

Prof Paul Bardos

Position in company	Managing Director r ³ environmental technology limited
Education	BSc (hons) Biology University of Southampton 1983 PhD, Metal and antibiotic resistance of soil bacteria. University of Reading 1987
Key areas of expertise	Biowaste management, especially biological treatment processes (composting and anaerobic digestion) and combined mechanical-biological systems (MBT) Contaminated land management, in particular remediation processes Sustainability appraisal applied to contaminated land and brownfields, biowastes management and sediments management Biomass production on marginal land Soil and water information management
Recent professional experience	<p>WRAP Framework technical Adviser for strategy, technology, data management and best practice (2008 – 2013)</p> <p>Substantial participation in a wide range of international projects (including projects for EU, NATO and Public Sector funders in Germany, the Netherlands, Sweden, Australia and Hungary), and Private Sector funders via NICOLE (www.nicole.org), Sednet (www.sednet.org) and the USA. Project topics include contaminated land risk management, brownfields regeneration, biowaste management, biomass production on marginal land, soil and water information management, river basin management, decision support tools and sustainability appraisal. E.g. www.zerobrownfields.eu, www.eugris.info, www.nicole.org, www.eurodemo.info.</p> <p>Questionnaire, survey and case study reviews, feasibility studies and technical investigations for a variety of projects funded by UK Public and Private Sector organisations related to contaminated land and waste management, e.g.: Defra, Environment Agency, local authorities, National Grid Properties, Lyondell, Eden Project, CL:AIRE, WRAP, Consumer Association (Gardening from Which?) and many others. Examples include MBT and biological treatment performance investigations and reviews; remediation technologies such as risk-benefit appraisal of “nano-remediation”; assessments of fuel additive treatability in remediation; decision support tools, sustainability of contaminated land management, sediment management; verification of bioremediation treatments; use of biomass for marginal land management; compost and CLO applications; AD performance evaluation.</p> <p>Project and proposal evaluation and assessment for the European Commission and other UK and European funders, across a range of land management, recycling and green technology topics..</p> <p>Development of on-line information systems and data collection methods for environmental projects in the UK and Europe (e.g. www.compostinfo.info and www.eugris.info).</p> <p>Market entry, competitor appraisal and market development strategies in the UK and Europe for a number of Private Sector clients supplying waste management and contaminated land management services (e.g. BNL,</p>

Regeneration, Forest Research).

Other appointments

Visiting Professor of Environmental Engineering at the University of Nottingham (from July 1999)

Principal Consultant, Earth Science Partnership, Taff's Well, Cardiff (from 2004)

Visiting Professor, Centre for Horticulture and Landscape, School of Biological Sciences, the University of Reading (from January 2004 to September 2009)

Membership of professional bodies

Member Chartered Institution of Wastes Management (CIWM)

CIWM Special Interest Group on biological treatments

Society for the Environment (Chartered Member)

Association for Organics Recycling

Steering Group Sustainable Remediation Forum UK

Member Society of General Microbiology

Member British Society for Soil Science

International Union of Soil Sciences

Editorial Advisory Board of Land Contamination and Reclamation

Network for Industrially Contaminated Land in Europe

Institute of Professional Soil Scientists

NATO/CCMS Fellowship

Previous Employment

1996 to present: r³ environmental technology Ltd. Managing director

1993 – 1996: Nottingham Trent University. Head of profit centre unit

1987-1993: DTI Executive Agency. Warren Springs Laboratory. Head of unit (Grade 7, Principal Scientific Officer)