



COMPLIANCE - RISK - PERFORMANCE

GREEN TRUST: SOLUTIONS FOR THE BUILT ENVIRONMENT

GREEN TRUST BY SOCOTEC

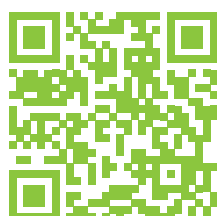
Supporting environmental and energy transitions

Since 1953, SOCOTEC provides assistance to its clients as an independent trusted third-party to ensure the sustainability of the built environment. SOCOTEC's experts help anticipate risks, and adapt new or existing constructions to climate change and energy challenges, supporting the transition to sustainable buildings, infrastructure and industry. Green Trust service offering is linked to at least one of the six environmental objectives of the European Taxonomy:



GREEN TRUST Solutions by SOCOTEC :

- 1 Contribute to reducing the environmental impact of the built environment such as real estate, facilities, equipment, and infrastructure, optimising their environmental and energy performance
- 2 include activities eligible to, or which contribute to, the six environmental objectives established by EU Taxonomy* and verified as such by technical experts
- 3 services provided by SOCOTEC as a trusted third-party, providing deep experience and technical expertise in energy and environmental transitions for the built environment from compliance to performance and risk management.



**Learn more about
Green Trust solutions,
scan this QR code**

*European Union Taxonomy provided by the Green Deal



GREEN TRUST BY SOCOTEC

Our solutions for your sustainability challenges

COMPLIANCE RISK MANAGEMENT PERFORMANCE



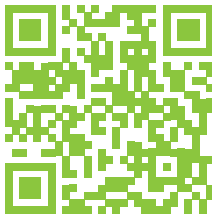
CLIMATE CHANGE MITIGATION

CLIMATE CHANGE ADAPTATION

- Development of Greenhouse Gas (GHG) Inventories (Scopes 1, 2 and 3)
- Carbon Reduction Strategies and Carbon Management Plans (CMPs)
- Energy and carbon reduction audits (organisational and asset level)
- Energy monitoring and targeting
- ESOS Assessments
- SECR Compliance
- Renewable energy feasibility studies
- Renewable energy analysis, testing and advice
- EPCs and building rating improvement advice
- TM44 air conditioning inspections
- MEES compliance
- BREEAM assessments and consultancy
- Sensors and monitoring systems for energy use and infrastructure performance
- Geotechnical Investigation for railways
- Materials Testing for railways
- IoT Monitoring services for railways

POLLUTION PREVENTION, MITIGATION AND CONTROL

- Air quality monitoring and assessment
- Stack emissions monitoring and testing
- Environmental science laboratory services
- Environmental monitoring and consultancy
- Contaminated land investigation
- Waste Composition Analysis
- Biofuel Testing and inspection
- Certification solutions (ISO 14001, ISO 45001 and ISO 50001).
- Asbestos Management - Compliance and Safety



Scan and discover
Green Trust

TRANSITION TO A CIRCULAR ECONOMY

- Waste composition analysis
- Waste management services
- Biofuel testing and inspection
- Sustainable building materials testing

SUSTAINABLE USE OF WATER AND MARINE RESOURCES

- Water analysis (laboratory testing, PFAS and environmental chemistry)
- Marine surveying, monitoring and testing
- Environmental monitoring related to water quality and compliance

PROTECTION AND RESTORATION OF BIODIVERSITY AND ECOSYSTEMS

- Marine environmental monitoring and ecological assessment
- Environmental consultancy supporting habitat protection and impact reduction
- Acoustic measurements

CONTACT
green-trust@socotec.com



Non-exhaustive list. For further information, please contact us: green-trust@socotec.com

CARBON FOOTPRINT AND ENERGY AUDITS

For your organisation and assets



Supporting Your Net Zero Journey

In response to the urgent challenges of climate change, organisations across the UK must understand and reduce their environmental impact to achieve net zero carbon emissions. SOCOTEC UK and Ireland provides comprehensive carbon footprinting and energy audit services that enable businesses and local authorities to make informed, sustainable decisions at every level of operation.

