

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 assessment, e.g. 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>Substantial participation in a wide range of international projects (including projects for EU, China, Japan, Colombia, NATO, Germany, the Netherlands, Sweden, Australia Hungary and USA and EU networks (www.nicole.org, www.commonforum.eu, www.sednet.org). 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 assessment. Major R&D projects include: www.nanorem.eu, 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, C-CURE, New Earth Solutions Ltd).</p>

Other appointments	<p>Visiting Professor of Environmental Engineering at the University of Nottingham (from July 1999 to 2017)</p> <p>Principal Consultant, Earth Science Partnership, Taff's Well, Cardiff (from 2004)</p> <p>Visiting Professor, Centre for Horticulture and Landscape, School of Biological Sciences, the University of Reading (from January 2004 to September 2009)</p> <p>Professor, School of Environment and Technology, University of Brighton.</p> <p>International expert: green and Sustainable remediation, Ministry of Environment and Ecology, China, from April 2018.</p>
Membership of professional bodies and appointments	<p>Member Chartered Institution of Wastes Management (CIWM)</p> <p>CIWM Special Interest Group on biological treatments</p> <p>Society for the Environment (Chartered Member)</p> <p>Association for Organics Recycling</p> <p>Co-Chair Steering Group Sustainable Remediation Forum UK</p> <p>Member Society of General Microbiology</p> <p>Member British Society for Soil Science</p> <p>International Union of Soil Sciences</p> <p>Editorial Board Remediation Journal</p> <p>Network for Industrially Contaminated Land in Europe</p> <p>Institute of Professional Soil Scientists</p> <p>NATO/CCMS Fellowship</p> <p>International expert on green and sustainable remediation for the Ministry of Environmental protection, China</p>
Previous Employment	<p>1996 to present: r³ environmental technology Ltd. Managing Director</p> <p>1993 – 1996: Nottingham Trent University. Head of profit centre unit</p> <p>1987-1993: DTI Executive Agency. Warren Springs Laboratory. Head of unit (Grade 7, Principal Scientific Officer)</p>

Key Web Profiles

- www.linkedin.com/in/paulbardos
- https://www.researchgate.net/profile/Paul_Bardos
- <https://scholar.google.com/citations?user=gfl-AB8AAAAJ&hl=en>
- https://books.google.co.uk/books?id=Q46VG7BDuXMC&pg=PR2&lpg=PR2&dq=paul+bardos+r3+environmental&source=bl&ots=i8v9YowTcY&sig=s0q_-j0aZIPTDXcRF6ETsSNOKq0&hl=en&sa=X&ved=0ahUKEwjoomBkPTOAhVlIcAKHeKfDTs4ChDoAQhMMA0#v=onepage&q=paul%20bardos%20r3%20environmental&f=false
- <https://www.claire.co.uk/projects-and-initiatives/qualified-person-register>
- <https://www.claire.co.uk/projects-and-initiatives/surf-uk/79-surf-uk-steering-group>

University appointments

- <https://about.brighton.ac.uk/set/contact/details.php?uid=rpb17>
- <https://www.reading.ac.uk/soil-research-centre/Staff/src-visiting-staff.aspx>