

Group Services



#### What we do

Our mission is to provide services and solutions to help take care of The Earth. We are helping our clients work towards a brighter, more sustainable future.

#### Who we work with

Cura Terrae companies work in partnership with clients from all sectors to help them meet their environmental requirements.

#### Our companies



#### Ecus

Ecus is a multi-disciplinary environmental consultancy supporting the development, infrastructure, conservation, and government sectors.



#### EMS

EMS is an environmental monitoring solutions and management consultancy provider, helping clients manage their environmental impacts and remain compliant.



#### Envirocare

Envirocare is a UKAS and MCERTS accredited stack emissions testing business and occupational hygiene consultancy.



#### Enviro Technology

Enviro Technology supply and service real-time instrumentation and environmental monitoring systems for the measurement of air pollution and greenhouse gases.

## The UK's leading multi-disciplinary environmental solutions provider

#### Your goal is our goal

We know that businesses want to help solve the environment crisis, so our dedicated team of technical experts will go above and beyond to help you accomplish your environmental goals.

#### Taking care of The Earth means leaving no stone unturned

Cura Terrae acquire, develop and support bestin-class specialist environmental consultancy and services businesses, increasing coverage of your full environmental needs.



#### A sustainable future

In order to achieve real and long-term sustainability, we are committed to the environment, to having a positive societal impact, and to robust governance.



## These are the services we provide to help you take care of The Earth

#### Air

Air dispersion modelling

Air quality impact assessment
Ambient air quality: reference method MCERTS

monitoring instruments and systems

Ambient air quality: indicative monitoring systems

Ambient air quality: monitoring systems planned maintenance and callouts

Ambient air quality: monitoring instrument rental meteorological stations and sensors

Atmospheric emissions dispersion modelling

Atmospheric emissions and air quality monitoring

Bioaerosol monitoring

BS EN 14181 QAL2/AST calibration of CEMS

CEMS service and support

Continuous emission monitoring

Dust monitoring services

Ecological air quality assessments

Environmental Data Acquisition System (eDAS®)

Greenhouse gas emissions testing

Hire and purchase of air monitoring equipment

Instruments for environmental and climate change scientific research

Leak Detection and Repair (LDAR)

MCERTS accredited stack emissions testing

MCERTS multi-gas cross-duct CEMS systems

MCERTS temporary CEMS installation

Medium Combustion Plant Directive (MCPD) stack testing

Meteorological stations and sensors

Noise monitoring

Odour monitoring

Process flow measurement

Temporary CEMS hire

#### People

Breathing airline testing COSHH risk assessments Electromagnetic Field (EMF) assessments Hand Arm Vibration (HAV) assessments Indoor air quality testing Legionella risk assessments Lighting assessments Local Exhaust Ventilation (LEV) testing Whole Body Vibration (WBV) assessments Workplace air monitoring

#### History

Archaeological Desk Based Assessments (DBA) Archaeological evaluation and excavation Archaeological watching briefs Conservation management plans Environmental Impact Assessment (EIA) Geophysical surveys Historic area analysis Heritage statements Historic building recording Landscape surveys Monument condition surveys Palaeo-environmental processing, assessment and analysis Planning appeals Setting assessments Scheduled monument and listed building consents Site appraisals

#### Land

#### Arboricultural Clerk of Works (ACoW) Arboriculture: BS 5837:2012 Surveys and Reports Arboriculture: Local Authority Tree Officer duties Arboriculture: Tree health and safety assessments Arboriculture: Woodland Management Plans and planting scheme design **Biodiversity Net Gain (BNG)** Drone survey and inspection Ecological Clerk of Works (ECoW) Ecological Impact Assessments (EcIA) Ecological mitigation and condition discharge Habitat and botanical surveys Habitat creation and management Habitat Management Plans (HMP) Habitats Regulations Assessment (HRA) Landscape Character Assessment (LCA) Landscape masterplanning and design Landscape and Visual Appraisals, and Impact Assessments (LVA & LVIA) Natural capital New planting scheme design

Preliminary Ecological Appraisal (PEA)

UK Habitat Classification (UKHab) surveys

#### Wildlife

Badger sett management Habitat and botanical surveys Habitat creation and management Habitat Management Plans (HMP) Habitats Regulations Assessment (HRA) Invasive species management plans Protected species surveys, licensing and mitigation

UK Habitat Classification (UKHab) surveys

#### Water

Environmental Data Acquisition System (eDAS®) Flow and load surveys Flow surveys Flow verification Hire and sale of water monitoring equipment Storm data capture (Storm Catcher™) Smart wastewater solutions Trade effluent monitoring systems and services Wastewater-based epidemiology Water footprinting Water quality monitoring Water environment

#### Management

Carbon advisory and management Carbon net zero support Construction Environmental Management Plans (CEMP) Environmental audits and inspections, including OMA Environmental Due Diligence (EDD) Environmental Impact Assessment (EIA) Environmental legal compliance support service Environmental management systems Environmental noise monitoring Environmental permits and consents Environmental planning and consenting Equality impact assessment Regulation 61 Best Available Technique (BAT) compliance assessment Strategic Environmental Assessment (SEA) Sustainability appraisal Waste and materials management (inc. CL:AIRE)



#### Ecus

Ecus is a multi-disciplinary environmental consultancy supporting the development, infrastructure, conservation, and government sectors.

