

Curriculum Vitae: Jason Schäffler

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| Nationality | South African |
| Education | MSc Applied Science, Energy and Development University of Cape Town 2001 BSc Honours Physics University of Witwatersrand 1997 |
| Languages | English (Fluent), Afrikaans (Fluent) |
| Professional Affiliations | <ul style="list-style-type: none"> • South African Institute of Physics • Council member: Sustainable Energy Society of Southern Africa • South African Wind Energy Association • African Wind Energy Association • South African Climate Action Network • Renewable Energy Certificate Market Association (RECSA) - Secretary General and Registry Custodian |
| Employment record | |
| 2004 – present | Managing Director Nano Energy (Pty) Ltd |
| 2002 – 2004 | Project Manager International Institute for Energy Conservation Africa, Region Office, Johannesburg |
| 2001 – 2002 | Project Manager / Techno-economic analyst and Acting Director Iskhus Power (Pty) Ltd, Johannesburg South Africa |
| 2000 – 2001 | Energy Officer Rural Area Power Solutions (Pty) Ltd |
| 1997 – 1998 | Experimental Physicist Nuclear Energy Corporation of South Africa (formerly the Atomic Energy Corporation of South Africa Ltd) |
| Relevant professional experience (selected) | |
| 2015 – 2018 | Southern African Low-Emissions Development project USAID Project Development Consultant: Renewable Energy Developing and managing local government renewable energy project portfolio including solar PV, hydro, biomass and waste to energy projects. |
| 2004 – present | Renewable Energy Certificate Market Association (RECSA) Secretary General and Registry Custodian Design, implementation and operation of the South African REC market and registry. |
| 2005 – 2016 | Sustainable Energy Society of Southern Africa Secretary Secretary of the Council of the Renewable Energy Association. Input to creation of the multi technology Renewable Energy body of South Africa (SAREC). |

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| 2011 - 2015 | <p>Renewable Energy and Energy Efficiency Partnership (REEEP)</p> <p>Regional Technical Coordinator</p> <p>Technical coordinator for REEEP's Southern African secretariat, managing project bids, ensuring delivery of on-going project and assisting experts in project evaluation and showcasing. The Southern African project portfolio was in the order of 10 projects. This included a project systematically considering household sustainable energy options (CHOICES). These projects included specific reference to opportunities for productive use of energy rather than focusing on electrification and domestic use only.</p> <p>As a coordinating partner in the South African Friends of Renewable Energy grouping of international collaborating partners, this included an attempt at periodic coordination of renewable energy donor activities in South Africa. Through participation in the regional SADC Energy Thematic Group, this assignment provided similar experience of large-scale Economic Community coordination of policy at the regional level.</p> |
| 2004 & 2013 | <p>South African Renewable Energy Market Transformation World Bank</p> <p>Renewable Energy Analyst</p> <p>Analysis of the programme formulation (2004) and review (2013).</p> |
| June 2012 | <p>InfoDev, World Bank</p> <p>Energy Analyst</p> <p>Review of the design and implementation of the strategy to develop the Climate Innovation Centre business plan for the Gauteng province South Africa.</p> |
| March 2010 | <p>Gauteng Integrated Energy Strategy Implementation management ('Smart Province, Smart Energy')</p> <p>Gauteng Provincial Department of Local Government and Housing</p> <p>Implementation and management as part of Sustainable Energy Africa team.</p> |
| March 2010 | <p>Energy and Climate Change Focal area GIZ (then GTZ)</p> <p>Renewable Energy Specialist</p> <p>Energy and Climate change Focal area, project proposal development including national Solar Water Heating Programme support GIZ (then GTZ).</p> |
| 2009 | <p>Congress of the International Solar Energy Society Solar World Congress</p> <p>Chair: Scientific Committee</p> <p>Oversight of the scientific programme of the Congress of the International Solar Energy Society.</p> |
| March 2009 | <p>Productive use project Energy Development Corporation (EDC)/ Central Energy Fund (Central Energy Fund and South African National Energy Research Institute (SANERI)</p> <p>Project Manager</p> <p>Renewable and Hybrid Energy Access for Productive Use Project. The project considered the potential for production use of energy from hybrid renewable energy systems in various contexts and evaluated a portfolio of existing projects of this type in Southern Africa.</p> |
| Feb 2009 | <p>Department of Minerals & Energy, South Africa</p> <p>Project manager and senior renewable energy consultant</p> <p>Assessment of viability and potential to replicate the national mini-grid hybrid pilot systems.</p> |
| Oct 2008 | <p>Energy Trends paper for the Gauteng 2034 Economic Development Strategy Gauteng Department of Economic Development</p> <p>Renewable Energy specialist</p> <p>Analysis and long-term scenario planning of energy use and production in Gauteng, South Africa's largest province. Co-author with Sarah Ward.</p> |

