

Curriculum Vitae

Name: Axel Michaelowa
Nationality: German
Date and place of birth: 8-4-1968; Heidelberg, Germany
Legal status: Married, one child



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Work experience: Since 2018: Senior Founding Partner at Perspectives Climate Group, and research director at Perspectives Climate Research

2014-2017: CEO of Perspectives Climate Change consultancy with 15 staff members

2007-2013 Senior Founding Partner at Perspectives Climate Change consultancy, Zurich Office

Since 2006 researcher at University of Zurich

2003-2007 CEO of Perspectives Climate Change consultancy (part-time) with 8 staff members

1999-2006 head of Programme "International Climate Policy" at Hamburg Institute of International Economics (HWWA) with up to 10 staff members.

1997-1999 teleworker for HWWA from Paris and project coordinator of the research project "EU climate policy from a public choice perspective" financed by the German National Science Foundation

Since 1995 participation as observer at the Conference of the Parties to the U.N. Framework Convention on Climate Change

1994-1997 researcher at HWWA. Focus: international environmental economics, climate policy, trade policy

Academic career: 1996 Ph.D. (economics) at Hamburg University; Thesis "Fiscal and regulatory incentives for Joint Implementation"

Fall 1988 to summer 1993 study of economics at Mannheim University; Diploma thesis: "Did climatic changes favour the extension of food availability in Great Britain in the mid 18th century?"

- Memberships:** Adaptation Benefits Mechanism Executive Committee (since 2019)
Board of Zurich Carbon Market Association (president 2010-2019, member since 2019)
Carbon Market Watch (since 2011)
Board of the Research and Independent NGOs (RINGO) Constituency under the UNFCCC (Chairman 2005 and 2008, founding member in 2003)
Climate Strategies (chairman 2012-2013, board member 2012-2018, founding member in 2003)
Environmental Economics Committee of Verein für Socialpolitik (German Association of Economists) (since 2003)
Germanwatch (since 2002)
- (past):** German Federal Association for Emissions Trading and Climate Protection (Chairman 2002-2005, board member 2005-2010, member until 2023)
Board of the Swiss Climate Cent Foundation (2005-2009)
American Economic Association (1994-2013)
- Advisory functions** Since 2024: Member of the Continuous Improvement Work Programme 3 - Paris Alignment - Baselines and NDCs of the Integrity Council for the Voluntary Carbon Market (ICVCM)
Since 2023: Member of the Climate Action Data Trust User Forum
Since 2023: Member of the Advisory Board for the American Geophysical Union (AGU)'s initiative towards development and adoption of an Ethical Framework for Climate Intervention Research
Since 2023: Member of the Article 6.4 mechanism Roster of experts under the UNFCCC for methodologies and climate policy matters.
Since 2023: Member of the advisory board of the LIFE COASE project of the European University Institute, Florence
2022: Author of a policy brief on climate clubs under the Think Tank 7 (T7) initiative under the G7 presidency of Germany
2022: Author of a policy brief on green/blue hydrogen under the Think Tank 20 (T20) initiative under the G20 presidency of Saudi Arabia
Since 2021: Vice Chair of Methodologies Panel of Adaptation Benefits Mechanism Executive Committee
Since 2021: Member of the International Research Council of the Decarbonization Chair at the University of Quebec in Montreal
2021: Author of a policy brief on green/blue hydrogen under the Think Tank 20 (T20) initiative under the G20 presidency of Italy
Since 2020: Member of the editorial board of the journals "International Environmental Agreements" and "Chinese Journal of Population, Resources and Environment"
2020: Lead author of two policy briefs on green/blue hydrogen and climate friendly recovery from COVID-19 under the Think Tank 20 (T20) initiative under the G20 presidency of Saudi Arabia
Since 2010: Member of the editorial board of the journal "Greenhouse Gas Measurement & Management"

Since 2008: Member of the editorial board of the journal “Climate and Development”

Since 2007: Methodology reviewer for the Gold Standard Foundation (two reviews on energy efficiency and biofuels)

Since 2003: Methodology reviewer for the CDM Executive Board (13 methodologies reviewed on energy efficiency, cement production, landfill gas, renewable energy, reforestation, carbon capture and storage)

Since 2001: Roster of experts of UNFCCC Secretariat

Since 2000: Associate Editor of the journal “Climate Policy”

2011-2012: Member of the editorial board of the journal “Low Carbon Economy”

2010-2014: Lead Author for Chapter 13 “International Cooperation: Agreements & Institutions” and contributing author to Chapter 14 “Regional Development and Cooperation” as well as Chapter 7 “Energy systems” of the contribution of Working Group III to the IPCC Fifth Assessment Report

2006-2013: Member of Registration and Issuance Team of the CDM Executive Board (evaluation of 177 projects)

2006-2010: Member of Scientific Advisory Board of the Sahel and Sahara Observatory

2005-2006: Methodology expert in six Assessment Teams for accreditation of validators and verifiers by the CDM Executive Board (accreditation of SGS, BVQI, KFQ, LRQA, PwC South Africa, TÜV Nord)

