

Full Name Marion Croy PhD, BSc (Hons), MI Biol, CI Biol, MIEMA

Date of Birth 5 November 1963

Company Name Enviromentor Ltd

Address Paddockfields
Medwyn Park
West Linton
Peebles-shire
EH46 7HA

Company Status Private Limited Company established 2000

Contact Telephone Tel: +44 (0)1968 661350
Fax: +44 (0)1968 661351
E-mail: marion.croy@enviromentor.co.uk

Present Position Director

Key Skills Key skills are in design and development of promotional literature and technical guides; project management; and practical resource efficiency.

Professional Membership

1994 Registered Principal Auditor (EARA)
1996 Member of Institute of Biology, Chartered Biologist

Specific Experience of Working with SME's

1995 - to date Counsellor and Advisor for Envirowise
1995 – to date Facilitator at Envirowise, Arena, Business Link, EA/SEPA events for SME's
1995 – to date Facilitator/monitoring contractor for Green business clubs for SME's (e.g. Ayrshire Textiles Waste Minimisation Club, Southampton and Eastleigh Waste Minimisation Club, Ayrshire Environmental Management Group)
2001 – to date Managing Agent for four Envirowise Supply Chain Partnership Projects (5 in the retail sector) delivering training and support to about 400 SME's

Education and Training

1985 BSc (Hons) Ecological Sciences, University of Edinburgh
1989 PhD Behavioural Ecology, University of Wales

Resume

Key specialisms are in environmental training for government, industry and businesses, environmental management, waste minimisation, legislative compliance, environmental audit and strategic planning. With over 14 years experience, clients have included the DETR/DTi, Ministry of Defence, London Docklands Development Corporation, Highlands and Islands, Scottish Enterprise Ayrshire, and major industrial companies and utility services, such as Welsh Water plc, North of Scotland Water Authority, National Power PLC, British Energy plc and Eastern Electricity Plc. Five years previously, I was engaged in advanced research and development of environmental studies working in UK and Canadian universities. Sponsors included, the ODA, SERC, Canadian Government and NATO.

Selected Project Experience

Envirowise (DTi/DETR) Advisor/Counsellor

Appointed as one of 65 independent advisors/counsellors to support Envirowise, managed on behalf of DETR/DTi by AEA Technology. Retained as a consultant for a ten-year period, to provide advice and visits to industrial companies, regarding environmental management, legislation, waste minimisation and clean technology. Advice provided to over 1000 companies, covering more than 20 industrial sectors. Under the programme, support was also provided to intermediary organisations to run about 150 training sessions and workshops, including Scottish Water, SEPA/EA, Arena-Network (Wales and Northern Ireland), Business Link, Scottish Executive and National Assembly for Wales.

Envirowise Project Manager

Prepared two guides covering specific environmental topics for Scotland region. Guides covered hazardous waste and measure to manage. Provided text and photographs to support publication.

Envirowise Project Manager

Prepared case study for publication and organised photography. Audited savings and environmental benefits using raw data and interviews of staff (Rigby Taylor turf product supplier for Manchester United).

Envirowise Project Manager

Management of programme for Arndale Shopping centre in Luton. Provision of environmental awareness for 120 stores, including launch event (with associated PR), store environmental audits and fact sheets on environmental and cost saving ideas.

Envirowise Project Manager

Conducted water audit and prepared water mass balance for Glasgow University campus (annual water bill around £0.75 million). Made recommendations and published case study of results. Conducted follow up to assist Key Account Manager with implementation and further savings.

Envirowise Project Manager

Provided support to around 250 offices around the UK who took part in the Envirowise Green Efficiency Challenge. Support included buddying, technical advice, resource efficiency solutions and impact assessment.

Envirowise Project Manager

Conducted waste minimisation and clean design audits for Indesit (4 manufacturing sites around the UK), with potential cost saving opportunities of > £1 million. Identified strategic issues including waste management, purchasing, recovery of plastics and measurement.

Scottish Enterprise Consultant

Appointed as consultant for a two-year contract to provide strategic advice, training and environmental support to all Scottish Enterprise companies.

WRAP Consultant

Appointed as consultant for four-year contract as Technical Advisor to Retail and Innovation sector.

Carbon Trust Advisor/Counsellor

Appointed as one of 40 independent advisors/counsellors to support Action Energy, managed on behalf of DEFRA/DTi by AEA Technology. Retained as a consultant for a six year period, to provide advice and visits to industrial companies, regarding energy efficiency.

Scottish Executive Consultant

Appointed to organise and manage focus groups for householders across Scotland to determine incentives for encouraging the reduction, reuse and recycling of household waste. Provision of topic guide, facilitation at venues and report, with recommendations on fiscal and community incentive schemes.

Ministry of Environment, Estonia Consultant
 Appointed to develop a public awareness campaign to encourage the reduction and recycling of household packaging waste. This involved defining the target groups, media requirements and budget allocation for a three-year campaign.

