



Solutions for
Environment | Safety | Risk



EnviroSolutions & Consulting (ESC) is a leading Environment, Safety and Risk consultancy in Asia.

ESC combines an international outlook with local knowledge, for our business and government clients. Our offices are located in Singapore, Malaysia, Indonesia and Hong Kong and form part of a global network of over 120 country offices.

Our thorough understanding of the local environment, regulations, policies and practices combined with a clear client focus enable the straightforward understanding of often opaque and unfamiliar regulatory structures.

Whether evaluating policies, delivering practical EHS solutions or assessing compliance or project impacts, we deliver innovative services and offer technical expertise to identify and implement the most appropriate and applicable responses for the Asian environment.

www.envirosc.com



Key Facts

Since our formation in 2003, ESC has advised Corporate officers, Boards, multi-lateral agencies and governments, both regionally and globally, on a broad range of EHS and Risk related topics covering a multitude of technical disciplines.

Founded in Singapore in 2003

A client-focused full service EHS & Risk Consultancy

Key offices in Singapore, Indonesia, Malaysia & Hong Kong

Part of a network of more than 120 country offices spanning the globe

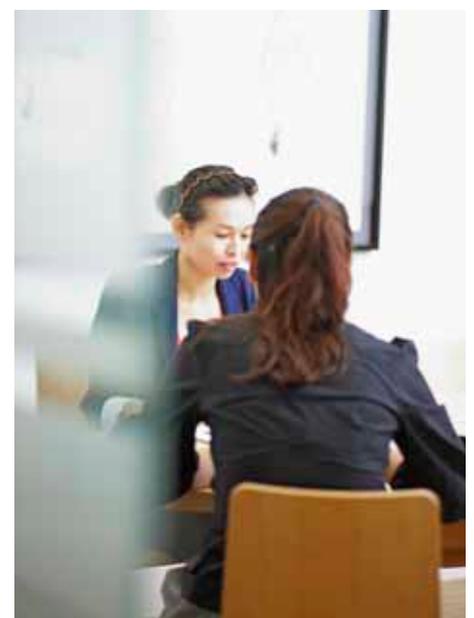
A leading EHS solutions advisory and provider of specialist EHS services for;

Business and Government Clients across Asia

The ESC Advantage

Well-founded associations with local firms and specialists across the region enable ESC to deliver excellent consulting services very cost effectively. As such, we bring many strengths to our clients and their projects, specifically:

- Extensive local expertise combined with international experience
- Broad and deep technical skills and experience which we apply consistently across all our projects no matter how diverse they are in size and complexity
- We work with our clients to create the essential ingredients for success based upon our thorough understanding of their business and project requirements
- A commitment and enthusiasm for developing cost-effective and integrated solutions in cooperation with the client and all other stakeholders
- Professional integrity and a respect for the importance of commercially sensitive information



Our People & Philosophy

In the complex diversity that is Asia, we believe our client's needs are best served with the right technical skills coupled with a deep local knowledge and an international outlook. To enable this our consultants are drawn from a mix of nationalities and professional backgrounds, and possess extensive Asian and international experience.

Our multi-disciplinary professionals include:

- Environmental Scientists, Planners, Economists and Engineers
- Geological Scientists & Engineers
- Chemical Scientists & Engineers
- Qualified Health & Safety Professionals
- Qualified Risk Specialists & HAZOP Chairmen
- Qualified and experienced air and noise specialists and modellers

We always aim to exceed client expectations and focus on creating value for our clients by:

- Establishing our clients drivers and ultimate goals
- Understanding the project context and any local opportunities and constraints
- Developing practical, cost effective solutions which best meet these needs within identified parameters
- Minimizing our clients exposure to risks and uncertainties
- Maximising our clients benefits throughout our business relationship
- Enhancing our clients corporate reputation and image
- Maintaining state of the art tools, software and models to enable the best solutions



Our Services

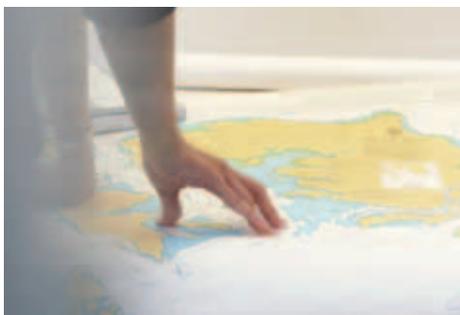
We provide a full range of EHS services to manage your environmental, safety and risk needs.



Planning & Assessment

ESC's track record in achieving permit acquisition and compliance is unrivalled in Asia. Our comprehensive understanding on the intricacies of local and international practices, policies and standards, combined with our clear perception of client objectives enable the straightforward negotiation of and compliance to, often opaque and unfamiliar regulatory structures.

ESC provides Environmental, Social, Health and Economic Impact Assessments for country-specific and international requirements such as the Equator Principles and IFC Performance Standards.



We apply both best practice and innovation to the selection of our assessment tools that range from GIS to dispersion models and visualisation techniques. Our dedicated client focus ensures that any project issues are addressed in a practical and cost-effective way.

We have strong and successful professional relationships with regulatory authorities, and an extensive and up-to-date knowledge of each specific country's legislative frameworks as well as their underpinning objectives. Each of these factors enable us to bring clarity to the challenges faced by our clients, but more importantly give our experienced team the skills to illuminate the pathway and guide our clients to their desired goal in an efficient and effective manner.