Strategic Carbon Management

At the organisational level, SOCOTEC UK and Ireland delivers expert carbon footprinting services aligned with the Greenhouse Gas (GHG) Protocol standards. Our specialists conduct thorough GHG assessments that analyse emissions across all scopes of your operations, helping you understand your complete carbon profile. We support organisations in developing robust carbon reduction strategies, ensuring compliance with both mandatory reporting requirements and voluntary certification schemes. Our services include Scope 1, 2, and 3 emissions analysis, carbon management planning, and strategic advisory to meet net zero targets effectively.

Building and Asset-Level Performance

For individual buildings and assets, SOCOTEC UK and Ireland offers detailed energy audits that identify inefficiencies and opportunities for improvement. Our certified energy assessors evaluate building performance, analyse energy consumption patterns, and recommend practical solutions to reduce energy use and associated carbon emissions. We provide Display Energy Certificates (DECs), Energy Performance Certificates (EPCs), and bespoke energy pathway reviews that help optimise your building portfolio's environmental performance whilst ensuring regulatory compliance.

Our expertise extends to supporting clients pursuing internationally recognised building certifications, including BREEAM (Building Research Establishment Environmental Assessment Method) and LEED (Leadership in Energy and Environmental Design). We guide projects through the assessment process, providing technical advice on sustainable design strategies, energy efficiency measures, and material selection to achieve the desired certification levels and demonstrate environmental leadership.

Need advice ?

Contact-us

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- **CO₂ allowances**
 - › Objective: to bring certain high-emission industrial sectors up to the best European standards through a market mechanism
 - › Annual checks by an accredited body for declarations (emissions and levels of activity)
- **Industrial Emissions Directive (IED)**
 - › Objective :
 - Implementation of the best available methods
 - › For Installation
 - Classified for the Protection of the Environment
- **Greenhouse gas (GHG) assessment**
 - › Objective : To carry out an analysis of greenhouse gas emissions in order to reduce them in link to company's operations
- **Carbon footprint (complete greenhouse gas footprint)**
 - › Objective: Carry out an end-to-end diagnosis of greenhouse gas emissions
 - › Voluntary, regulatory or linked to reporting requirements
 - › Determine an emissions reduction strategy
 - › GHG protocol compliance
- **Energy Savings Opportunity Scheme (ESOS)**
 - › Objective : provide organisations with tailored advice on making cost-effective energy savings to stimulate the take-up of cost-effective energy efficiency measures via audits of their energy use
 - › Every 4 years
 - › For companies :
 - ≥ 250 employees
 - or Revenue > £44M

- **Management systems certification**
 - › ISO 14001 – Environment
 - › ISO 50001 – Energy
- **Environmental certifications**
 - › LEED
 - › BREEAM
- **Circular economy**
 - › Waste management
 - › Waste inventory and categorisation
- **CSR approach**
 - › Compliance
 - › Performance

ENVIRONMENTAL IMPACT

Biodiversity and health



Today, under the pressure of increased human activity, resources such as water, air, and soils are subject to numerous pollutions and degradations that can affect biodiversity and human health.

Regulations help you to take actions to ensure that your projects and activities take care of the environment.

Preserving, managing and restoring these resources are now a national priority, and many local players are working hard to achieve this.

Whether you are an industrial company, a site or facility classified for environmental protection, a developer or a local authority, a builder or an investor, you need to preserve resources to protect the environment for future generations and be accountable to your stakeholders and in your reporting obligations for activities carried out in a transparent way.

Our experts can help you anticipate health, safety and environmental risks, and can offer you the following:

- Measures and assessments of pollution risks (water, soil, air)
- Inspection sites and brownfield sites that are developed in your construction projects
- Support you in our "green worksites" projects, enabling you to respect the environment and neighbouring communities over the long term.



Need advice ?
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DECARBONISED ENERGIES

Sustainable energy and power



As the global energy landscape moves towards decarbonisation, SOCOTEC provides technical expertise across renewable energy systems and marine infrastructure. Our integrated services support sustainable energy projects throughout the full asset lifecycle — from site assessment and design through to operation and decommissioning.

› Biomass Services

As the UK's largest independent solid fuel inspection company, we deliver analytical and testing services that support the biomass energy sector.