2005-2006: Advisory group of the project “The Future of the Clean Development Mechanism”, Stichting Natuur en Milieu (The Netherlands Society for Nature and Environment) and HIVOS (Humanist Institute for Co-operation with Developing Countries)

2006: Member of Ministry of Economy, Trade and Industry Study Group: Overcoming Obstacles to GHG Mitigation Projects in Asia, Japan

2005-2006: Board of Climate Justice programme of North Elbian Mission Centre

2004-2007: Lead Author for Chapter 13 “Policies, instruments and co-operative arrangements” of the contribution of Working Group III to the IPCC Fourth Assessment Report

2003-2015: Member of advisory board of Helio International

2003-2006: Chair of Project Committee of Climate Strategies; member of Advisory Group for “JET-SET” project financed by the German Ministry of Research

2002-2006: Advisory council of Hamburg Fund for Climate Protection

2001-2004: Advisory Group of the “PRUDENCE“ and “ORFOIS” projects under the 5th EU Framework Programme

2000-2002: Advisory Group of the “JOINT“ project under the 5th EU Framework Programme

2000: Expert Panel of Det Norske Veritas/ECN on Development of Guidelines for Baseline and Monitoring and an Associated Validation and Verification Procedure for Dutch Joint Implementation Projects

1999: Evaluation of project proposals for the 5th EU Framework Programme on behalf of the EU Commission

1997-1999: Advisory Panel of World Bank AIJ Program

Referee of the journals Carbon Management, Climatic Change, Contemporary Accounting Research, Ecological Economics, Energy, Energy Advances, Energy Conversion and Economics, Energy Policy, Environment, Development and Sustainability, Environmental Management, Environmental and Resource Economics, Environmental Policy and Governance, Environmental Science and Policy, Ethics and International Affairs, Global Environmental Change, Global Environmental Politics, Global Challenges, Globalizations, International Journal of Greenhouse Gas Control, International Journal of Sustainable Development, International Journal of Sustainable Transportation, International Political Science Review, International Review of Environmental Strategies, International Studies Quarterly, Journal of Environment and Development, Journal of Environmental Protection and Policy, Journal for Nature Conservation, Mitigation and Adaptation Strategies for Global Change, Nature Climate Change, Nature Energy, Organization Studies, Review of World Economics, Transnational Corporations, and World Development

Research projects

2024-2026: Co-CREATE: Conditions for Responsible Research of SRM – Analysis, Co-Creation, and Ethos (Horizon Europe) (at Perspectives Climate Research)

2021-2024: Policy and ethics of CO₂ removal (CDR-PoEt) (German Ministry of the Environment) (at Perspectives Climate Research)

2021-2023: Demonstration and upscaling of carbon dioxide management solutions for our net-zero future, DemoUpCARMA) (Swiss Federal Office for Energy) (partner, at Perspectives Climate Group)

2021-2023: What international negotiators promise and domestic policymakers adopt: Policy and politics in the multi-level climate change regime, Swiss Network for International Studies (partner)

2018-2021: Negative emission technologies: readiness assessment, policy instrument design, options for governance and dialogue (NET-RAPIDO), Swedish Energy Agency (at Perspectives Climate Research)

2018-2020: Designing Effective Regulation for Carbon Markets at the International, National and Regional Level, Swiss Network for International Studies (partner)

2017-2019: Effectiveness of Partnerships for Sustainable Development – Behavioral Pathways and Impacts, Swiss Network for International Studies (partner)

2017-2018: Transformative increase of ambition – the contribution of effective climate policy instruments, German Ministry of Research (at Perspectives Climate Research)

2017-2018: Private sector finance for NDC implementation in Sub-Saharan Africa (Swedish Energy Agency) (at Perspectives Climate Research)

2014–2016: The Politics of Informal Governance, Swiss Network for International Studies (partner)

2013-2016: Mobilizing and transferring knowledge on post-2012 climate policy implications (POLIMP), EU 7th Framework Programme

2012-2015: Various aspects of climate finance, Swiss Agency for Development and Cooperation

2010-2012: Standardised baselines, USEPA

2010-2012: Efficient adaptation policy instruments, Swiss Development Collaboration

2010-2011: Efficiency of public finance versus market mechanisms, Swiss Ministry of Economic Affairs

2010-2011: Linking public finance and market mechanisms in the post-2012 climate regime: Lessons from existing mitigation mechanisms, Climate Strategies, UK

2009-2013: Sectoral mechanisms for developing countries (three tranches), Federal Environmental Office, Germany

2008-2009: Contribution of CDM to global emissions reductions, Federal Environmental Office, Germany

2008-2009: CDM reform, Climate Strategies, UK

2007-2008: Empirical analysis of CDM projects with regards to performance in volume and timing of CER generation, Climate Strategies, UK

2005-2006: Development of baseline methodologies for large-scale energy efficiency improvement, Ministry of Economy, Trade and Industry, Japan