EHS & Risk Management

ESC provides insightful advice and comprehensive services to help our clients identify, manage and mitigate EHS risks cost effectively. Taking an integrated approach, ESC provides strategic information and guidance on current and emerging EHS laws, regulations and standards for all aspects of risk and compliance, thus ensuring that our clients are kept ahead of the curve with regard to regulatory and policy issues. Our services are focused on helping to achieve best practice in the management of environmental, health & safety compliance and risk requirements.

Whether we are providing strategic advice, identifying and managing EHS risks or permitting requirements, or developing training plans, ESC provides the resources and skills necessary to meet both client objectives and internal and external reporting requirements. Our clients benefit from our highly experienced, multilingual consultants, and we are in a unique position to keep your company leading the field in terms of EHS excellence whilst at the same time enhancing the value of your corporate brand.



Site Remediation & Management

Our services are focused on providing our clients with protection from financial risks and liabilities via the provision of a full range of site investigation, remediation and closure services. Most often identified within the acquisition or divestiture process, sub-surface contamination can entail significant liabilities. Identification of such contamination and its extent is only part of the process and ESC will assist you to negotiate the often opaque and unfamiliar regulatory structures by utilising our unparalleled knowledge of relevant authorities and legislation.

To enable the efficient closure of all issues, ESC's technical expertise will identify and implement the most appropriate and applicable remedial solutions for the Asian environment. This ensures that long term liabilities are resolved effectively and efficiently within defined timeline and budget constraints.

Transaction Services

ESC provides critical, time-sensitive advice to help our clients manage EHS and operational risks and liabilities during acquisitions, mergers, joint ventures and divestitures, as well as conduct EHS due diligence for project finance including Equator Principle reviews. We safeguard our clients against material liabilities as well as potential damage to their brand or reputation.

In a typical industrial transaction, EHS concerns are often the most challenging issues encountered. ESC creates value by enabling our clients to negotiate knowledgeably and effectively on EHS issues. To facilitate this, ESC's transaction practice is based on two major activities, the preparation of an EHS Assessment report and the provision of advisory services to the buyer or seller on all EHS aspects of the deal to point of completion, when ESC can create value by actively managing any subsequent claims process to point of closure.





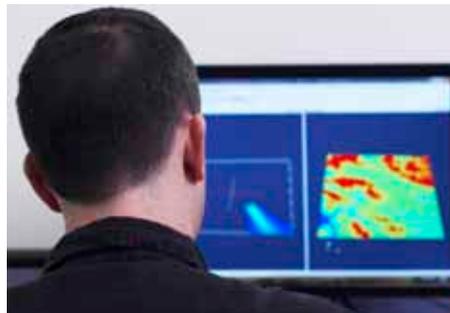
Waste Management

The ESC team has unrivalled waste management experience within Southeast Asia, having completed numerous complex technical projects for Government, Overseas Development Aid & Multi-National clients.

Our completed projects have covered the full range of waste types inclusive of municipal, commercial, industrial and hazardous wastes and we have consistently demonstrated our ability to identify the most appropriate handling options from the myriad of possibilities contained within the waste management hierarchy.

ESC have successfully undertaken detailed studies on waste generation, collection, transportation, reutilisation, recycling and disposal. We have provided advice to policy makers on waste management strategies and regulations, designed waste transport, sorting, transfer, treatment and disposal facilities and produced comprehensive yet accessible training materials that deal with a diverse range of topics ranging from waste minimisation and recycling to the maintenance, management and operation of regional waste sorting, composting and landfill facilities.

It is our holistic and practical approach coupled with our insights into and deep knowledge of the Asian setting that enables our clients to benefit from the application of our credible and cost effective solutions to all waste management challenges.



Air Quality & Noise Management

We deliver appropriate solutions to achieve best practice air and noise standards. With experience from country-wide inventories and modelling to individual site studies, our skills and tools have been tested, adapted and calibrated to the local Asian context. Our knowledge, experience and client focus enable us to deliver high-quality, reliable and affordable assessments and the design of forward-looking solutions.

We maintain state of the art tools, software and models that have been calibrated to the Asian environment. Whether evaluating innovative policies, testing alternative scenarios, assessing project impacts or conducting monitoring programmes, we deliver secure and holistic answers based on bulletproof science and a proven track-record.



Sustainability & Climate Change

Many businesses may not have fully considered the strategic implications of emission constraints or estimated potential impacts on earnings. Statistics show that given the recent and projected growth in global emissions, mitigation and adaptation strategies by all major economies will need to be stronger and earlier than previously considered necessary.

Unique in Asia, ESC is founded on a distinctive blend of scientific, policy, economic, business and industry sector expertise. With our keen insights into carbon management and energy strategy we help clients to integrate sustainability into their core business decision-making processes and culture. This enables clients to identify and prioritize specific sustainability opportunities across the value-chain, with the three-fold benefits of meeting consumer and regulatory expectations, and improving the bottom line.

Technological change holds the key to both the mitigation costs of reducing greenhouse gas emissions and the adaptation costs of adjusting to climate change. Our carbon consulting practice offers unique capabilities through our expertise, excellence and experience in the application of proven carbon management solutions using a variety of technologies.

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