Envirowise Project Manager/Trainer
 Management of programme for 8 host companies and their suppliers in environmental awareness. Provision of awareness workshops, technical training and on-site auditing. Project in 5th year with cost savings identified in excess of £9.8 million through environmental improvements. Programme has since 2002 had 21 host companies and over 400 suppliers. Organisation and event management of 40 workshops for 400 companies to promote Waste Minimisation, Water efficiency, Energy, Transport and Resource efficiency. Design and development of workbooks, workshop and training material for manufacturers and service companies. Provision of training workshops and facilitation for participants. Also conducted Impact Assessments of the projects.

Carbon Trust Project Director
 Appointed on behalf of SEEO to conduct a survey of barriers and benefits of small scale CHP in the public and private sector organisations in Scotland. Designed a questionnaire and conducted 20 telephone interviews, with a report and recommendations on future promotions strategy and incentives.

Envirowise Consultant
 Gearing consultant for the retail sector, providing strategic advice and direction for Envirowise and in developing opportunities and partnerships for the Envirowise programme.

Envirowise Consultant
 Member of steering group for Castle Douglas retail project for two year period. Provided waste audits and support for implementation to 20 businesses located in the high street.

Envirowise Project Manager
 Preparation of twelve good practice guides (including Easy Money: A Self-Help Guide for small retailers), two case studies and four action profiles for the retail supply chain. Guides covered waste minimisation for retail stores, SME retailers, managed shopping centres and retail mentors.

Envirowise Project Director
 Design and production of training workshop software (CD ROM), to assist companies with practical waste minimisation, solvents, cleaner design, packaging, process efficiency and water minimisation. Software contains slides, notes, exercises, tips and notes for facilitators. Design of promotional CD of Waste Wise for use as demonstration tool.

Envirowise Project Manager
 Design and development of a workbook, workshop and training material on Environmental Management Systems for 60 furniture manufacturers. Provision of training workshops, facilitation for participants and event management for two venues.

Scottish Enterprise Ayrshire Project Manager
 Production of two case study leaflets for the Ayrshire Environmental Management Group. Assessment of economic and environmental benefits included raw material use, utility use, water, energy efficiency and reduction of wastes, totalling £1.2 million over two years.

Carbon Trust Project Manager

Gearing consultant for the textiles sector to provide advice on future strategies for the programme, undertake impact assessments arising from energy site assessments and represent the Carbon Trust at meetings and events.

Envirowise Project Director/Trainer
Design and development of a workbook, workshop and training material on waste and energy minimisation for 120 furniture manufacturers. Provision of training workshops and facilitation for participants.

Envirowise Project Manager
Production of three case study leaflets on Interface Fabrics Ltd, describing the company's sustainability strategy and its success to eliminate waste at source. Specific water, waste and energy initiatives were identified, and audited for cost savings.

Envirowise Project Manager
Production of four case histories for textiles companies, outlining cost savings arising from energy and environmental initiatives.

UK Waste Project Manager
Production of best practice manual for packaging waste minimisation and auditing of 6 sites to identify opportunities.

Scottish Power Project Director
Waste management audit of coal-fired power station, encompassing compliance, best practice and identification of opportunities for waste minimisation and recycling. Preparation of Waste Minimisation Plan for IPC and PPC Authorisations.

Envirowise Project Manager
Scoping report to identify waste minimisation opportunities in the retail sector and its suppliers. Identification of attitudes and barriers of companies operating within the supply chain and development of strategy for opportunities.

Envirowise Project Director
Design and development of leaflet, software and website for facilitating industrial and service companies to account for the quantities and costs of different wastes and energy produced within their organisations. The tool will also enable companies measure improvements and cost savings.

Highlands and Islands Project Manager/Trainer
Chief facilitator for waste minimisation workshops for SME's in the Highlands and Islands, as part of a strategic initiative to improve economic sustainability.

EEBPP/Envirowise Project Manager/Trainer
Design and development of a workbook, workshop and training material on waste and energy minimisation for 200 textile manufacturers. Provision of training workshops and facilitation for participants.

Envirowise Project Manager/Trainer
Design and development of a workbook, workshop and training material on waste and energy minimisation for 300 engineering manufacturers. Provision of training workshops, facilitation for participants and event management for six venues in Scotland, England, Wales and Northern Ireland.

Envirowise Project Manager/Trainer
Design and development of a Good Practice Guide for use by intermediaries to help companies save money from packaging use and minimise packaging waste and comply with the PRO and PER regulations.

Ayrshire Textile Waste Min Club

Project Manager/Facilitator

Eighteen month project to develop waste minimisation programmes for 11 textile manufacturers in Scotland. As monitoring contractor the cost savings and environmental benefits of the club were audited and verified and a case study written for dissemination under the Envirowise programme.