2003-2005: Scenarios for the 2nd commitment period, Government of Japan

2001-2002: Procedures for accounting and baselines for projects under Joint Implementation and the Clean Development Mechanism, EU 5th Framework Programme

2001-2002: Kyoto Mechanisms Experts Network, EU Enrich-Programme

1997-2001: EU climate policy from a public choice perspective, German National Research Foundation

Consultancies:

Since 2024: Support of task force on a trading platform of high-quality carbon credits in Switzerland (Swiss Stock Exchange SIX and Digital Switzerland)

Since 2023: Assessment of climate co-benefits of waste sector and forestry-related policies in India (EU GIZ)

2023-2024: Support of development of Just Energy Transition Partnership (JETP) in Vietnam (EU Commission)

2023-2024: Support of development of Article 6 strategy in Egypt (World Bank)

2023-2024: Support of adaptation policy design in various African countries under the LEAF energy access programme (African Development Bank)

2023-2024: Elaboration of Article 6 online training course (Ministry of Economy and Climate Protection Germany, Ministry of Environment Japan)

2023-2024: Support of development of Article 6 strategy in Senegal (World Bank)

2023-2024: Support of cooling sector mitigation programme development in Vietnam (Energy Transition Partnership)

2023-2024: Support of renewable energy policy crediting under Article 6.2 in Morocco (GGGI)

2023-2024: Support of Article 6 strategy in Vietnam (UNDP)

2023: Support of the government of Bahrain in developing a long term low-emissions development strategy (GIZ International Services)

2023: Development of an Article 6.2 pilot in India (Shakti Foundation)

2023: Evaluation of ETH Zurich's Air Travel Project (ETH Zurich)

2023: Support of the Just Energy Transition Partnership (JETP) in Vietnam (Energy Transition Partnership)

2022-2023: Support of the development of a domestic voluntary carbon market registry concept for Saudi Arabia (CDM DNA of Saudi Arabia)

2022-2023: Study of design of a carbon tax in Vietnam in the context of the EU carbon border adjustment mechanism (UNOPS)

2022-2023: Support of the delegation of United Arab Emirates in COP27 negotiations (ADNOC)

2022-2023: Support of the Youth negotiators of Tunisia in COP27 and SB58 negotiations (GIZ)

2022-2023: Project concept preparatory mission on Just Transition and climate policy in Morocco and drafting related documentation (GIZ)

2022-2023: Supporting the governments of Palestine, Paraguay and Peru in development of their Article 6 strategies as well as communication of Article 6-related strategies among NDCP member countries (NDC Partnership)

2022-2023: Development of a mitigation action design document for low GHG cooling in Ghana (KliK Foundation)

2022-2023: Development of a mitigation action design document for buildings energy efficiency in Georgia (KliK Foundation)

2022-2023: Support of Monaco in development of its Article 6 strategy (Government of Monaco)

2022-2023: Baseline methodology transition from the CDM to Article 6 (German Federal Environmental Office)

2022: Support of private company participation in COP27 (large European energy company)

2022: Support of a roadmap for an Article 6.2 pilot for direct air capture and mineralization in Iceland (Climeworks)

2022: Drafting of final report of Foundation for the Future of Carbon Markets (Foundation for the Future of Carbon Markets)

2022: Study on implication of Article 6 decisions on operations of a carbon market exchange (Xpansiv)

2022: Support of the Indian Ministry of Environment in development of an Article 6 strategy (GIZ)

2022: Prioritization of Article 6-related activities in the agriculture, forestry, livestock and fisheries sectors (FAO)

2021-2024: Development of methodological concepts for additionality, baseline setting, MRV and NDC alignment in the context of the International Initiative for the development of Article 6 Methodology Tools (II-AMT) (various government funders)

2021-2024: Development of methodological concepts for GHG removal and carbon capture and storage under the VCS standard (CCS+ Initiative) (various private sector funders)

2021-2023: Mobilising carbon market and climate finance for the cooling sector in Morocco under the Clean Cooling Collaborative (Climate Works Foundation)

2021-2023: Mobilising carbon market and climate finance for the cooling sector in Ethiopia under the Clean Cooling Collaborative (Climate Works Foundation)

2021-2022: Aspects of voluntary carbon markets in Tunisia (GIZ)

2021-2022: Study on design of a voluntary carbon market in India (Bureau of Energy Efficiency)

2021-2022: Methodological support of upscaling of carbon crediting under Article 6 in the context of the Climate Teams initiative (Environmental Defense Fund)

2021-2022: Development of a methodology for assessment of adaptation beneficiaries (Green Climate Fund)

2021-2022: Support of the delegation of Tunisia in COP26 and SB56 negotiations (GIZ)

2021: Commercial deep dive webinar on Article 6 and the international voluntary carbon market

2021: Support of the delegation of United Arab Emirates in COP26 negotiations (ADNOC)

2021: Support of the delegation of Honduras in COP26 negotiations (IADB)