With technical specialists serving on ISO Solid Biofuel and Solid Recovered Fuels committees, we provide fuel analysis, biomass content determination, compliance testing, and on-site and laboratory services for wood pellets, agricultural residues, and waste-derived fuels.

› Hydrographic Surveys

We provide seabed mapping, water measurements, and environmental data to support offshore renewable energy and marine infrastructure projects.

Our capabilities include bathymetry, sub-bottom profiling, geophysical surveys, ADCP monitoring, and environmental assessments. Our 22m survey vessel Offshore Sensor is equipped with multibeam echosounders, ROV capability, and specialist geophysical equipment for complex offshore operations.

› Geotechnology Services

Our geotechnical teams support the safe design of renewable energy infrastructure, including wind turbine foundations and energy storage facilities.

Services include Cone Penetration Testing (CPT), borehole investigations, geophysical surveys, foundation testing, and long-term monitoring of groundwater, ground gas, and structural movement.

› Marine Services

We combine hydrographic surveying, geotechnical investigation, environmental monitoring, and radiochemical analysis to support offshore renewable energy and coastal infrastructure.

Our services include offshore site investigations, environmental impact assessments, coastal erosion studies, ROV inspections, and UKAS-accredited radiochemical analysis for marine environmental monitoring.

WHY CHOOSE SOCOTEC

With over 40 years of experience across energy, infrastructure, and environmental sectors, we help clients improve speed to insight, strengthen regulatory compliance, and reduce project risk through coordinated technical expertise.

Our multidisciplinary approach brings together biomass analysis, marine surveying, geotechnical investigation, and environmental monitoring to support the transition to a more sustainable energy future.

Need advice ?

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SUSTAINABLE REAL ESTATE

Strategy, certification and operational excellence



Sustainability works best when it is considered from the very beginning of a project, not added in later. At SOCOTEC, we help clients bring sustainability into the heart of decision-making so buildings perform better for the people who use them, meet evolving regulations, and remain resilient long into the future.

We work alongside developers, architects, asset managers, and design teams across the full asset lifecycle, supporting projects from early-stage planning through to operation and ongoing performance. Our role is to make sustainability practical, achievable, and commercially realistic, helping clients balance environmental goals with programme, cost, and design intent.

Whether it is a new development or an existing portfolio, we combine technical expertise with a collaborative approach to deliver clear, evidence-based solutions. We understand how buildings work in practice, which allows us to support sustainability goals without compromising usability, performance, or architectural vision.

Our Key Services

› Sustainability Certification and Regulatory Compliance

- BREEAM, LEED, WELL
- Part L, Part O, SAP, SBEM/BRUKL
- Water efficiency standards

› Carbon and Energy Strategy

- Energy and carbon reduction audits
- Life cycle assessments
- Energy modelling
- Whole-life carbon planning
- Net Zero alignment
- Building Performance and Optimisation

› Passive design principles

- Daylight and façade analysis
- CFD modelling
- Renewable energy feasibility studies
- Indoor environmental quality assessments
- Low-carbon material strategies

› Operational Compliance and Reporting

- EPCs, DEC, MEES
- ESOS, SECR
- TM44 inspections
- Energy and carbon technical due diligence

