



CORPORATE SUSTAINABILITY

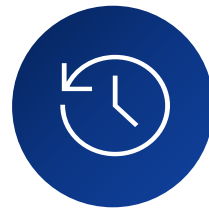
Accelerate your sustainability journey with Ricardo



ABOUT RICARDO

WE ARE A GLOBAL STRATEGIC, ENVIRONMENTAL AND ENGINEERING CONSULTING COMPANY

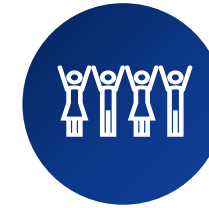
Our teams of consultants, environmental specialists, engineers and scientists support customers in solving the most complex and dynamic challenges to help achieve a safe and sustainable world. We advise international policy makers (including the EU), national and local governments, trade associations and companies. We provide tailored support from concept to completion across the value chain, gathering robust evidence to inform effective strategies which we help to implement and report on.



Deep heritage of
108
years of
innovation



Located in
23
countries
worldwide



More than
3000
colleagues
worldwide



We have over
2500
live
projects

SUSTAINABILITY IS A BUSINESS IMPERATIVE

Investors, regulators and your customers are demanding credible sustainability plans along with robust evidence of progress made towards your sustainability goals. We are increasingly seeing that organisations that embed sustainability into their business models and governance create lasting business advantages and build resilience, whereas inaction can mean losing market share to competitors, failing to meet regulatory requirements, missing out on investment and risking reputational damage.

To achieve real progress on your sustainability journey, your long-term strategy must address sustainability from an organisational, supply chain and product perspective.

ORGANISATIONAL SUSTAINABILITY

Sustainability should be embedded into your operations and culture at every level from board down. It should be considered in every business decision as an essential part of your strategy for future growth and resilience.

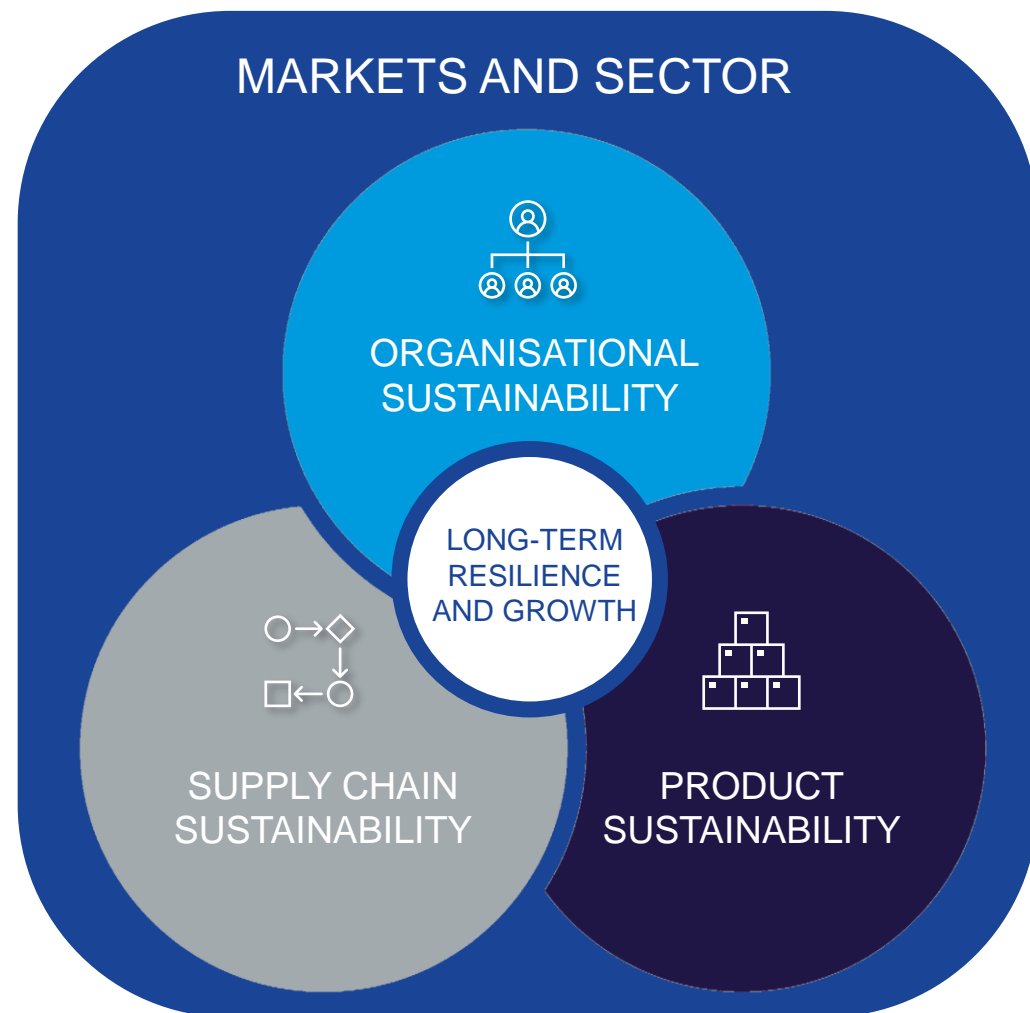
SUPPLY CHAIN SUSTAINABILITY

You must engage with your supply chain on your sustainability journey – your business does not exist in isolation and a huge number of environmental and social impacts and risks can be mitigated within both your upstream and downstream value chain.

