

Alastair Woods

BIOGRAPHY

Alastair Woods is a Senior Consultant at Irbaris with several years' experience working in consultancy roles, supporting clean technology projects, calculating organisational carbon footprints, assessing water risk, and assisting organisations in setting, and meeting, sustainability targets.

Alastair has developed a particular depth of knowledge around carbon emission reduction projects that generate certified carbon credits under UN requirements, and experience in analysing corporate energy, water and waste profiles, calculating reduction opportunities, and translating these into efficiency improvements and environmental risk mitigation.

Prior to joining Irbaris, Alastair worked with ERM on certifying carbon credits for *improved cookstoves* projects in Kenya, *water purification technology* in Bangladesh, and *wind and solar developments* in South Africa. He then grew his experience in corporate sustainability consulting while working at the Carbon Trust, working on a range of strategy projects, from designing a water impact assessment tool to modelling long-term corporate carbon targets.

Alastair spent many of his formative years in Cape Town, South Africa, before moving to Edinburgh for his post-graduate studies, and then settling in London. His background and experience has given him a useful understanding of project delivery in developing countries.

SELECTED PROJECTS

- Certification of Improved Cookstoves (co2balance) projects – Kisumu and Aberdares, Kenya
- Carbon abatement review of Water Purification technology (LifeStraw) – Dhaka, Bangladesh
- Design and pilot a water risk assessment framework for a leading pharmaceutical firm, including guidance for manufacturing sites to reduce water impact
- Model carbon emission trajectories for a leading UK retailer, and determine feasible, realistic and credible long-term carbon targets
- Develop carbon strategies for numerous UK and international corporates to measure, manage and reduce carbon emissions (incl. oil and gas, retail, distribution, pharmaceuticals, telecommunications, and food and beverage sectors)
- Assess and calculate carbon enabling impacts from the technology developed by a leading UK telecommunications firm
- Develop a carbon tracking tool to regularly review corporate carbon emission performance and determine whether in line with organisational targets
- Advisory role for the sustainability component of a rail network bid submitted by a UK transportation firm

QUALIFICATIONS

- MSc Carbon Management, University of Edinburgh, UK (2010)

PREVIOUS POSITIONS

- Carbon Trust (2013 – 2015)
Associate Consultant
- Environmental Resource Management (ERM) (2011 – 2013)
Project Analyst