Rolls Royce plc

Lead Auditor

Conducted due diligence environmental audits at several manufacturing facilities as part of their programme to implement environmental management systems and reduce operating costs by waste minimisation.

Welsh Office

Technical Manager

Two year strategic SABINA project based in the Severn Estuary area to demonstrate the economic and environmental benefits from participation in a waste minimisation project. With 14 participants from manufacturing companies, the project aims to demonstrate cost savings through waste and energy reduction and encourage clean technology, using workshops, visits and consultancy.

Southampton & Eastleigh Waste Min Club

Trainer/ Consultant

Two year project to develop waste minimisation plans for eight SME's operating within the local area. Provision of training workshops, consultancy and ideas for cost saving options for waste, water and energy use.

Dow Corning Ltd

Project Manager

Development of environmental management systems for accreditation to ISO 14001 and EMAS at a large chemical plant in South Wales specialising in the manufacture of silicones. Tasks included writing an environmental policy, development of a computer database for registers of legislation and significant effects, setting targets and preparing a manual.

Defence Works Services

Advisor/Counsellor

Provision of environmental advice for the entire UK's armed forces, including the army, navy and air force. The Term Commission is a long term contract to provide a range of technical services including environmental assessment, environmental management, policy and strategy.

Texaco

Principal Consultant

A study was prepared for Texaco to examine the feasibility for the exploration and extraction of methane gas from deep coal bed seams in Wales. This broad based study included an appraisal and costs of the public perception of the project, noise, traffic, visual and ecological impacts, waste treatment and disposal. The study also piloted the Company's policy for similar initiatives in the UK.

Eastern Group PLC

Principal Consultant

Eastern Group PLC is a privatised electricity company, which has diversified rapidly into power generation, retail and contracts services. A waste management strategy for the entire organisation (including 50 depots, offices, site works and garages) was prepared to ensure full compliance with legal requirements, to identify opportunities for waste minimisation, recycling and advising on all contractual and legal requirements for contracting out waste management services to a service provider.

National Power PLC

Project Manager

Assistance was provided to three power stations to evaluate the environmental effects of power generation at the site. This included the preparation of a register of substances with the potential to cause significant environmental effects, developed as a requirement for BS 7750. The assessment included all emissions to air, water, ground and soil and also waste, amenity and utility issues and costs.

Imperial Tobacco Ltd

Project Manager

Preparation of registers of environmental legislation for all manufacturing, warehouse and office sites, covering England, Scotland and Ireland.

London Docklands Development Corporation Principal Consultant
Preparation of a statutory environmental statement to support a planning application for the Millennium Exhibition Energy Centre. Clean technology (CHP plant) to be provided as a local energy source.

Environment Agency Principal Consultant
Pilot testing of national questionnaire for quantifying volumes and types of solid waste produced by different industrial sectors. Results were used to set up a national database for the Agency.

Welsh Office Project Manager
The Welsh Office initiative, Arena Network, was established in 1992 to increase environmental awareness in industry and derive economic benefits from this process. The project was initiated and operated on behalf of the Welsh office. The services provided to 200 members included a telephone help line, information bulletins, seminars and workshops, breakfast briefings and newsletters.

Nuclear Electric Project Manager
Assistance was given to five nuclear power stations with the implementation of the environmental management systems for BS 7750. The Register of Significant Effects and Procedures Manual were developed for each site.

Water Utility, Czech Republic Lead Auditor
The largest water service company in the Czech Republic. The audit assessed the historic, current and future risks and damages resulting from operations and covered over 50 sites and different facilities.

Massey Ferguson Lead Auditor
Divestment audit of a large automotive company, comprising of four manufacturing and storage sites in the UK and France. The audit assessed historic and current liabilities arising from operations and provided costs for remediation. The information was used in the sale of the company to prepare warranties and indemnities.

National Power PLC Project Manager
Assistance was provided to National Power to evaluate the indirect environmental effects associated with power generation. This included the preparation of a register of substances with the potential to cause significant environmental effects, associated with the extraction, storage, treatment and transportation of raw materials, including coal, oil, gas and transmission of power, developed as a requirement for BS 7750.

East London Energy Company Principal Consultant
Preparation of an environmental appraisal to support a planning application for a new combined heat and power plant (CHP), using clean technology. Issues included air quality, energy efficiency, visual, noise, traffic, recreation and ecology.

Abingdon Carpets Project Manager
The large UK based carpet manufacturing company was audited at four sites, comprising of both manufacturing and storage facilities. The audit was used in the sale of the company to prepare warranties and indemnities.

Development Board for Rural Wales Project Manager/Lead Trainer
Development Board for Rural Wales provide financial marketing and environmental services to more than 2000 businesses in Wales. A series of training and awareness seminars on environmental legislation, environmental audit and management systems was provided to groups of 20-30 companies.