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| Sept 2008 | European Commission Renewable Energy Expert: Southern Africa Research and technology development and demonstration to increase the share of renewable energy in emerging and developing countries. |
| March 2008 | Presidential Renewable Energy briefing paper Funded by TIPS (Trade and Industrial Policy Strategies http://www.tips.org.za/) Co-author Preparation of a Presidential briefing paper outlining RE implementation in response to the National Energy Crisis. "Potential of Renewable Energy to contribute to National Electricity Emergency Response and Sustainable Development" |
| April 2008 | Development of a Business Case for funding application Eskom (Electricity Supply Commission), South Africa Senior Researcher and Lead Author Preparation of the Business Case for a funding application to NERSA for a national solar water heating programme. |
| Jan 2007 | Western Cape Integrated Energy Strategy (South Africa) Dept. Environmental Affairs & Development Planning, Western Cape Government, South Africa Senior researcher Wind and Wave resource assessment for the Western Cape Integrated Energy Strategy. |
| March 2006 | South African Country Study: RECIPES (Reduced Energy Consumption in Plastics Engineering) European Commission Renewable Energy Consultant |
| Feb 2006 | Report on Potential Contribution of Renewable Energy in South Africa Sustainable Energy and Climate Change (SECCP) Co-author 'The potential contribution of renewable energy in South Africa: An overview of recent research relevant to energy planning and proposal of a transition by 2050 to sustainable energy' |
| 2008 | Final Evaluation: Solar Water Heaters (SWHs) for Urban Housing in South Africa UNDP/GEF. Author of final report / Evaluator: terminal evaluation of national Solar Water Heating support programme based on UNDP multi-stakeholder methodology. |
| 2004 – 2005 | System design for monitoring of national renewable energy and energy efficiency targets Department of Minerals and Energy (DME) South Africa Project Manager |
| Feb 2004 | Renewable energy independent power production as a business opportunity Department of Minerals and Energy South Africa Wind Energy Expert |
| Nov 2003 | International Institute for Energy Conservation Eskom (South Africa's power utility) Programme Manager: Energy Efficiency and Climate Change Research and scenario development for management of Eskom's DSM assets. |
| 2003 | Department of Minerals and Energy, Government of South Africa South African Renewable Energy Strategy Wind Energy Expert Macro-economic and financial analysis for the formulation of the South African Renewable Energy Strategy and Cabinet approval of Voluntary Renewable Energy Target. |

2005, UNDP / GEF
2006, Solar Cooker Project (Phase 3: 2003 – 2006) final evaluation
2007 **Renewable Energy**

2002 DANIDA
Bulk Renewable Energy Independent Power Producer Study
Renewable Energy Researcher
This was the first study to propose a renewable energy auction such as that which took place in South Africa in 2014 and more recently in several other Sub-Saharan African Countries.

2002 – IIEC – Africa Regional Office, Johannesburg, South Africa
2004 **Project Manager**
Coordinated activities related to Climate Change of African regional office. Responsible for Project management, quality control, budget management, local policy development and project coordination.

Publications

Banks D.I. & **Schäffler, J.L.** 2007. A Proposed Renewable Energy Plan of Action for the Western Cape: Resource Assessment, Scenarios, proposed Objectives and Actions, Prepared for the Department of Environmental Affairs and Development Planning, Western Cape, South Africa.

Banks, D., **Schaffler, J.** 2006. The potential contribution of renewable energy in South Africa. Sustainable Energy and Climate Change (SECCP). Available: <http://www.earthlife.org.za/wp-content/uploads/2009/04/potential-of-re-in-sa-febo6.pdf>
