically, we can address everything from desalination, water resources and water reuse to tunnelling and community infrastructure.

Our water management team includes highly experienced hydrologists, hydrogeologists, ecologists, resource economists, numerical modellers, sustainability consultants, civil engineers and wastewater specialists.

We work with clients across the entire project life cycle — from initial planning studies through final construction and operations and maintenance services — on both traditional and alternative project delivery options (design-build, public-private partnerships and financing).

### Selected areas

- River basin management
- Sustainable water resource planning
- Flood protection
- River engineering
- Dams and reservoirs
- Hydropower plants
- Water & wastewater treatment plants
- Water transmission & distribution lines
- Sewage systems

### Selected services

- Asset valuations and management
- Hydrological and hydraulic studies, modeling and mapping
- Project planning, feasibility studies and applications for funds
- Technical and financial consultancy
- Environmental reports – EIA, SIA
- Stakeholders engagement and resettlements action plans
- Hydrological, topographical and geotechnical investigations
- Designing and permitting
- Procurement
- Construction supervision
- Technical, financial and environmental management/monitoring



**The Odra Vistula Flood Management Project**

The Odra Vistula Flood Management Project, worth more than one billion euro, is one of the largest flood protection schemes in Europe. As the consultant engineer under the new contract, AECOM will be engaged in the design preparation and construction supervision of infrastructure to protect the cities of Kraków and Tarnobrzeg and the towns of Wieliczka and Sandomierz from flooding, and will provide overall project management and technical assistance. The project includes the construction of dry polders and embankments; strengthening and rehabilitating embankments on several rivers, including the Vistula; and several other investments related to flood protection infrastructure.

# Improving transport systems for a better future

## Transportation

At AECOM, we understand the importance of safe, efficient and sustainable ways to move people across cities, countries and continents.

We build on our extensive knowledge to plan, design and manage transportation systems as well as restore and replace ageing infrastructure. Our understanding of today's transportation industry will move our communities into the future — safely and reliably.

The spotlight is on the industry to provide solutions that reduce congestion, increase the reliability of journey times, stimulate economic growth and make the best use of financial investment. As new infrastructure is developed, and existing road and rail networks are maintained, the industry must deliver schemes safely, on time and to budget.

AECOM provides multi-disciplinary services to the transportation sector, which has been undergoing rapid business growth over the last few years. We offer design and consultancy services that cover all aspects of infrastructure planning, design, project management, construction supervision and maintenance.

### Selected services

- Feasibility studies
- Preliminary design, detailed design and production of construction drawings
- Building Information Modeling (BIM)
- Environmental studies - EIA, SIA
- Traffic analyses and forecasts
- Project management
- Author supervision
- Construction management

### Selected areas

- Road and bridge design
- Traffic and economic assesment
- Railways
- Construction supervision
- Transport planning and consultancy



From left:  
**Modernised Historic Railway Bridge, Zgorzelec, Poland**  
Services: Geological research and construction design

**A4 Motorway, Poland**  
Services: Management, control and supervision

**S8 Expressway, Poland**  
Services: Design

Municipal Waste Incineration Plant, Bydgoszcz, Poland  
Services: Design and technical advisory



Mycielin Wind Farm, Western Poland  
Services: Owner's engineer

# Enhance the performance of power facilities



## Power

The world's growing need for reliable electricity puts added pressure on the power industry to develop cleaner, more efficient solutions. Our integrated approach delivers full life cycle support to help clients meet those challenges.

We have expertise in power generation projects that use traditional fossil fuels (natural gas, coal, lignite, oil) and renewable energy (wind, biomass, hydro, tidal and solar). We are also a recognised provider of engineering services for power transmission and distribution systems operators. To date, we have engineered and/or constructed more than 280,000 MW of electricity worldwide.

### Selected services

- Feasibility studies, cost estimates of various configuration applications
- Environmental/construction licensing and permitting services
- Project planning, engineering, development
- Project management, construction coordination (EPCM services)
- Owner's engineer/lender's technical advisor
- Assistance in commissioning and start-up
- Operations and maintenance services



# Clean solutions for future needs

**Rolls-Royce Facilities, Ropczyce and  
Sędziszów Małopolski, Poland**  
Services: Pre-acquisition environmental due  
diligence, environmental site assessment —  
soil and groundwater investigation

## Environment

Two of our key goals are the preservation and restoration of our natural environment. They build the basis for future-oriented and sustainable buildings, industrial sites and infrastructure.

Our skilled environmental engineers and scientists provide comprehensive environmental management services that meet our clients' business and operational life cycle needs. We provide them with risk assessments, impact analyses, operational compliance, and the remediation and restoration of impacted property.

Many of our clients in the industrial, financial and real estate sectors use our services to reduce transactional risk, develop and implement their sustainability strategies, and design and monitor environmental protection measures and health and safety management systems.

We have extensive knowledge of client processes and operations, local and regional regulatory settings and standards, and emerging global trends. Our understanding sets us apart as a single source for all of our clients' environmental consulting needs.

### Selected services:

- Environmental reports — ESHIA, EIA, SIA
- Soil and groundwater investigations
- Energy audits
- Environmental, health and safety compliance audits
- Environmental due diligence (including phase I and phase II)
- Hydrogeological and geotechnical investigations
- Environmental quality monitoring (groundwater, surface water, soil, air, noise, and vibration)
- Noise maps preparation and noise measurements



**John Deere Regional HQ and Training Facility, Tarnowo Podgórze, Poland**  
 Services: Architectural, engineering and project management

**Galeria Młociny, Warsaw, Poland**  
 Services: Construction project management, statutory site supervision, cost management

# Transforming communities

## Buildings

Diverse office environments, domestic dwellings and dynamic retail destinations make up a large portion of our communities and dramatically shape the cities and towns in which they are built.

We work with owners and developers to deliver creative and flexible real estate projects around the world. Today, our clients want distinct projects that are unique but have the capacity to seamlessly pivot toward future market trends. Modern commercial, residential and retail buildings present opportunities to investigate new and innovative concepts that could fundamentally alter the collective vision of what is possible within these spaces.

The key to these types of spaces is to redefine what they can be. It is possible to create an efficient residential building with a low carbon footprint simply by implementing environmentally-responsible materials. An outdoor space within a commercial building can be re-imagined as a platform for enhanced employee interaction. Where others see technical challenges, AECOM's specialists see potential and solutions.

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- Planning and scheduling
- Health & safety management
- Quality management
- Risk management
- Logistics management
- Site supervision
- Change management
- Defects management



# Offices in Poland



## Main Office

### **Warsaw**

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### **About AECOM**

AECOM is built to deliver a better world. We design, build, finance and operate infrastructure assets for governments, businesses and organizations in more than 150 countries. As a fully integrated firm, we connect knowledge and experience across our global network of experts to help clients solve their most complex challenges. From high-performance buildings and infrastructure, to resilient communities and environments, to stable and secure nations, our work is transformative, differentiated and vital. A *Fortune 500* firm, AECOM had revenue of approximately \$17.4 billion during fiscal year 2016. See how we deliver what others can only imagine at [aecom.com](http://aecom.com) and [@AECOM](https://twitter.com/AECOM).