

Craig Dun, Associate



Expertise

- **Climate Change Reporting** Craig is an expert in carbon accounting, climate change reporting and Scottish/UK wide policy on climate change. Having developed the guidance for the current public bodies duties climate change reporting he can undertake writing of reports or auditing completed reports prior to submission.
- **Climate Change and Sustainability management** Craig has years of experience of helping organisations with managing, strategizing coping with the demands climate change and sustainability issues have on business. His experience here includes carbon footprinting, emissions projecting, target setting and helping to set efficient and effective governance structures.
- **Data management and visualisation** Seven years of strong experience in data management. Highly skilled in interpreting data and subsequently extracting and manipulating that data to a non-technical audience.
- **Building bespoke economic and emission-based data tools** Craig is a senior modeller (spreadsheet developer) with experience building models, complex spreadsheets and visualisation dashboards for both UK and EU governments to high QA standards.
- **Carbon Management Planning** From compliance with European and UK standards, to developing climate change governance models and calculating emissions, Craig can assist with the processes involved in helping organisations and businesses in developing carbon management and/or sustainability plans.

About

Craig Dun is an experienced climate change, sustainability and data consultant with over 8 years' experience working within the fields of climate change reporting and sustainability management. He provides advice to businesses and organisations to help with carbon management plans, climate change reporting and sustainability planning. Craig currently works largely within the public sector in Scotland where he has in depth knowledge of the public bodies duties climate change reporting framework.

Craig worked for over three years as a data modeller and consultant working between the Transport and Energy and Climate Change groups for Ricardo before spending almost two years at the Keep Scotland Beautiful charity helping to manage and run the Sustainable Scotland Network (SSN) which provides advice for public sector bodies undertaking mandatory climate change reporting.

At Ricardo, Craig was involved in several roles for various high-profile clients including the European Commission and UK/Scottish Government gaining experience specifically in transport policy and alternative fuel technologies, performing large scale qualitative analysis. Key work included performing marginal abatement cost (MAC) analysis for the South African government looking into carbon mitigation as well as project managing the development of the set of DEFRA Conversion Factors (Emission Factors) still used today in carbon reporting.

Additionally, previous work for the Sustainable Scotland Network provided Craig a wealth of knowledge in mandatory public-sector climate change reporting and Scottish energy policy where he helped manage a network of 180 bodies to submit their reports on time by providing training sessions and developing guidance and support tools. His main role at SSN



however was in managing the submitted dataset and was tasked annually with producing, in very short time, analysis of all 180 reports. This also involved quality assuring and verifying all bodies emissions and project data for the purposes of producing an annual analysis report on the results of the reports, a process he also undertook solely.

Craig has extremely strong skills in Excel and VBA. He has vast experience building advanced Excel models to be used in industry (energy, financial and public sectors). For example, Craig lead the development of the Carbon Footprint and Project Register Tool (CFPR Tool) used by over 70 public sector bodies in Scotland to assist with their climate change reports, track their carbon usage, manage their carbon reduction projects and track carbon targets.

Selected Project History

- Sustainable Scotland Network Public Bodies Climate Change Reporting data analysis (Sustainable Scotland Network), 2016-present – Craig was the project manager and lead data analyst and report writer for the all three years of mandatory reports produced by the Scottish Government which analysed all 150 climate change reports submitted by the entire public sector in Scotland in November each year. The published reports can be found [here](#).
- West Dunbartonshire Climate Change Strategy development (West Dunbartonshire Council), March 2020 – September 2020 – Craig was the lead consultant working alongside WDC to develop their long-term climate change strategy. The document will work as an action plan that will steer the council towards their 2045, net zero carbon targets.
- Baxters Soup Climate Change Strategy development (Simply Sustainable), December 2020 – present – Craig was the senior carbon footprint modeller working alongside the consultancy Simply Sustainable to develop their long-term climate change strategy.
- Heat Map data collection and tool development (Zero Waste Scotland), December 2018 – March 2019 – Craig worked as part of a small team to assist ZWS in collecting data to improve the Scottish Government’s publicly available heap map database. Craig took the lead on improving the current tool used for data collection which involved the use of macros and data validation to aid users in submitting data. His involvement has vastly improved the mechanisms for requesting this data on a future basis.
- Development of carbon tool for Climate Challenge Fund funders (Keep Scotland Beautiful), March 2018 – July 2018 – Craig was part of small team to build from scratch a very complex Excel tool to allow funders of the CCF to provide the Scottish Government accurate carbon impacts of their projects. The ability to know the carbon footprint of these projects is a requirement of the funding and so this tool has been vital in assisting funders with their current projects as well as future CCF funding applications.
- Lewisham Council/Oxford City Council carbon modelling work (Aether), 2019 – Craig was brought on to these projects as a model developer to assist with creating the tool framework to assist with emissions projections and modelling of two English councils.
- Edinburgh City net zero work (Aether), 2019-2020 – Craig, again, was brought on during this work as the model developer to further develop the carbon tool to meet the needs of Edinburgh City who are looking to achieve net zero targets by 2030.
- Development of Defra/DECC’s GHG Conversion Factors for Company Reporting (Defra/DECC/BEIS), Oct 2012 – Oct 2015 - Craig was part of the small team responsible for managing the annual update to the emission factors, which is a task under the UK Greenhouse Gas Inventory (GHGI) contract (total value approx.. £500k per year), for



the Department of Energy and Climate Change (DECC, formerly part of the Department for Environment, Food and Rural Affairs, Defra). The dataset is highly regarded, cited and used internationally. Craig was also tasked one year with helping develop a complete overhaul in the structure and format of the final output of the dataset which are now being hosted on a government website.

- Management of Public Bodies Duties Climate Change Data (2016 – 2018) - During his time at SSN, Craig developed a unique model that could process all 180 reports into digestible tables and charts in a matter of hours. This process previously took weeks to complete and allowed time for much more detailed analysis of the dataset both in terms of quality and quantity. Craig also transformed the way the data was presented to a wider audience, eventually managing the process to put his results and findings online in an interactive manner.
- Further development of Carbon Footprinting & Project Register Tool (2016 – 2018) - Whilst at SSN, Craig led the further development of the CFPR tool used in the Scottish public sector. He was tasked with both addressing bugs in the existing tool and understanding the needs of its users to improve and make additions to it's functionality. Craig used his strong background in Excel programming and data analysis to automate large portions of the tool in order to streamline it and make it more user friendly and dynamic.

Qualifications

MEng, Mechanical Engineering, University of Strathclyde, 2010

MSc, Applied Mathematics, University of Glasgow, 2012