› Circular Economy and Environmental Impact

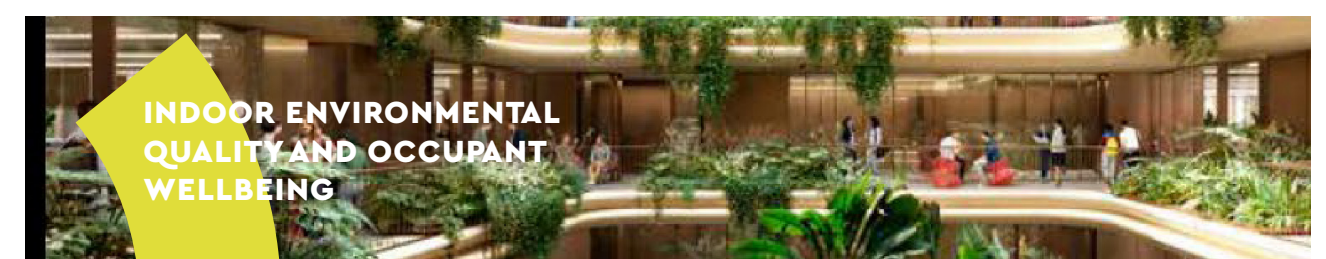
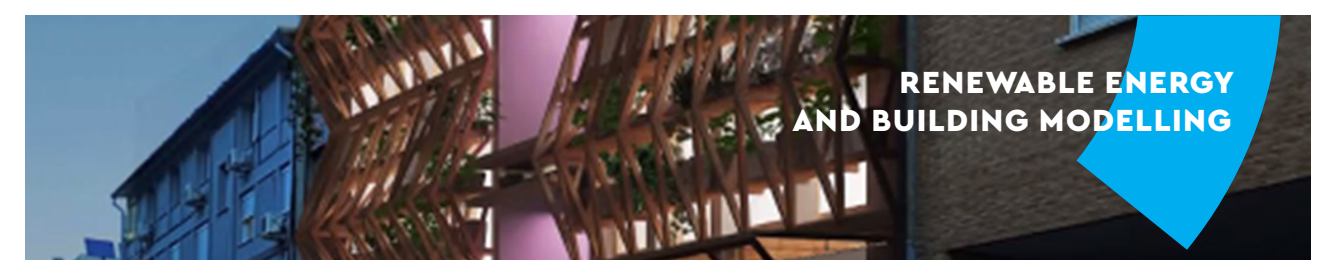
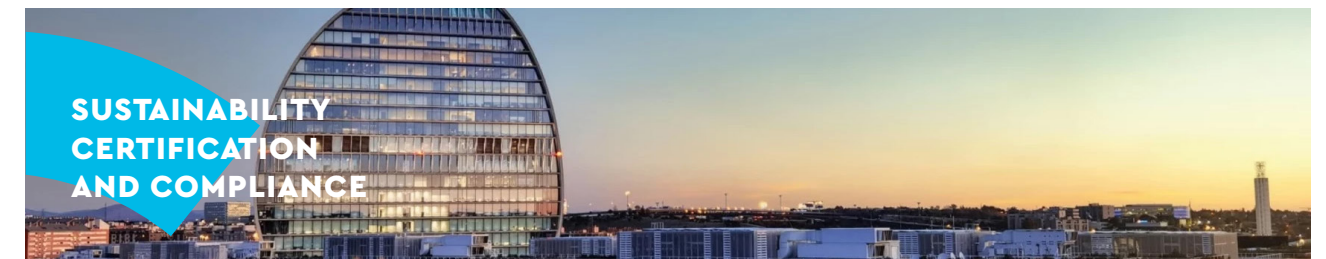
- Waste reduction strategies
- Resource efficiency improvements
- Long-term environmental performance assessments.

At SOCOTEC, we work closely with clients to make sustainability achievable in practice. If you have an upcoming project or would like to discuss how sustainability can be integrated into your assets or developments, contact us.

Need advice?

Contact-us

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SUSTAINABLE INFRASTRUCTURE

Compliance, monitoring and safety

As a trusted third party, SOCOTEC supports the quality and performance of assets throughout their lifecycle, as well as the safety of people, through a comprehensive offering dedicated to the sustainability of infrastructures.

Our mission is to support you throughout the lifecycle of your projects, thanks to our 7 centres of expertise in France, the UK, Germany, Italy, Spain, the Netherlands, the USA and Middle East. Our international teams work on some of the world's largest structures:

- › **Roads, railways, underground railways and tramways**
- › **Maritime and inland waterways, dams, dykes**
- › **Bridges, tunnels**
- › **Water and energy-related infrastructure**
- › **Industrial and tertiary infrastructures**

Thanks to the experience of our experts, we can instrument your structures with a range of sensors for structural, geotechnical and environmental monitoring. Our engineers developed a range of technologies that provide technical advice tailored to your projects. They are experienced in risk management and safety, competencies required for engineering structures.