2021: Study on ‘carbon handprint’ concepts for research institutions (University of Zurich)

2021: Study on Article 6 and carbon pricing in the context of UNFCCC negotiations (National Tsinghua University)

2021: Study on additionality determination for sustainable development impact claims of financial institutions (Gold Standard)

2021: Support of Article 6 capacity in the East African Community (GIZ)

2021: Study on a carbon exchange in the East African context (GIZ)

2021: Mobilizing funding for soil carbon enhancement (GIZ)

2021: Study on legal and political frameworks for removals under Article 6 (Swiss Federal Office for the Environment)

2021: Evaluation of proposals for NDC enhancement under the German IKI programme (Zukunft - Umwelt – Gesellschaft)

2021: Assessment of the ART TREES standard for REDD+ (German Ministry of Environment)

2021: Issues related to best available technology and benchmark approaches for Article 6 baseline methodologies (Swedish Energy Agency)

2021: Background document on status of UNFCCC negotiations prior to COP26 for Vietnamese negotiators (GIZ)

2021: Study on standardized approaches to additionality determination in the Peruvian context (Gold Standard)

2021: Design of a positive list approach for Peru's Article 6 participation (World Bank)

2021: Independent evaluation of the methodological framework proposed in mitigation activity design documents for Article 6 pilots (Swedish Energy Agency)

2021: Design of domestic baseline and crediting system for Middle Eastern country (National CDM Authority)

2020-2022: Support of carbon market development of six projects (large oil and gas company in Middle East)

2020-2022: Support of the West African Alliance for Carbon Markets and Climate Finance (German Ministry of Environment)

2020-2021: Support of the update of Ethiopia's Nationally Determined Contribution (World Bank)

2020-2021: Study on baseline development for cooling sector activities in the context of the Kigali Amendment and the Paris Agreement (GIZ)

2020-2021: Evaluation of adaptation projects in developing countries funded by German public agencies (German Institute for Evaluation)

2020-2021: Study on transformational impacts of Article 6 activities (German Federal Office for the Environment)

2020-2021: Drafting of mitigation chapter of Biennial Update Report of Palestine (UNDP)

2020-2021: Identifying owners of unused Certified Emission Reductions (Swedish Energy Agency)

2020: Development of a training module on international carbon markets and training of staff of Indonesian utility PLN (Asian Development Bank)

2020: Study on the negotiations on market based instruments under the International Maritime Organization (GIZ)

2020: Impacts of the COVID-19 crisis on mitigation policies that could be applied under Article 6 (Government of Norway)

2020: Providing expertise on international compliance and voluntary carbon markets to the Bureau of Energy Efficiency, India (GIZ)

2020: Assessing CDM methodologies regarding their potential transition to Article 6 (Swedish Energy Agency)

2020: Development of submission of bioenergy NAMA support project for 7th call of NAMA Facility (WWF)

2020: Support of the Ethiopian NDC revision (World Bank)

2020: Study on nature-based solutions and international carbon markets, and related hotline (large international oil company)

2020: Study on status of emission trading systems around the world (Temasek)

2020: Supporting integration of low-GHG cooling initiatives for NDC revision in Seychelles (GIZ)

2020: Identification of policy crediting options as Article 6 pilots and definition of additionality determination (Global Green Growth Institute)

2019-2025: Developing robust rules and modalities for Article 6 - support to the negotiations (Swedish Energy Agency)

2019-2023: Support of Taiwan regarding participation in international carbon markets (National Tsinghua University)

2019-2020: Definitions of climate neutrality (German Energy Agency)

2019-2020: Carbon pricing in the Tunisian cement sector (UNDP)

2019-2020: Article 6 support for the government of Tunisia, including a submission to KliK (GIZ)

2019-2020: Development of a net zero emissions strategy (City of Zurich)

2019-2020: Support of the Moroccan NDC revision and NDC tracker (GIZ)

2019-2020: Study on Article 6 activities by cities (German Federal Office for the Environment)

2019-2020: Support of German negotiators regarding Article 6.8 (German Federal Office for the Environment)

2019-2020: Evaluation of the German activities for support of REDD+ (German Institute for Evaluation)

2019-2020: Study on measuring impacts of NDCs of Southern Mediterranean countries (European Commission)

2019-2020: Support of diplomatic outreach of EU on adaptation issues (EU Commission)

2019-2020: Supporting the detailed preparation phase of the NAMA Facility submission of a waste NAMA Support Project in India (GIZ)

2019-2020: Study on development of a regional emission trading scheme for Chile, Colombia and Peru under Article 6 (ENEL)

2019-2020: Study on interaction between electricity markets and market mechanisms for climate change mitigation (IRENA)

2019-2020: Climate Change Trust Funds at the Multilateral Development Banks (GIZ)

2019-2020: Support of criteria development for Article 6 pilot activities and assessment of submissions received under the first and second call (Swiss KliK Foundation)