#### Green Planning & Infrastructure

#### Air Quality

Arboriculture: BS 5837:2012 Surveys and Reports Arboriculture: Local Authority Tree Officer duties Arboriculture: Tree health and safety assessments Arboriculture: Woodland Management Plans and planting scheme design Carbon net zero advisory services Environmental Impact Assessment (EIA) Environmental management systems Environmental planning and consenting Equality impact assessment Flood risk assessment Landscape and Visual Appraisals, and Impact Assessments (LVA & LVIA) Landscape Character Assessment (LCA) Strategic Environmental Assessment (SEA) Sustainability appraisal

#### Ecology

Badger sett management Biodiversity Net Gain (BNG) Ecological Clerk of Works (ECOW) Ecological Impact Assessments (EcIA) Ecological mitigation and condition discharge District Level Licensing (DLL) Habitat creation and management Habitat and botanical surveys Habitat Management Plans (HMP) Habitats Regulations Assessment (HRA) Invasive species management plans Preliminary Ecological Appraisal (PEA) Protected species surveys, licensing and mitigation

UK Habitat Classification (UKHab) surveys

#### Historic Environment

Archaeological Desk Based Assessments (DBA) Heritage statements Setting assessments Environmental impact assessment chapters **Planning appeals** Historic building recording Landscape surveys Monument condition surveys Conservation management plans Archaeological evaluation and excavation Archaeological watching briefs Geophysical surveys Palaeo-environmental processing, assessment and analysis Site appraisals Scheduled monument and listed building consents Historic area analysis

#### Environmental Monitoring Solutions

EMS is an environmental monitoring solutions and management consultancy provider, helping clients manage their environmental impacts and remain compliant.

#### Environmental Management Consultancy

Carbon Net Zero support Construction Environmental Management Plans (CEMP) Environmental audits Environmental Due Diligence (EDD) Environmental legal compliance support service Environmental management systems Environmental permitting Planning applications (Environmental) Regulation 61 Best Available Technique (BAT) compliance assessment



#### Air & Emissions Monitoring

CEMS hire CEMS servicing Continuous Emissions Monitoring Environmental noise monitoring Hire and sale of air monitoring equipment

#### Smart Wastewaster

CENTAUR<sup>®</sup> - Reduce flood risk and prevent CSO spills IRONMAN<sup>®</sup> - Smart iron dosing for phosphate removal SMART Sewer<sup>®</sup> - Blockage detection

#### Water & Wastewater Monitoring

Flow and load surveys

Flow surveys

Flow verification

Hire and sale of water monitoring equipment

Storm data capture (Storm Catcher™)

Trade effluent monitoring systems and services

Wastewater-based epidemiology

Water footprinting

Water quality monitoring

#### Envirocare

Envirocare is a leading UKAS and MCERTS accredited stack emissions testing business, and occupational hygiene consultancy.

#### **Emissions Testing**

BS EN 14181 QAL2/AST Calibration of CEM

Bioaerosol monitoring Greenhouse gas emissions testing Leak Detection and Repair (LDAR) MCERTS accredited stack emissions testing MCERTS temporary CEMS installation Medium Combustion Plant Directive (MCPD) stack testing Odour monitoring

#### Occupational Hygiene

Breathing airline testingCOSHH risk assessmentsElectromagnetic Field (EMF) assessmentsHand Arm Vibration (HAV) assessmentsIndoor air quality testingLegionella risk assessmentsLighting assessmentsLocal Exhaust Ventilation (LEV) thorough<br/>examination and testingWhole Body Vibration (WBV) assessmentsWorkplace air monitoring

Workplace noise assessments





#### Enviro Technology

Enviro Technology is a world leading supplier and service provider of real-time instrumentation and 'turn-key' environmental monitoring systems for the measurement of air pollution and greenhouse gases.

#### Air Monitoring: Scientific Research

Greenhouse gas analysers (inc high-precision field-portable)

Stable isotope analysers

Next generation NO2/NOx/HONO instruments

Remote sensing DOAS, MAX-DOAS and LiDAR

Particulate composition and characterisation instruments including bioaerosols

Ultra-fine particulate monitors



#### Air Quality Monitoring

Reference method MCERTS instruments (PM10, PM2.5, SO2, NO2, O3, CO, CO2, H2S, NH3, BTX and more)

'Turn-key' bespoke air quality monitoring systems

Indicative instruments

Service contracts - planned maintenance and emergency call-out

Calibration systems

Meteorological stations and sensors

#### CEMS

MCERTS approved multi-gas cross-duct CEMS systems

Service and support

#### Other

Rental of a wide range of real-time instruments, including enclosures

Specialist consultancy

### Our values



We strive for excellence in understanding client needs and in delivery, underpinning this with excellence in knowledge and professionalism.

# Safety & wellbeing

The safety and wellbeing of our staff is our foremost consideration.

# Trust & commitment

We are committed to our customers and staff, building trusted relationships upon which to build results.



We value equality, diversity, and inclusion as we work with colleagues and customers for

colleagues and customers for the best outcomes. Our inclusive teams and approach make us stronger.



We operate sustainably and help our customers to operate sustainably.

> "Thank you very much for all your assistance and advice and work over the past two days. It has been very productive for our site and laid the foundations for us to understand where we need to be and what we need to do, which until your visit was a field of cloudy mist. We look forward to your final report, and finding out how EMS can help us achieve our targets for Environmental responsibilities".

"We have received an extremely professional service from Ecus. Their extensive knowledge on ecological matters and willingness to help the project team has helped Network Rail in matters with Natural England. Ecus's Ecologists have been instrumental in all our dealings with Natural England."

Project Manager, Network Rail

11

Health, Safety and Environment Manager, PrepWorld



#### For more information

visit cura-terrae.com



Ecus contactus@ecusltd.co.uk ecusltd.co.uk



Environmental Monitoring Solutions info@em-solutions.co.uk em-solutions.co.uk





envirocare.org
Enviro Techonology

info@et.co.uk <mark>et.co.uk</mark>

Envirocare

info@envirocare.org