PRODUCT SUSTAINABILITY

By addressing sustainability through your product portfolio, you can meet consumer demands, maintain and develop access to markets and build your brand reputation.

A deep understanding of your impacts, risks and responsibilities should underpin a robust sustainability strategy and implementation plan across all these areas.



HOW RICARDO SUPPORTS YOUR BUSINESS

Ricardo's experts can work with your organisation to accelerate and optimise your sustainability journey addressing business-critical issues. Our breadth and depth of capabilities help our clients to achieve an effective, forward-thinking and sustainable way to do business.

We can guide you through all the stages of your sustainability journey, as a targeted project or as part of a wider sustainability programme. We work collaboratively with our clients, usually forming longstanding partnerships. We take the time to truly

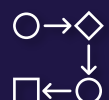
understand your needs and motivations to provide deep insights and implement bespoke solutions that help you identify opportunities and achieve your ambitions.

Clear communication is at the core of our client relationships ensuring clarity on expectations and progress as well as building mutual trust. We'll also help you to communicate complex concepts and your successes, both within your organisation and to external stakeholders, through presentations, corporate reports and marketing channels.



ORGANISATIONAL SOLUTIONS

- Net zero and decarbonisation strategy
- ESG strategy
- Circular economy strategy
- Corporate reporting and ESG disclosure
- Regulatory & policy compliance and planning
- Climate risk identification and mitigation
- Climate transition plans



SUPPLY CHAIN SOLUTIONS

- Value chain (Scope 3) emissions inventory
- Scope 3 emissions reduction strategy
- Sustainable procurement
- Supply chain due diligence
- Social life cycle assessment
- Climate risk mitigation
- Regulatory advice



PRODUCT SOLUTIONS

- Product life cycle assessment
- Circular economy strategy
- Green claims support
- Policy and regulatory compliance
- Sustainable product design
- Product decarbonisation
- Sustainable packaging advice



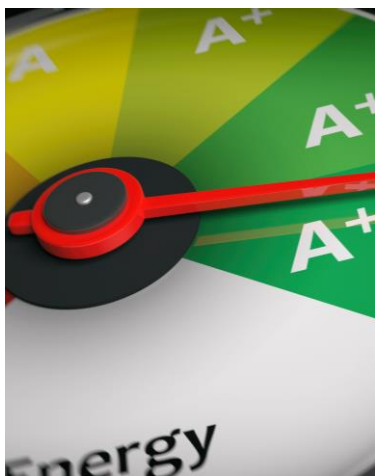
ENVIRONMENTAL SOCIAL GOVERNANCE (ESG)

HELPING YOU TO NAVIGATE RISK AND OPPORTUNITY IN THE COMPLEX ESG REGULATORY LANDSCAPE

Corporate sustainability efforts are fast transitioning from voluntary to mandatory and are now under even greater scrutiny. At Ricardo, our aim is to support your organisation's long-term success and value creation by providing expertise to help you plan, implement and report against robust and credible ESG and sustainability strategies. We work with clients to identify material issues and translate what they mean for the business. Using deep technical knowledge and experience, we develop progressive strategies, underpinned by powerful execution pathways.

We can help you to understand the current and upcoming ESG regulatory landscape (including CSRD, CBAM and CCDA), what your obligations are and the benefits of reporting against the different voluntary frameworks. We can assist you to set up reporting and data gathering mechanisms to obtain clear, well-evidenced ESG metrics. We can also ensure that reports are structured in a way to communicate with internal and external stakeholders at all levels of understanding, to enable transparent reporting and disclosure. We'll help you go beyond transparency and reporting by supporting you to fully integrate ESG into your business strategy to become a truly sustainable organisation with enhanced performance and resilience built into your value chain.

- Policy and regulatory impact assessment
- ESG diagnostic and gap analysis
- Stakeholder and value chain mapping
- Materiality and double materiality assessments
- Vision and ambition setting
- Strategic ESG and climate roadmaps
- ESG integration support
- Sustainability and ESG reporting
- Climate and TCFD reporting
- Climate scenario analysis
- Climate transition plans



NET ZERO AND SCOPE 3 EMISSIONS

PLANNING AND IMPLEMENTING YOUR MOST EFFECTIVE PATHWAY TO NET ZERO EMISSIONS

Climate change will disrupt your business systems and affect your bottom line, but forward-looking organisations are already planning and implementing net zero strategies to turn threat into opportunity – reducing risks to their business operations and increasing their resilience and adaptability.