Extension of the Copenhagen metro TUNN3L JV (Vinci / Hochtief)

- Enhanced inspection of Cat III* implementation documents, which applies to highly complex or innovative elements.
- Cat III* checks performed through independent analysis and calculations.



Grand Paris Express Vulnerability of the built environment in the design phase

- Line 15 West (SGP)
- Line 14 South (RATP)
- Vulnerability of the built environment in the execution phase**
- Line 15 South : T2A – T3A – T3B (HORIZON)



Red Line North Underground - Doha Salini Impregilo

- Built environment sensitivity inspection.



HS2 : High Speed 2 railway – London to Birmingham

- Ground investigations.
- Material testing of concrete and aggregates in the laboratory and in situ.
- Monitoring of the highway (M25) and the portals for the tunnel.
- Asbestos and demolition control
- Surveying and utility mapping.



Lyon-Turin railway – TELT

Project management, health and security coordination, environmental coordination, external verification, numerous inspections of equipment and installations.



Metro Line U5 East Hamburg Hamburger Hochbahn AG

General planning for the new construction of the metro line for the section City Nord to Bramfeld. The new metro line is the first one in Hamburg to be operated without drivers.



Monitoring and surveillance of the San Giorgio bridge in Genoa

SOCOTEC's experts have provided assistance on the ground since the tragic collapse of the Morandi bridge, from its demolition to the construction of the new Genoa San Giorgio bridge.



Need advice ?

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OUR REFERENCES



MOGDEN SEWAGE TREATMENT WORKS CRANE MAT INSTALLATION

The Mogden Sewage Treatment Works upgrade programme required the creation of a crane platform to accelerate replacement of the digester roofs—critical resilience works for Thames Water.

The area comprised grassland, scrub and mixed woodland, and surveys confirmed the presence of an active breeding badger sett, triggering the need for a robust ecological mitigation strategy.

Detailed assessments, including habitat mapping, camera trap monitoring and a full badger impact assessment, identified multiple sett entrances and confirmed breeding activity, requiring a Natural England licence to legally exclude badgers and temporarily close setts before construction could proceed.

Other survey works included wildflower surveys, moth trapping, bat emergence assessments, nesting bird checks, and supervised vegetation removal.

To support engineering works, an Arboricultural Survey mapped tree stock, assigned retention categories, and recommended translocation or protection of higher value trees.

By late 2025, phased vegetation clearance and ecological supervision had progressed safely, ensuring legal compliance and safeguarding biodiversity while preparing the area for crane operations.

All findings were used to inform EIA screening for the site and works were approved by the London Borough of Hounslow. A Natural England licence for closure of the badger sett on site was also awarded and subsequently undertaken.

The site has now been successfully cleared ready for enabling works to install the crane mat.

**SUSTAINABLE USE OF WATER
AND MARINE RESOURCES**

**TRANSITION TO A CIRCULAR
ECONOMY**



NORTH SEA OFFSHORE WIND PORTFOLIO OFFSHORE OCCUPATIONAL HYGIENE MONITORING

The client required a comprehensive occupational hygiene programme to understand and manage health risks associated with offshore wind turbine operations across multiple North Sea wind farms.

This included measuring hazardous airborne particulates, assessing exposure against statutory limits (EH40/2005), and undertaking detailed noise and vibration monitoring to inform risk assessments and asset management decisions.

Working in challenging offshore environments, SOCOTEC deployed experienced Occupational Hygienists who had completed all relevant industry safety and access training, enabling safe entry to turbines and work areas. Our team undertook targeted inspections, air sampling, and noise and vibration measurements across a range of turbine life-cycle stages, from installation and commissioning through to operation and maintenance.

A consistent methodology was applied across all sites to ensure reliable, comparable data. Our hygienists provided immediate on-site feedback to operational teams, highlighting any areas of concern and offering practical recommendations to reduce exposure risks.

This was followed by clear, timely reports, supporting informed decision-making without delaying ongoing works.

The programme delivered clear evidence to support asset management and maintenance planning, strengthened health and safety assurance for offshore teams, and provided a clear basis for future monitoring strategies.

Through our end-to-end service, we helped the client maintain compliance, protect their workforce, and manage risk across their offshore portfolio.

