

Curriculum Vitae: Jana Hofmann

Nationality	German
Education	<p>PhD: Analysing the carbon market and co-benefits of carbon offset projects in South Africa School of International Development, University of East Anglia, Norwich, UK</p> <p>MSc in Finance and Investment (2008) Queen Mary University of London, London, UK</p> <p>Postgraduate Certificate in Economics (2006) Queen Mary University of London, London, UK</p> <p>Bachelor of Arts (Hons.) in Tourism with Business (2006) University of Westminster, London, UK</p>
Languages	English (fluent), German (fluent), Russian (fluent)

Employment Record

April 2023 - present	Senior Technical Advisor OneWorld Sustainable Investments, Belgium
January 2017 - April 2022	Carbon Advisor Anthesis (Climate Neutral Group), South Africa
August 2021 - present	MSc Supervisor School of Oriental and African Studies (SOAS), UK
September 2015 - September 2016	Associate Tutor University of East Anglia, UK
December 2011 - September 2014	Client Service Associate Western Asset Management, UK
January 2011 - December 2011	Client Service Executive Fitch Ratings, UK
January 2009 - September 2010	German Client Service Representative Alpari UK, UK
August 2008 - December 2009	Client Service Coordinator IG Group, UK

Relevant Professional Experience

February 2023 - present	<p>GIZ Green Hydrogen Accelerator, South Africa GIZ</p> <p>Expert in Sustainable Finance</p> <p>OneWorld was contracted by GIZ to explore the feasibility and factors driving the growth of the South African green hydrogen market. The project will provide an overview of international and South African green hydrogen funding and off-take mechanisms to reduce entry barriers for project developers and to facilitate their path to bankability, and a review</p>
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of international best practices to finance green hydrogen and Power-to-X products in South Africa. Tasks include: Research the current situation on green hydrogen (SWOT analysis), provide best practice examples, and conduct stakeholder interviews with financiers, project developers, off-takers and enablers. Deliver a feasibility study on finance mechanisms available for early-stage green hydrogen projects and outline any barriers and opportunities for project developers.

April 2023 - present Sector Emission Targets, Policies and Measures Pathways, South Africa

South Africa Department of Forestry, Fishing and Environment (DFFE) and GIZ

Technical Advisor

The project aims to develop effective sectoral emission targets (SETs) for all governmental departments (inclusive of all seven environmental and non-environmental sectors). Tasks included: Analysed domestic policies and measures (PAM) which have direct and indirect mitigation impact, drafted three Development Pathways narratives and consulted with stakeholders whether the country can meet them by 2050.

April 2023 - present Mapping of International Climate Finance Sources and Opportunities for the Public and Private Sector in Bangladesh (GIZ)

GIZ

Technical Advisor

The project aims to develop a comprehensive database of private and public international climate finance sources for Bangladesh. The database will form the basis of a web-based, searchable system, for staff of the International Climate Finance Cell in the Ministry of Finance. OneWorld is undertaking a climate finance baseline analysis and stakeholder engagement exercise to develop the mapping tool and delivering capacity building support to Ministry staff to ensure long-term utility of the database. Tasks included: Review climate finance mapping report; provide training to relevant stakeholders (e.g. national and local actors, etc.) on the mapping report through a virtual knowledge sharing workshop.

January 2018 - 2019 CO₂ management system

Climate Neutral Group (CNG)

Project Lead

The project's aim was to develop an internal CO₂ management system to capture carbon emissions as per the Greenhouse Gas Protocol. Tasks included: Sourced local Emission Factors (EFs) and provided technical inputs for the software development; improved operational efficiency; created capacity and train staff how to use the system.

January 2017 - 2022 Carbon footprint and carbon offset project assessment

Climate Neutral Group (CNG)

Project Lead

Day-to-day responsibilities included advising South African and international companies on how to reduce their carbon footprint and embark on the net-zero pathway. Clients served: IAATO (Antarctic tourism), Sanlam Marathon, Webber Wentzel, China Development Bank, Cliffe Dekker Hofmeyr etc. Tasks included: Measured livelihood impacts of climate change mitigation projects and determined their quantitative contribution to Sustainable Development Goals (SDGs).

December 2020 Monitoring and evaluation - the Wonderbag project

Natural Balance Global (Pty) Ltd

Technical expert



The project aimed to estimate and verify annual average greenhouse gas (GHG) emissions that can be issued as carbon credits and traded in the market. Tasks included: Analysed household surveys and calculated GHG emission reductions; coordinated with auditors and carbon standards on requirements to issue carbon credits.

October 2020

Zaidi Bomba Maji Arusha Gold Standard project

VEI – Dutch water operator

Stakeholder engagement expert

This was the first-of-its-kind Gold Standard carbon offset project. The project aimed is to build new water connections to more than 2,000 people in Arusha, Tanzania. Its objective was to reduce greenhouse gas emissions and generate revenue from carbon credits. The revenue from carbon credits would help install more access points, expand the existing water distribution pipe networks and connect more people to safe water in the low-income areas. Tasks included: Engaged in stakeholder consultations with more than 200 people from seven different wards on how the project contributes to improve their lives. Facilitated SDGs assessment with stakeholders.

Publications and Conference Papers (selected)

Hofmann, J., Guan, D., Chalvatzis, K., & Huo, H. (2016). Assessment of electrical vehicles as a successful driver for reducing CO2 emissions in China. *Applied energy*, 184, 995-1003.

Hofmann, J. 2017. 'Columbia's Carbon Tax: Is South Africa Next?', Climate Neutral Group. Available at: <https://climateneutralgroup.co.za/colombia-south-africa-carbon-tax/>

Hofmann, J. 2017. 'Is South Africa ready for electric cars?', Climate Neutral Group. Available at: <https://climateneutralgroup.co.za/south-africa-ready-electric-cars/>

Hofmann, J., (forthcoming) Project implementation and social acceptance of carbon offset projects in South Africa

Hofmann, J., (forthcoming) Livelihood impacts of carbon offset projects on local communities: A case of South Africa

Hofmann, J., (forthcoming) Realities of household energy efficient technologies' adoption and integration within South African low-income households