2019-2020: Guidebook for high level negotiators on the crunch issues for Article 6 negotiations (two editions) (European Capacity Building Initiative)

2019: Policy paper on hydrogen economy strategies and the Gulf countries (Emirates Diplomatic Academy)

2019: Opportunities to mobilize private climate finance through Article 6 (Swedish Energy Agency)

2019: Study on security policy implications of climate engineering for Switzerland (Swiss Foreign Ministry)

2019: Methodological framework to assess GHG impacts of policies and actions for energy related sectors (Rwanda Environmental Management Agency)

2018-2021: Linking market mechanisms and climate finance in Africa, leading to three proposals for the Green Climate Fund and including two editions of a study on the landscape of Article 6 pilot activities (German International Climate Protection Initiative)

2018-2020: Development of measurement, reporting and verification systems for Clean Technology Fund projects in Vietnam (Asian Development Bank)

2018-2019: Study on a market mechanism for the Indian waste sector (World Bank)

2018: Study on inventories and MRV systems in international and domestic climate policy systems (German Free Democratic Party)

2018: Study on experiences regarding crediting mechanisms worldwide (Nordic Environmental Finance Corporation)

2018: Study on interactions between the Kigali amendment for HFC phaseout and Art. 6 of the Paris Agreement (GIZ)

2018: Study on carbon pricing in Senegal (West African Development Bank)

2018: Evaluation of the German Foundation “Future of carbon markets” (KfW)

2018: Aspects of voluntary markets for carbon market design in India (GIZ)

2018: Support of Togo’s readiness for carbon markets under Art. 6 of the Paris Agreements (West African Alliance for Carbon Markets)

2018: Opportunities of carbon market mechanisms under Art. 6 for Africa (AfDB)

2018: Baselines for performance of Accredited Entities regarding GHG emissions and climate resilience (Green Climate Fund)

2018: Concept note for Green Climate Fund (client from Middle East)

2018: Technical paper on mitigation co-benefits of adaptation (UNFCCC Secretariat)

2017-ongoing: Support of the Carbon Market Mechanisms Working Group (German Ministry of Environment)

2017-2020: Studies on aspects of global carbon market mechanisms, including additionality determination and criteria for CORSIA eligible credits (GIZ)

2017-2019: Sectoral baselines for electricity, cement and phosphate production in Morocco (Partnership for Market Readiness)

2017-2019: Support of Moroccan delegation in the UNFCCC negotiations (GIZ)

2017-2018: Study on carbon tax in Vietnam (UNDP)

2017-2018: Energy efficiency and renewable energy NAMA for the Vietnamese textile sector (GIZ)

2017-2018: Sustainable development impacts of climate engineering (Climate Strategies)

2017: Support on the concept of adaptation co-benefits (National CDM Authority of Saudi Arabia)

2017: Renewable energy and GHG mitigation registry in Madagascar (UNIDO)

2017: Feasibility study on low emission transport options in Bhutan (UNDP)

2017: Bus Rapid Transit system NAMA for Tanzania (UNDP)

2017: Developing an NDC Implementation Plan for Rwanda (Rwandan Environmental Management Authority)

2017: Developing a methodology and project concepts for an Adaptation Benefit Mechanism in Ethiopia (AfDB)

2017: LEDS for human settlements in Bhutan (UNDP)

2017: Developing project ideas for cleaner production and mitigating GHG emissions in Bhutan (UNDP)

2017: LEDS review and mitigation analysis for the industrial sector in Bhutan (National Environment Commission, Government of Bhutan)

2017: NAMA outline for hydropower in Madagascar (UNIDO)

2016-2019: Contribution to French language guidebook for UNFCCC negotiators (IFDD)

2016-2018: Supporting the design of evaluation of carbon finance at the World Bank Group (Independent Evaluation Group, World Bank)

2016: Assessing the outcome of UNFCCC COP 22 and its relevance for Vietnam (GIZ)

2016: Experiences with carbon markets in Vietnam and recommendations for the Paris Mechanisms (UNDP)

2016: Interlinkages of NAMAs, LEDS, INDCs and sustainable development priorities (AfDB)

2016: Development of a NAMA in lighting efficiency in buildings in Vietnam (LuxAid)

2016: Mapping researchers on climate finance (GIZ)

2016: Development of Sustainable Cities Green Climate Fund proposal for the Ethiopian CRGE Facility (DFID, UK)

2016: Study on impacts of NAMAs and INDCs on CER accrual for the Ci-Dev initiative (World Bank)

2015-2016: Development of NAMAs for the industry, power and transport sectors in Trinidad & Tobago (UNDP)

2015-2016: Development of a NAMA for the pulp and paper sector in Indonesia (GIZ)

2015-2016: Support to African institutions in relaunching the CDM (German Ministry of Environment)

2015-2016: Contribution of the Japanese Joint Crediting Mechanism to mitigation (German Ministry of Environment)

2015-2016: Study on co-benefits of new market mechanisms (German Federal Office for the Environment)