**CLIMATE CHANGE
MITIGATION**

**CLIMATE CHANGE
ADAPTATION**



YORKSHIRE WATER

WATER QUALITY MONITORING

SOCOTEC has developed innovative water quality monitoring solutions for Yorkshire Water, addressing critical public health and environmental challenges. As regulatory requirements intensify, SOCOTEC's expertise enables clients to monitor, measure, and manage water quality effectively—protecting both public health and aquatic ecosystems.

Water quality monitoring supports SOCOTEC's Green Trust initiative across multiple environmental objectives: climate change adaptation, pollution prevention and control, protection of water and marine resources, and biodiversity protection. Real-time monitoring identifies contamination sources, enabling rapid response to prevent environmental damage.

SOCOTEC's comprehensive solutions provide real-time data collection, pollution prevention through early warning systems, and evidence-based monitoring supporting sustainable water resource management.

The approach demonstrates technological innovation through data-driven decision-making, preventive intervention, and long-term environmental stewardship.

The initiative delivers measurable environmental benefits including enhanced pollution prevention, sustainable resource management, climate adaptation support, and biodiversity protection.

From initial concept to an established service valued at £34 million, SOCOTEC's water quality monitoring solutions demonstrate growing market demand for environmental protection services, showcasing our ability to identify environmental needs and develop innovative solutions that address multiple sustainability objectives simultaneously.

**SUSTAINABLE USE OF WATER
AND MARINE RESOURCES**

**PROTECTION AND
RESTORATION OF BIODIVERSITY**

SUSTAINABLE RESIDENTIAL RETROFIT

MATERIAL REUSE STRATEGY – REAL ESTATE

This residential retrofit development demonstrates SOCOTEC's commitment to sustainable building practices through strategic retrofit and material reuse, delivering measurable environmental benefits whilst preserving the existing built asset and significantly reducing embodied carbon compared to demolition and new build approaches.

SOCOTEC's retrofit-first strategy retained and enhanced existing structural elements to minimise demolition waste and avoid embodied carbon associated with new construction materials. Comprehensive evaluation maximised retention and reuse, significantly reducing the development's carbon footprint, whilst engineering solutions worked with existing structures to reduce material demand. Strategic planning diverted materials from landfill through careful deconstruction and material segregation, with design decisions made for long-term durability and future adaptability.

The project achieved substantial carbon savings by prioritising retention over replacement, directly contributing to climate change mitigation. The development delivered significant embodied carbon savings compared to new build alternatives, reduced construction waste through strategic material retention, and extended asset lifecycle, maximising the value of existing built environment resources.

SOCOTEC's expertise enabled the client to achieve their sustainability ambitions whilst maintaining the highest technical and safety standards, integrating environmental considerations into structural and fire engineering disciplines to reduce environmental impact without compromising building performance or regulatory compliance.

**CLIMATE CHANGE
MITIGATION**

**TRANSITION TO A
CIRCULAR ECONOMY**



CANAL AND RIVER TRUST

ENVIRONMENTAL INCIDENT RESPONSE

In August 2024, the Canal and River Trust faced a Category 1 Major Incident when 4,500 litres of hazardous chemicals—including zinc compounds, cyanide, sodium cyanide, and caustic soda—were catastrophically released into the Walsall Canal following an industrial accident at a metal plating company. The toxic discharge created an immediate threat to a 12-mile stretch of waterway and the broader canal network under the Trust's stewardship.

As the Trust's established national laboratory contractor, SOCOTEC was immediately mobilised to deliver critical emergency analytical services throughout the incident response and subsequent 10-month closure period. Our mission was clear: provide rapid, reliable data to support environmental protection measures and enable safe decision-making for canal reopening.

Our comprehensive analytical support encompassed emergency sample analysis protocols for contaminated water and sediment across the affected stretch.

Through expedited testing services, we tracked concentrations of heavy metals and cyanide compounds, delivering essential data when it was needed most. Third-party verification sampling provided additional assurance to the Trust, whilst our advanced chemistry techniques enhanced understanding of contamination impacts and their distribution throughout the waterway system.

