



# Sustainable Solutions for the Technology, Media and Telecommunications Sector

# Industry solutions

## The global technology, media, and telecommunications (TMT) sector influences and shapes society today.

The TMT sector includes companies involved in media and entertainment content production, data centers, semiconductors, electronic design, and manufacturing. The sector faces numerous sustainability challenges - from product life cycle and supply chain management considerations, energy management and infrastructure, data privacy, and cybersecurity. The TMT sector is built around rapid change, driven by technology and talent, and our clients are constantly tasked in responding to these changes.



## ERM solutions for sustainable business outcomes



### Sustainable Business Model

Creating balance between environmental, economic and social sustainability by:

- Creating a sustainable product lifecycle, while maintaining a positive social impact
- Managing the brand through reputational stewardship to create optimal brand loyalty

**A sustainable business model successfully creates** a competitive advantage by reducing costs through streamlined processes, enhanced employee productivity and resource conservation. This attracts employees and pleases shareholders.



### Environmental Responsibility

Responsibly coordinating environmental, health and safety resources during a product's lifespan is a key factor for:

- Reducing the environmental impact and maximizing economic benefits through proven sustainability methods
- Advising on product stewardship strategies to minimize environmental impacts throughout the entire product lifecycle

**An environmentally responsible organization** maximizes the efficient use of resources, increases productivity and eliminates waste to benefit future generations.



### Human Capital Management

Integrating health and safety "best practice" solutions for business optimization, which includes:

- Developing hiring, training and performance appraisal procedures
- Advising on health and safety policies to comply with legislation/best practices
- Establishing procedures for enforcing company safety policies

**A robust human capital management fosters a safety culture in which** employees and their supervisors work together to certify safety. This reduces losses due to absenteeism, injuries and health care claims.



### Operations and Governance

Creating harmony between Environmental, Social and Governance factors for:

- Establishing key goals, metrics and formalized reporting tools for measuring success and understanding sustainability oversight and strategies
- Mitigating risk by adhering to supply chain compliance and avoiding environmental liabilities, employee health, safety issues and social/labor concerns
- Acquiring/divesting business elements to reduce risk management

**Strong Environmental, Social and Governance factors create tangible results** of improved risk management, product innovation, cost savings, employee engagement and client loyalty.



## Market expertise

**Our global network**, extensive in-country experts, and global partners provide comprehensive environmental, health, safety and sustainability (EHSS) solutions, sustainable business model, human capital management, operations and governance expertise. From identifying new growth opportunities to addressing long-term environmental, social, and economic challenges, ERM can help deliver high-impact solutions, optimize operational performance, minimize risk and maximize opportunity.

### Advanced Manufacturing

ERM improves clean room facilities and e-waste program logistics by utilizing strategic EHSS solutions. We understand the impact of circular economies and optimize processes to boost performance, while upholding environmental responsibility. Our work includes compliance audits, supply chain strategies and management services to increase productivity, conserve resources, optimize lifecycle costs and reduce risk management.

### Data Centers

ERM's EHSS approach proactively identifies efficiencies and processes for data centers throughout the full lifecycle. This begins with site selection and continues during construction and into facility operations. ERM's EHSS services include material lifecycle analysis, environmental compliance, staffing support, product stewardship and numerous other key safety and sustainability expertise.

### Supply Chain

ERM effectively manages supply-chain performance solutions across energy, environmental, health and safety and sustainability markers. Sustainable products are responsibly brought through the supply chain and to market, utilizing ERM's proven product stewardship management, regulatory audits, full material disclosure and labelling compliance expertise.

### Research & Development

ERM's comprehensive EHSS programs for R&D include "best safety" practices protecting workers during product development, consumers while using the products and the environment during the entire product lifecycle. Our programs, policies and training give workers the knowledge needed to be safe and socially responsible. Areas of focus include robotics, laser and other advanced technology safety, and industrial hygiene.

### Telecom Infrastructure

ERM provides a proactive approach to planning, permitting and implementing infrastructure projects including fiber, towers, switching stations and subsea cables. ERM's unique approach and customized solutions deliver personalized results for telecom project needs.

### Corporate Campuses / Light Industrial Centers

ERM provides transactional services (due diligence and mergers & acquisitions), site identification, Leadership in Energy and Environmental Design (LEED) development, "blue sky" design strategies and EHSS staff transactional services. Although very different in needs, they are all carefully executed by ERM's expert staff, specializing in bringing responsible, environmental and safety solutions to each project.



# ERM services



At ERM, sustainability is our business. As the largest global pure play sustainability consultancy, we partner with the world's leading organizations, creating innovative solutions to sustainability challenges and unlocking commercial opportunities that meet the needs of today while preserving opportunity for future generations.



## Capital Project Delivery

Helping clients keep capital projects on schedule and on budget by mitigating environmental, safety, and social risks from conception to final investment decision, through operational handover and ongoing management.



## Corporate Sustainability and Climate Change

Partnering with leading organizations to address complex sustainability challenges, from climate change risk to human rights, by clarifying strategic direction, designing corporate programs, and enhancing transparency and the robustness of public disclosures.



## Digital Services

Helping business leaders achieve a step-change in EHS and sustainability performance through tech-enabled innovation. We deliver these business outcomes at pace and scale through the integration of our global network, exceptional subject matter expertise and deep digital capabilities.



## EHS Management and Compliance

Working with every level in the organization to define, design, and deploy programs that achieve and sustain compliance, effectively manage EHS issues, and also control operational costs and reduce risks.



## Liability Portfolio Management and Remediation

Managing risks through strategic approaches, digital applications and best-fit technical methods that identify, assess and manage environmental liabilities. Actively engage with clients to understand and respond to their specific and evolving needs and obligations through an end-to-end integration of site investigation, remediation, decommissioning and retirement.



## Mergers & Acquisitions

Helping clients mitigate environmental, social and governance (ESG) and sustainability risks to maximize and protect value throughout their investment lifecycle by delivering insight-driven, commercially-focused due diligence.



## Operational Performance

Helping global organizations mitigate risk, grow revenues, and manage costs by optimizing and transforming EHS functions to connect deeply to operations, integrating data-driven approaches, and delivering managed services.



## Product Stewardship

Helping clients bring products to market safely, sustainably, and in compliance with global regulations, in a way that also meets their business goals and satisfies key stakeholders.



## Safety Services

Encouraging clients to move beyond traditional compliance and corrective programs so that they can maximize the return on their investments in safety - to safeguard lives, protect assets and strengthen reputation.

**40+**  
countries & territories

**5500+**  
employees

Served **50%**  
of Global Fortune 500  
in past 3 years

**50**  
year history

**160+**  
offices

**20,000+**  
projects  
each year

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