2015-2016: Study on climate finance aspects of INDCs (German Ministry of Environment)

2015-2016: Study on application of innovative indicators for adaptation benefits for three projects in Indonesia, Kenya and Nicaragua (REEEP)

2015: Potential of carbon market mechanisms for Indian states (GIZ)

2015: Study on coexistence of project-based mechanisms and carbon taxes (Norwegian Ministry of Environment)

2015: Study on carbon markets and household energy (GIZ)

2015: Support of development of project proposals to the Green Climate Fund by the Ethiopian Ministry of Industry (UNDP)

2015: Support of Saudi Arabia's intended nationally determined contribution to the 2015 agreement (Ministry of Petroleum and Mineral Resources of Saudi Arabia)

2015: Support of Tanzania's intended nationally determined contribution to the 2015 agreement (Expertise France)

2015: Support of Zimbabwe's intended nationally determined contribution to the 2015 agreement (Expertise France)

2015: Support of Vietnam's intended nationally determined contribution to the 2015 agreement (GIZ)

2015: Design of market mechanisms under the Paris Agreement (Swiss Federal Office for the Environment)

2014-2017: Development of NAMA in the solid waste sector in India (GIZ)

2014-2016: PoA Working Group (German Ministry of Environment)

2014-2016: Climate finance allocation and negotiation support (GIZ)

2014-2016: NAMA in the Vietnamese cement sector (NEFCO)

2014-2016: Support of UNFCCC-related activities and study on climate finance approaches (National Tsing Hua University)

2014-2015: Study of carbon crediting of mitigation policies in developing countries (multilateral development bank)

2014-2015: Support of UNFCCC-related activities (Nedbank)

2014-2015: LCDS and NAMA framework for Sudan (UNDP)

2014-2015: NAMA in the Peruvian waste sector (NEFCO)

2014: NAMA handbook for renewable energy 2nd edition (IRENA)

2014: NAMA in the building sector of Algeria (Friedrich Naumann Foundation)

2014: NAMA in the rural housing sector of Uzbekistan (UNDP)

2014: Defining a national contribution of Tunisia for the 2015 agreement (GIZ)

2014: Criteria for climate finance contribution and allocation (Swiss Development Cooperation)

2014: Criteria for CER eligibility (KfW)

2013-2015: Scoping study on Blue Carbon in the Red Sea and Gulf of Aden (PERSGA)

2013-2014: NAMA in the Tunisian renewable energy sector (UNDP)

2013-2014: NAMA in the Tunisian wastewater sector (GIZ)

2013-2014: Development of the international climate finance architecture (German Ministry of Environment)

2013: Resource person for summer school of the International Partnership on Mitigation and MRV “Tracking progress and MRV for greenhouse gas emissions reductions” (GIZ)

2013: Short study on key negotiation issues regarding the CDM (LDC Expert Group)

2013: New Market Mechanism sectoral scoping study Algeria (Friedrich Naumann Foundation)

2013: How to design a feed-in tariff facility under the Green Climate Fund (World Future Council)

2013: Scoping study on Blue Carbon in Saudi Arabia (PERSGA)

2013: NAMA in the Indonesian streetlighting sector (GIZ)

2013: Assessment of potential CER overissuance for industrial gas project

2013: Study on alternatives to the UNFCCC (Swiss Federal Office for the Environment)

2013: Support of New Market Mechanism workshop for the Maghreb Region (GIZ)

2012-2013: Standardization of baselines for Ethiopia (DFID)

2012-2013: Methodology for operationalization of adaptation indicators “saved wealth” and “saved health” (GIZ)

2012: Support of the presidency of the 18th UNFCCC Conference of the Parties (Government of Qatar)

2012: Market mechanism capacity building in Algeria (Friedrich Naumann Foundation)

2012: Study on Net Avoided Emissions (German International Cooperation)

2012: NAMA guidebook (IRENA)

2012: Support of CDM wind power PoA and CDM solar thermal project (both in Morocco, registered as UNFCCC no. 9491 and 8946)

2012: Support of renewable energy stove project in Mozambique

2012: Three studies on the CDM for the CDM Policy Dialogue (UNFCCC Secretariat)

2012: Contribution to methodology for Voluntary Carbon Standard (Mexico)

2012: Study on key elements of negotiation for Uzbekistan (UNDP)

2012: Support of Organizing Framework of Jordan for the Partnership for Market Readiness (World Bank)

2011-2012: NAMA handbook (UNFCCC Secretariat)

2011-2012: Methodologies for suppressed demand (Gold Standard)

2011: Study on standardized baselines (World Bank)

2011: Due diligence on a renewable energy stove project in Mozambique

2011: Due diligence on an efficient stove project in Haiti

2011: Study on fuel security market mechanism (ADB)

2011: Evaluation of Moroccan CDM portfolio (German International Cooperation)

2011: Study on linking renewable energy promotion policies with international carbon trade (IEA RETD)

2010-2011: Benchmarking for N₂O reductions from adipic acid production (Rhodia)