Through seamless collaboration and expedited analytical response, SOCOTEC provided the comprehensive monitoring data essential for safe, phased reopening decisions. The Walsall Canal successfully reopened to the public and boaters in June 2025.

This project demonstrates SOCOTEC's capabilities as a trusted partner for environmental emergency response, combining rapid analytical expertise, established partnership protocols, and reliable data delivery when it matters most.

POLLUTION PREVENTION,
MITIGATION AND CONTROL

SUSTAINABLE USE OF WATER
AND MARINE RESOURCES

ASP ENVIRONMENTAL LIMITED

HIGH-VALUE RESIDENTIAL PROPERTY OIL CONTAMINATION INVESTIGATION

ASP Environmental Limited engaged SOCOTEC to investigate oil contamination at a prestigious £12 million residential property where dark, heavy oil was discovered in drainage systems and around a car pond, with no obvious source. Vapours and odours detected inside the house raised immediate health concerns, whilst insurance coverage determination depended on identifying the contamination source and type within an extremely tight 48-hour timeframe.

Leveraging a seven-year collaborative relationship, SOCOTEC delivered immediate project mobilisation and rapid analytical testing at our Bretby laboratories. Our team developed bespoke analytical methods to identify specific contamination compounds, verified the contamination source through comprehensive oil analysis, and distinguished between contamination-related and unrelated VOC vapour sources affecting the property's basement golf collection room.

The swift findings confirmed the contamination source and type necessary for insurance determination, whilst identifying that basement vapour readings were unrelated to the main contamination incident. This enabled a comprehensive risk assessment allowing the homeowner to remain in the property during remediation, which proceeded over a 12-month timeline.

SOCOTEC's critical 48-hour turnaround, with no delays in analytical services, supported accurate contamination identification and risk-based decision-making throughout the multi-year remediation project. This demonstrates SOCOTEC's capabilities as a trusted partner for time-sensitive environmental investigations, delivering rapid analytical expertise and technical excellence when it matters most.

POLLUTION PREVENTION,
MITIGATION AND CONTROL



VELINDRE CANCER CENTRE - WALES

CIRCULAR DESIGN SUSTAINABILITY CONSULTANCY

SOCOTEC contributes its expertise in sustainability and circularity to the design of a more humanised healthcare infrastructure, that is, one that takes into account the needs of comfort, privacy and emotional support of patients, families and staff.

The building has an area of 200,000 square meters and a capacity for 500 patients. It will offer a wide range of services, including chemotherapy, radiation therapy, surgery and palliative care. The building is designed to maximise the use of local natural materials with low carbon footprints that promote health and well-being.

The new Velindre Cancer Centre represents a major step forward in the holistic design of healthcare in the UK. The building is designed to create an environment that contributes to patient recovery, with bright, spacious spaces and natural materials.

The building has been recognised for its design and commitment to the health and well-being of patients. In 2023, the building won the award for Best Future Healthcare Design at the

European Health Design Awards (EHD). Recognition that demonstrates that architecture hand in hand with engineering in the health sector has a positive impact on patient recovery.

SOCOTEC promotes this vision in its sustainability and circularity consulting services.

We are providing expertise in sustainability and circularity for the design of a more humanised healthcare infrastructure. This approach takes into account the comfort, privacy, and emotional support needs of patients, families, and staff.

Key features:

- Use of local natural materials with low carbon footprints
- Efficient energy system utilizing solar and geothermal energy
- Design that minimises environmental impact and integrates with the local landscape
- Spaces promoting social interaction and privacy
- Light and spacious areas using natural materials to enhance patient recovery.

**TRANSITION TO A
CIRCULAR ECONOMY**

OUR INTERNATIONAL REFERENCES



VALIDATION OF SABAROTWASSNER'S PURPOSE

Sabarot Wassner, a company based in the Haute Loire, whose purpose is the development of healthy, sustainable food, has been granted a Mission Company status. SOCOTEC checked and validated the objectives set and the resources allocated for the implementation of the actions plan.



