



JOB ADVERT

BIOENERGY PROJECT MANAGER

Policy and Futures Unit

(3 Year Fixed Term Contract position, based in Cape Town or Johannesburg)

WWF is the world's largest and most respected independent conservation organisation, with over 6 million supporters and a global network active in over 100 countries. WWF's mission is to stop the degradation of the Earth's natural environment and to build a future in which humans live in harmony with nature, by conserving the world's biological diversity, ensuring that the use of renewable natural resources is sustainable, and promoting the reduction of pollution and wasteful consumption.

WWF South Africa is a national office that is part of the WWF network. We are a local NGO that has worked for 50 years with the aim of inspiring all South Africans to live in harmony with nature, for the benefit of our country and the wellbeing of all our people. WWFs work is *for nature, for you*.

WWF South Africa's Policy and Futures Unit undertakes enquiry into the possibility of a new economy that advances a sustainable future. The unit convenes, investigates, demonstrates and articulates for policymakers, industry and other players the importance of lateral and long term systemic thinking. The work of the unit is oriented towards solutions for the future of food, water, power and transport, against the backdrop of climate change, urbanisation and regional dynamics. The overarching aim is to promote and support a managed transition to a resilient future for South Africa's people and environment. The organisation also focuses on natural resources in the areas of marine, freshwater, land, species and agriculture.

Our work is challenging and exciting and we love what we do. To join our team you need to be brilliant, passionate, results-orientated and have a positive attitude.

Background:

The Bioenergy Project Manager will report to the Bioenergy Programme Manager.

With the bioeconomy slowly but surely taking off in South Africa, WWF is looking for a motivated individual to help the Policy and Futures Unit ensure this emerging sector develops following the necessary sustainability principles to deliver the best triple dividend for the economy, environment and society. The Bioenergy Project Manager will be responsible for coordinating and implementing a number of initiatives of the Unit to improve understanding of the possible scenarios for the development of a bioenergy sector in South Africa, with a specific focus on biofuels and other alternative liquid fuels. For this specific project the newly appointed Project Manager will be working on aims to:

- Reduce possible competition for land and water between food and energy by broadening the portfolio of possible feedstock options in South Africa from energy crops to various forms of wastes.
- Reduce or remove a number of environmental hazards (fires, groundwater contamination) by turning those wastes into energy sources.
- Understand the job creation potential of biofuels and other alternative fuels within the just transition framework.

Responsibilities:

1. Track and analyse relevant technological trends and national and international policies and processes in the alternative liquid fuels sector:

- Track major technological developments in the biofuel and other alternative fuels sectors, with a special focus on sustainable aviation fuels (develop at least a basic understanding of all ASTM certified pathways for the production of SAF, and those in the ASTM pipeline and their relevance for South Africa).
- Monitor, review and report on relevant national policies and legislation related to (i) the energy sector (such as the IEP, bills related to the liquid fuels market), (ii) biofuels (the forthcoming Biofuel Regulatory Package), (iii) climate change policies and acts and (iv) civil aviation.
- Monitor, review and report on the major international policy and regulatory developments that bear significance for international and domestic biofuel markets (such as the EU RED, ICAO CORSIA etc).

2. Deliver evidence based research on:

- Local availability and feasibility of less-researched feedstocks for ASTM-approved production pathways (certified and in the pipeline), including industrial waste gasses, algae, and lignocellulosic wastes and residues.
- Potential for localisation of ASTM-approved production pathways in South Africa.
- Potential socio-economic impacts of a domestic SAF sector.
- Replicate a recently completed sustainable biofuel potential assessment for sub-Saharan Africa for Brazil.

3. Engage with key stakeholders and get involved in key processes shaping the biofuel agenda in South Africa and internationally

- Engage with key South African policy makers relevant for the shaping of the domestic bioenergy sector (DoE, DoT, DTI, DAFF and Inter-ministerial Biofuels Task team etc), academic institutions (SUN, NWU, CSIR etc), industry bodies and finance providers.
- Engage with key technology providers (domestic and international) and users of liquid biofuel for aviation (airlines).
- Engage with key stakeholders of the Just Transition process and explore the role of a SAF sector in the framework of the Just Transition.
- Actively contribute to WWF network and broader civsoc groupings' efforts to influence international and national policies and regulations for sustainable bioenergy, with a special focus on aviation.
- Respond to ad-hoc demands for speaking at workshops, conferences etc.
- Represent the WWF-SA at relevant national and international forums; including internal WWF network collaborations on related subjects.
- Attend meetings, events and workshops to ensure WWF's profile and positions are well recognised and opportunities capitalised on.

- Ensure regular reporting to key partners.
- Present research findings in both technical reports and media-friendly formats.

4. Participate in the effective functioning and delivery of the unit

- Participate in unit meetings, strategy sessions and reading seminars.
- Contribute to monitoring and evaluation processes to ensure full accountability against pre-identified targets.
- Ensuring the sustainable funding of the unit by identifying and securing the necessary funding for this work and other work streams.
- Prepare communication materials as required including blogs, opinion pieces, articles and others as identified by the unit communication strategy.
- Proactively provide guidance to improve local relevance and alignment with the regulatory and political frameworks in South Africa.
- Engaging in activities as directed from time to time by the Unit Head.

Requirements:

- Master's degree in environmental management, economics, chemical engineering, biology, sustainable energy or related fields;
- At least 10 years of work experience in a relevant field;
- Proven ability to work across disciplines and communicate effectively with stakeholders with various backgrounds;
- Knowledge and understanding of the South African and international liquid fuels sector, role players and respective mandates;
- Excellent administrative and project management skills and experience;
- Independent thinking and working capabilities as well as the ability to engage across organisations and hierarchical levels;
- Demonstrated project management skills;
- Excellent presentation, interpersonal and communication skills;
- Ability to work with large datasets;
- Advanced MS Word, Excel and PowerPoint skills and working knowledge of GIS;
- Attention to detail.

Further Information:

To apply please [click here](#) fill in the required information, and provide a detailed CV and covering letter (attach under "Documents") fully motivating why you should be appointed, together with the names, current e-mail addresses and telephone numbers of three relevant references.

Applications close on **25th February 2019**. ***Applications sent via email will not be considered.***

WWF seeks to promote diversity among its staff. Candidates who have not received a response within three weeks of the closing date are kindly requested to assume that their application has not been successful in this instance. WWF-SA reserves the right not to fill this position.