We support organisations to tackle their direct (Scope 1) and indirect energy (Scope 2) emissions, as well as their value chain (Scope 3) emissions which can account for more than 90% of an organisation's carbon impact.

Every organisation is different which is why we tailor our solutions to your own situation and climate ambitions, but we always use robust evidence, tried and tested methodologies and our deep experience to help you plan and achieve your net zero ambitions. Net zero is a journey that requires buy-in from multiple stakeholders: the board, the staff, suppliers and investors – our experts can facilitate engagement and education to align all relevant parties to help you accomplish your climate goals.

We offer a range of services to help organisations realise their net zero ambitions:

- Carbon footprint and baselining
- Scope 3 emissions inventories
- Emissions projections and net zero modelling
- Net zero measures and scenario modelling
- Target setting and SBTi alignment
- Development of net zero and scope 3 roadmaps
- Supply chain stakeholder engagement
- Technology feasibility and design options
- Implementation support
- Energy and carbon reporting
- Site energy auditing
- Progress review and update of strategic plans.



LIFE CYCLE ASSESSMENT

PROVIDING CLIENTS WITH A DEEP UNDERSTANDING OF THEIR ENVIRONMENTAL AND SOCIAL IMPACTS

We provide our clients with robust evidence of the impacts of their products and services by conducting environmental and social life cycle assessments (LCAs). This enables our clients to identify 'hotspots' for action across product portfolios or in the life cycle of a particular product from raw material to end-of-life. LCA can be used as a tool for comparison between products and can model the impacts of new or redeveloped products.

Our experienced team of experts use the latest methodologies compliant with international standards. They provide strategic advice on the best approach to provide the evidence you need for regulatory compliance, to inform decision-making or back up green claims depending on your sustainability goals. Our team will help you to understand the results and can build them into a wider sustainability strategy. We can support you to communicate the results effectively to stakeholders and understand what green claims can be made based on the results when marketing your products. Our team can also build LCA tools and offer training enabling you to build capacity within your own workforce.

- Portfolio analysis
- Product LCA
- Product Environmental Footprint (PEF)
- Social LCA
- LCA critical review
- Environmental Product Declarations (EPD)
- Green claim support
- Total business LCA
- Training
- Tool creation



CIRCULAR ECONOMY

EMBEDDING A CIRCULAR APPROACH FOR INCREASED SUSTAINABILITY, COMPETITIVENESS AND RESILIENCE

A circular economy keeps resources within the value chain for as long as possible and reduces waste, lowering environmental impact and contributing to social and economic value. Embedding a circular approach can help address raw material scarcity, supply chain risk, increasing regulatory requirements and ever higher expectations from investors and customers. A strong circular economy strategy is therefore increasingly essential for organisations aiming to become more sustainable, competitive, and resilient.

Our experts will help to develop and implement a strategy to set a roadmap for current and future regulatory compliance that benchmarks against best practice and leading performance and identifies tailored interventions to embed a circular approach within your organisation. We can also identify and develop key metrics and targets to monitor and report on progress and demonstrate your ambition.

We can support you with product design that embraces longevity, repairability, reuse and recycling as well as the development of new business models that can capitalise upon opportunities from a circular approach. In addition, our sustainable packaging experts can help you to reduce the environmental impacts of your packaging without compromising on protection or aesthetics.

- Circular economy strategy
- Circular economy metrics and reporting
- Sustainable packaging
- Product design and innovation
- Policy and regulatory compliance research
- Sustainable procurement
- Circular economy training
- Waste strategy

EXPERTISE ACROSS MULTIPLE SECTORS

Ricardo couples deep sectoral experience with expert technical abilities to bring vital insights and actionable strategic advice to our clients.

AUTOMOTIVE



Passenger vehicles | Commercial vehicles | High-performance vehicles | Off highway vehicles | Motorsports | Motorcycles

RAIL & TRANSIT



Urban rail | High speed rail
Conventional rail | Freight rail

AEROSPACE & DEFENCE



Aviation | Airports | Defence

MARITIME



Ports | Marine

ENERGY, UTILITIES & WASTE



Clean & renewable energy
Energy storage | Energy infrastructure | Water utilities | Waste & resource management

GOVERNMENT & PUBLIC SECTOR



Central government | Cities & regional government | International development

FINANCE & PROFESSIONAL SERVICES



Banking and capital markets | Wealth and asset management | Professional consultancies | Infrastructure services

INDUSTRIAL & MANUFACTURING



Mining & resources | Chemical manufacturing | Product and retail

START A CONVERSATION ABOUT
ACCELERATING AND OPTIMISING
YOUR SUSTAINABILITY JOURNEY



info@ricardo.com



www.ricardo.com