MEASURING REXEL'S CARBON FOOTPRINT

The Rexel group has developed a new distribution method to cut CO2 equivalent emissions from its logistics activities in the Paris region. SOCOTEC's expertise was used to validate the calculations, and to demonstrate that the improvements are effective and prepare the carbon footprint.



SOCOTEC SUPPORTS UBISOFT ON ENERGY EFFICIENCY COMPLIANCE

The French video game developer has called on the experts at SOCOTEC to help it meet its obligations under the tertiary sector eco-energy decree. The aim was to identify energy consumption sources and plan a gradual reduction in each area.



ISO 50001 CERTIFICATION FOR THE MUSÉE DU LOUVRE

SOCOTEC Certification France has granted an ISO 50001 certification to the Musée du Louvre for its energy management system. The Louvre was the first museum in a historic building to initiate this process.

TRUST AND TECH BY SOCOTEC

Data and technology are at the heart of our service offering.

Data plays a crucial part in :

- › **monitoring the effectiveness of your Corporate Social Responsibility**
- › **reducing the environmental impact** of your buildings, facilities and equipments
- › **optimising the energy efficiency** of business operations and organisations
- › **assessing the long-term solidity and resilience to climate change**
- › **increasing mobility in your infrastructure and buildings**

Thanks to data collected via our sensors and IoT (Internet of Things) devices in your built assets, you can identify waste sources and implement solutions to minimize the environmental impact of your activities, you can better monitor your energy consumption, and greenhouse gas emissions. SOCOTEC provides sensors and monitoring systems that collect data on energy consumption for better equipment performance, monitor their vulnerability over time, and the resilience and longevity of infrastructure and buildings.

You can make informed decisions to improve the safety and environmental performance of your activity, and also monitor your CSR strategy effectiveness in line with the objectives you have set for yourself.



STREAM D

Radar system for real-time investigation

The key benefits are:

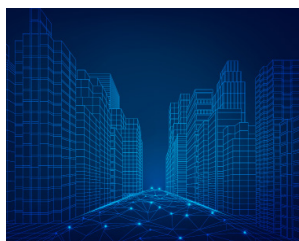
- › **Detail:** Stream D provides very high resolution and is also characterised by an excellent penetration capacity.
- › **Precision:** the result is an effective, precise and easily usable 3D map.
- › **Productivity:** the Type V antennas allow GPR to work at a distance from the structure, assisted by sensors that constantly monitor the positioning.
- › **Visualisation:** supported by a software that delivers usable high quality data and profiling images.



INTERFEROMETRY

Terrestrial Interferometry is working on the same principles than satellites. However, it uses very practical portable equipment that can be easily transported where necessary, maintaining safety even in dangerous context, as it allows operations from long distances remote from the structure.

It is ideal for monitoring movement of quarries, landslides and large civil structures such as bridges. Monitoring can be continuous to detect slow movements like in the case of landslides or dynamic with a very high measurement frequency to detect the main vibration frequencies of the structures.



BLUETRUST REAL ESTATE (AI)

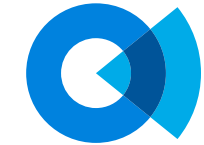
Manage your property asset in a single digital platform

SOCOTEC's SAAS platform - fed by all your historical data (proprietary or external) - gives you access to a structured dataset on your property assets so you can manage efficiently your maintenance, reduce remediation costs and energy consumption levels, ensure compliance, draw up your CSR reports and develop the value of your assets.

NOTES

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SOCOTEC GROUP



26 COUNTRIES

Germany
Saudi Arabia
Austria
Belgium
Colombia
Ivory Coast
Spain
United States
United Arab Emirates
France
Ireland
Italy
Japan
Lebanon
Luxemburg
Madagascar
Morocco
Mauritius Island
Monaco
The Netherlands
Philippines
Poland
United Kingdom
Singapore
Thailand
Vietnam

7 PLATFORMS



65 OFFICES

including a network of **UKAS** accredited laboratories.

15 000
PEOPLE

7 000
ENGINEERS

250 000
CLIENTS

£200M
TURNOVER

250
EXTERNAL
RECOGNITIONS

CONTACT US
green-trust@socotec.com



**BUILDING TRUST FOR A SAFER
AND SUSTAINABLE WORLD**