

Environmental Services

Environmental Permitting and Approvals

We provide world-class sustainability and environmental services to our clients to help deliver projects incorporating sustainability principles with minimal impact to the environment and community. At Hatch, we recognize that sustainability requires the optimization of environmental, social and economic outcomes. This ensures ecosystems are maintained, communities thrive, and society prospers, now and in the future. Sustainability is at the core of how we deliver value to our clients as a socially responsible company.

Hatch's Environmental Services Group delivers sustainability by integrating environmental, social and economic considerations throughout the project life cycle. Sustainability is integral to the way in which Hatch runs its business. Our services focus on the mining, energy and infrastructure sectors.

As projects move into more remote parts of the world, the integration of environmental and community considerations is increasingly a key to their success. Social and ecological awareness has increased among project stakeholders. Hatch and our clients are driven to ensure that projects are delivered with minimal impact to the environment and community surrounding our work sites. In fact, we strive to leave conditions better than when we arrived.

Environmental and social-impact assessment and management

Many projects, particularly in heavy-industry and mining sectors, are subject to environmental and social-impact assessments and management processes. We provide an assessment-and-management approach that integrates environmental, community, and social matters, giving you the ability to cost-effectively manage issues throughout project development.

We help clients manage issues in a cost-effective manner throughout all stages of project development by bringing broad knowledge and local experience on environmental regulations and standards and experience in ensuring compliance in project delivery. We offer these specialty environmental services:

- Environmental impact assessment and management
- Environmental management systems, including ISO 14001
- Environmental and social due diligence
- Environmental mining services, including closure and facilities decommissioning plans



Hatch provides timely, efficient and strategic environmental advice to achieve regulatory compliance on our clients' projects.

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Permitting Support Services

Hatch has successfully provided environmental permitting and regulatory compliance support for numerous projects in the metals and mining, energy, and infrastructure sectors. Hatch engineers, environmental specialists and stakeholder engagement professionals work directly with client project teams to deliver optimum value. With a global presence and diversity of projects, Hatch is well positioned to develop and maintain the relationships with local and regional regulatory bodies, which are essential for permitting success.

Our team has experience working with government legislation, regulations, policies and guidelines in many jurisdictions and levels of government. We support clients with regulatory compliance and approval processes on projects of all sizes, at any project phase. Scopes of work which Hatch have completed include:

- Developing and maintaining permitting timelines that align with project management and engineering scheduling requirements
- Developing legislative and permitting framework for project execution, and the associated scopes to support this work
- Permitting support associated with project-specific environmental assessments and environmental impact assessments
- Preparing specific documentation for applications and referrals in all sectors, from water permitting, to threatened species or emissions standards
- Preparing specialised permit requirements and strategic environmental advice, such as environmental management and monitoring plans, closure and reclamation plans, and emergency response plans
- Conducting Indigenous, community and stakeholder engagement regarding compliance issues
- Liaising with regulators in all levels of government.

We are experienced in providing extensive support in permitting and regulatory compliance and have shown a consistent ability to meet client, regulatory and stakeholder expectations.

Environmental Engineering Services

The environmental services group provide resources which are integrated into engineering teams to ensure that environmental considerations are incorporated into design. This approach means that Hatch can provide an engineering design which is compliant with regulatory frameworks and global best practice for environment and sustainability in design.

Technical Services

Our clients can benefit from a team of specialists who are experienced in a variety of technical areas.

Water Management

Managing water resources involves satisfying multiple objectives, including quantity, cost, timeliness and numerous quality and environmental requirements. We can offer solutions through services such as water supply studies, water quality monitoring, regulatory studies, technical assessments, training and on site management to meet regulatory conditions.

Due Diligence

Hatch performs environmental and social due diligence assessments for client mergers, acquisitions, property sales or greenfield projects. Working with our engineering team, we review and assess issues regarding the environmental and social context of a project or facility and quantify the related risks and liabilities. The environmental and social due diligence process consists of:

Waste

Hatch provides waste management solutions through integrating business and operation effectiveness with technical concepts. These services can include collection, recycling, composting, gasification/ combustion and landfill. Hatch can provide design, permitting, construction and commissioning of integrated solid waste management facilities.

Social impact assessment and management

We help clients to secure and maintain effective communications with stakeholders, access to land, and project security, to obtain a social license to operate. We work with engineering, procurement and construction teams to create opportunities for sustainable community development, manage expectations, reduce the possibility of work stoppages, and support projects so that they are executed on time and budget. Specific expertise that can be delivered as stand-alone services to our clients or fully integrated into a project includes:

- Social impact management services
- Equator Principles assessments
- Local content strategies
- Stakeholder engagement and consultation.



Mine Closure planning begins with mine planning and is updated regularly over the life of a mine.



Hatch can provide best practice services in the measurement and management of water.

Sustainability Services

Climate change and carbon management

Driving down greenhouse gas emissions and keeping it below a critical threshold requires transformative change across all sectors of the economy, using innovative technologies and binding commitments at an international level. Programs that enhance climate resilience, especially in vulnerable regions, are essential for adapting to a changing climate.

We help clients assess the risks and abatement opportunities of operating in a carbon-constrained environment by employing our knowledge of global trends in greenhouse gas policy and an understanding of both process- and energy-related greenhouse gas emissions. We integrate our diverse capabilities in carbon management and climate change adaptation, energy efficiency and demand management, carbon capture and storage, and renewable and alternative energy technologies. Our Hatch Climate Change and Sustainable Development practice assesses the impact of technological advancement. We help clients assess the risks and abatement opportunities of operating in a carbon-constrained environment by employing our knowledge of global trends and an understanding of both process- and energy-related greenhouse gas emissions.

Sustainable strategies and programs

Profitable and innovative solutions are often found if sustainable-development principles and strategies are integrated early in a project's life cycle and then carried throughout its phases. Linking sustainability objectives to development outcomes supports strategic decision-making, especially for long-term projects that face regulatory uncertainty.

Hatch's sustainability methodology also looks beyond a project's capital expenses to examine opportunities for innovative changes in management or design, leading to improvements in operating efficiencies and value-added solutions.

Our philosophy of 'mitigation by design' emphasizes our belief that triple bottom line outcomes (social, environmental and economic) are not only attainable, but a pre-requisite to build a sustainable future.