2010-2011: Study on application of economic instruments for adaptation to climate change (EU Commission)

2010-2011: Assessment of public inputs on standardised baselines and baseline scenario tools (UNFCCC Secretariat)

2010-2011: Study on indicators for adaptation projects (German Technical Cooperation)

2010-2011: Study on the Japanese bilateral mechanism (Japanese External Trade Organization)

2010: Support in development of a NAMA concept for efficient housing (Ministry of Foreign Affairs, Mexico)

2010: Support in UNFCCC negotiations (Ministry of Foreign Affairs, Mexico)

2010: Capacity building workshop for CDM programmes in the Maghreb (German Technical Cooperation)

2010: Contribution to methodology guide booklet (UNFCCC Secretariat)

2009-2010: Support of the national CDM authority in Algeria (German Technical Cooperation)

2009-2012: Support in setting up of the national CDM authority, CDM capacity building and negotiation support (Ministry of Petroleum, Saudi Arabia)

2009-2010: Support in UNFCCC negotiations and specification of UAE national climate policy (Masdar, Abu Dhabi)

2009: Contribution to study on use of benchmarks in the CDM (DFID, UK)

2009: CDM capacity building workshop in Tunis (German Technical Cooperation)

2009: Contribution to study on using new financial mechanisms for Indonesian climate policy (Ministry of Finance, Indonesia)

2009: CDM capacity building workshop in Tajikistan (DENA, Germany)

2009: Study on global benefits index data needs and reform options (Global Environment Facility)

2009: Training course on CDM risks and risk reduction in Uzbekistan (UNDP)

2009: Study on programmatic CDM options for Indonesia (Australian National University)

2009: CDM capacity-building workshop on efficient stove projects and programmes for experts and entrepreneurs from Benin, Burkina Faso, Mali, Senegal and Rwanda (German Technical Cooperation)

2009: Contribution to CDM baseline methodology development for aerobic landfills (Mundus Aer), approved in July 2009 as AM 0083

2009 – 2011: Contribution to CDM baseline methodology development for energy efficiency improvement in buildings (Masdar), approved in June 2011 as AM 0091

2008: Contribution to guidebook on programmatic CDM (German Development Bank)

2008: Contribution to study on CDM reform after 2012 (DEFRA, UK)

2008: Support of assessment of methodologies for refurbishment of thermal power plants (Alstom)

2008: PDD review of ultra-supercritical power plant in China (TFS)

2008: Support of PDD development for ventilation air methane abatement in Chinese coal mines (Green Holdings)

2008-2009: Support of PDD development for supercritical coal power plant in India (Reliance Energy Limited), registered in June 2011 as UNFCCC no. 4533

2008: Review of PDDs for landfill gas projects (Bionersis)

2008: Support of PDD development for hydropower in the Philippines (SNPowerInvest)

2008: Development of a JI methodology for N₂O reduction from adipic acid production in France (Rhodia), approved in November 2008

2007 – 2008: Development of a CDM guide book that summarises relevant CDM rules and explains approved methodologies (DEFRA, UK).

2007: Reform of additionality rules of the CDM (WWF)

2007: Guide to CDM rules (UK Ministry of Environment)

2007: Chapter on global carbon markets and CER supply / demand for study “CDM in China” (World Bank)

2007: PIN assessment of conversion from single-cycle to combined-cycle and fuel switch from oil to gas in a power plant in Indonesia.

2007: Development of CDM programme for dissemination of compact fluorescent lamps in India (German Technical Cooperation)

2006 – 2007: CDM feasibility assessment for three potential CDM projects (Shell International)

2006-2007: Support in development of CDM project design document for greenfield gas power plant in Gujarat, India (Torrent Power), registered in August 2007 as UNFCCC no. 1116

2006: DNA set-up Yemen: Writing draft DNA legislation and awareness raising among ministries and private sector (UNDP)

2006: CDM capacity building workshop in the forestry sector in Cambodia (German Technical Cooperation).

2006: Study on additionality determination by registered CDM projects (UNFCCC Secretariat)

2006: Explaining post-2012 climate policy to business (German Ministry of Environment)

2006: Study on the impact of the Linking Directive on Thailand (EU SPF Programme)

2006: CDM capacity building in Tunisia (German Technical Cooperation)

2005: Study on lessons from application of emissions benchmarks in the EU Emission Trading Scheme for Canada (Government of Canada)

2005: CDM baseline and monitoring methodology for biodiesel plant, India (Zenith Energy), rejected by the CDM Executive Board

2005: CDM baseline and monitoring methodology for new gas-fired power plant, India (Torrent Power), approved in May 2006 as AM 0029

2005: Evaluation of CDM project idea note for retrofit of gas-fired power plant, Indonesia (German company)

2005: CDM project design documents for N₂O abatement from adipic acid production in Korea and Brazil (Rhodia, France), registered in late 2005 as UNFCCC no. 0099 and 0116

2005: CDM project design document for landfill gas capture (Energy Technologies), registered in March 2007 as UNFCCC no. 0839

2005: CDM project design document for methane capture from palm oil mill wastewater and steam production, Thailand (German Technical Cooperation), registered in February 2009 as UNFCCC no. 2148

2004-2014: Consultancy on CDM policy and CER market (Point Carbon / Thomson Reuters Point Carbon)

2004-2006: CDM methodology development for distribution of compact fluorescent lamps (Osram AG), approved in February 2007 as AM 0046

2004-2005: CDM project design document for energy supply efficiency project, Mongolia (German company), registered in July 2006 as UNFCCC no. 295

2004-2005: CDM capacity building in Vietnam, Laos and Cambodia (EU-ProEco)

2004: Evaluation of eight CDM project concept notes (German Bank for Reconstruction and Development)

2004: CDM capacity building in Ghana (German Technical Cooperation)

2004: Study “Gender: The missing component of the response to climate change” (FAO)

2004: CDM baseline and monitoring methodology for N₂O abatement from adipic acid production (Rhodia, France); approved in February 2005 as AM 0021

2003-2013: Monthly newsletter “CDM Highlights” (German International Cooperation)

2003-2008: CDM capacity building in India, including development of approved CDM methodology for supercritical coal power plants (ACM 0013) (German Technical Cooperation)

2003-2005: Development of a database of “best practice” CDM and JI projects (German Ministry of Environment)

2003-2004: CDM capacity building in ASEAN (EC-ASEAN Energy Facility)

2003-2004: Selection of CDM project offsetting the GHG emissions of German Agency for Technical Cooperation (German Technical Cooperation)

2003: Development of climate standards for forestry projects (Climate Change and Biodiversity Alliance)

2003: Background paper CDM and JI as instruments to finance renewable energy (Conference Renewables 2004)

2003: Evaluation of CDM institutions in Asia (UNDP)

2003: Development of the Kyoto regime in the 2nd commitment period (German Advisory Council on Global Change)

2003: CDM institutions in China (German company)

2003: CDM workshop in India (InWent)

2002-2003: Preparation of German CDM capacity building programme in India and Indonesia (German Agency for Technical Cooperation)

2002: CDM capacity building workshop (Government of Tunisia, UNEP)

2002-2003: CDM baseline methodology for CO₂ utilization from chemical industry project in Trinidad & Tobago (Ferrostaal), rejected by the CDM Executive Board

2002: National CDM Workshop (Government of Malaysia, UNDP)

2002: CDM in China (Carl Duisberg Gesellschaft)

2001: Review of SGS validation report of West Nile PCF project

2001: Study on potential of the Kyoto Mechanisms for Volkswagen (Volkswagen)

2000 – 2001: WTO rules and climate policy (Enquiry Commission of German Parliament)

2000: Review of SGS Forestry report on forest protection project in Chile

2000: CDM rules (Technical Assessment Office of German Parliament)

2000: Using CDM to finance renewable energy projects (UNESCO)

2000: Linking development aid and CDM projects (German Development Bank)

2000: National criteria and institutions for CDM projects in Morocco (German Technical Cooperation)

2000: Determination of investment additionality of CDM projects (German Technical Cooperation)

2000-2001: Indonesian National CDM Strategy Study (German Technical Cooperation)

1999 - 2000: Baseline template for the Prototype Carbon Fund (World Bank)

1999: Baseline methodologies (BP Amoco)

1999: Study on baselines used in the AIJ pilot phase and recommendations for changes in the Uniform Reporting Format (UNFCCC Secretariat)

1998: Study on principles, modalities, rules and guidelines for verification, reporting and accountability for GHG emissions trading (UNCTAD; co-authors Tietenberg, Grubb, Zhang, Swift)

1998: Rules for emissions trading under the Kyoto Protocol (German Federal Ministry for Economic Affairs)

1997: Review of SGS Forestry report on forestry AIJ projects in Costa Rica

1997: Study on environmental indicators (OECD)

1997: Study on forest protection and afforestation as instruments of climate policy (Prima Klima)

1996: Study on labelling and trade of timber and timber products (German Federal Ministry for Economic Affairs)

1996: Study on Joint Implementation and tradable permits (Center for Science and Environment, New Delhi)

1996 - 1997: Market-oriented instruments for CO₂ reduction (Konrad Adenauer Foundation)

1994 - 1995: Study on fiscal and regulatory incentives for Joint Implementation (German Federal Ministry for Economic Affairs)

Language skills:

Language	Speaking	Writing	Reading/Understanding	Residence in language area
German *)				
English	1	1	1	1 year
French	1	2	1	3 years
Spanish	4	-	4	
Italian	4	-	4	

*) native 1- very good, 2-good, 3-satisfactory, 4-basic

Publications: Over 140 publications in international and national scientific journals, over 80 books and book chapters, as well about 200 studies and policy papers, 80 book reviews and 50 newspaper articles. A comprehensive list is available on request.

Computer skills Microsoft Office