

Request for Proposals

An Integrated Energy Strategy for the Western Cape Stakeholder Engagement and Strategy Synthesis

Deadline: Monday 3 February 2014 at 12h00

Background:

Green Cape, a sector development agency established by the Western Cape Government (WCG), is engaged in a variety of projects to stimulate the region's Green Economy, focusing on being more resource efficient, lowering carbon intensity, and enabling social inclusion.

Under this mandate, Green Cape is working closely with the Western Cape Government to help collate inputs into the development of an Integrated Energy Strategy. A key focus will be on investment opportunities to assist economic growth and employment creation in a low carbon manner.

This Integrated Energy Strategy needs to embrace the "One-Cape 2040" vision for Western Cape development,

<http://www.wcedp.co.za/news/onecape-2040-from-vision-to-action>

and be fully aligned with the Green Economy Strategic Framework

<http://www.westerncape.gov.za/text/2013/July/wcg-green-economy-strategy-framework-2013.pdf>

and the draft Western Cape Climate Change Response Strategy (to be provided to the service provider).

The Western Cape Government is committed to shaping the provincial energy strategy within the context of national energy policy, which, in turn, is informed by the draft Integrated Energy Plan (Oct 2013)

http://www.energy.gov.za/files/iep_frame.html

and the updated Integrated Resource Plan for electricity (Nov 2013).

http://www.doe-irp.co.za/content/IRP2010_updatea.pdf.

A typical energy strategy will examine a range of supply options to satisfy a given energy demand, in order to meet key development imperatives, subject to a range of constraints. The challenge of identifying future “demand” is compounded by uncertainty in the complexity of development scenarios to be considered, the influence of market forces, prospects for disruptive technologies, and a host of exogenous variables (including climate change impacts).

Given these uncertainties, it is common practice to take a longer term view, envisioning what sort of “energy future” we aspire to, then back-casting to identify a range of interventions which can facilitate the development trajectory to get us to the desired end-state.

Whilst this makes sense on one level, planning approaches which fall into this paradigm alone typically lack sufficient temporal resolution to be able to say anything about the dynamic response of the system. Such capacity is needed to, for example, reconcile the dynamics of prospective private sector investment with public sector spatial or infrastructure planning. In the absence of a dynamic analytical capacity, it becomes harder to unpack the various risk elements whose immediate quantification is essential for both private sector investors and the public sector generally. Consequently, many catalytic investment opportunities are missed.

In recognition of this fact, and given the dynamics of South Africa's energy landscape, we have chosen to prioritise this Integrated Energy Strategy on the shorter term – the next 5-10 years. What should we be doing now to stimulate investment and develop institutional structures that help us build an energy future guided by the specific goals of

- Access, affordability, and security
- Efficiency
- Decarbonisation

At the same time, this strategy needs also to develop a longer term view consistent with prevailing policy frameworks (see for example “One Cape 2040” vision, and the Long Term Mitigation Scenarios to address climate change:

http://www.erc.uct.ac.za/Research/publications/07Scenario_team-LTMS_Scenarios.pdf)

Key elements of the strategy will address opportunities for investment into the Western Cape for the following:

Renewable Energy – utility scale and embedded generation

Energy Efficiency and Demand Management – industrial and residential

Natural gas – for utility electricity, industry, transport and residential applications

Alternative transport fuels

Land management and carbon sinks – agriculture, forestry, urban

Coal, and

Nuclear

all within the context of the Western Cape Government's explicit commitment to energy access and security, sustainable development, lowering its carbon footprint and the mapping of current activities in this area.

Beyond the focus on investment opportunities, the strategy should also take into consideration the required governance and policies to give voice to the strategy:

- Identify vision, strategic priorities, policy implications for the future
- Interventions to influence behaviour change / demand reductions
- Financial mechanisms to drive the strategy
- Institutional framework for implementing strategy
- Required regulations

The final elements of the strategy should discuss approaches to implementation, including roles and responsibilities, specific goals and performance targets, and priority actions moving forward. Note: the last does not require the full articulation of a detailed energy implementation plan.

Scope of work:

1. Organise and facilitate two stakeholder workshops in Feb / March 2014, to collate and synthesise all relevant background materials and stakeholder perspectives around the above objectives. This will entail 2 full-day workshop sessions, separate engagement with key WCG officials (estimated at 1 full day person), and review of background position papers commissioned earlier by Green Cape (3 full day persons).
2. 3-5 person-days engagement with key WCG officials to workshop this synthesis into the draft Integrated Energy Strategy.
3. Draft the Integrated Energy Strategy

Costing and Time Lines:

The maximum amount available for this project is R220 000 (excl. VAT).

It is imperative that the contracted entity be able to execute this commitment by end March 2014. The WCG and GreenCape commit to hosting both workshops before mid March. The workshops are provisionally scheduled for 12 February and 7 March. The direct workshop costs will be covered, and need not be costed into responses to the proposal.

Eligibility / Capability Criteria:

The contractor should be able to demonstrate significant expertise in strategic energy planning for sustainable development, including an understanding of South Africa's (and the Western Cape's) energy development challenges and opportunities.

In addition, the contractor should be able to demonstrate critical skills in stakeholder engagement, workshop facilitation, and documentation synthesis.

Submission of Proposals:

The following should be submitted:

1. Project proposal clearly outlining the interpretation of brief, proposed methodology, deliverables and timeframes.
2. Details of bidding company/consortium including contact details for all partners. For consortia, information needs to be provided on the relationship between the various partners including management structure for the project, roles of different partners and information on previous projects done together. Please also provide information on the company registration, tax status and BBBEE status of all partners in the consortium.

3. Details of project team: CVs, relevant experience, related projects done in the last 10 or more years, and role of the individual in the proposed project. Ensure that this information provides a very clear link between team members' expertise and experience, their role in the proposed project. Please limit the description of individual projects to a maximum of 200-300 words. Indicate the goal, key outputs and impacts of the projects. Please also provide contactable references for each of the projects.

4. Details of availability for an inception meeting to be held on 5 or 6 February.

The deadline for submission of proposals is **Monday 3 February 2014 at 12h00**.

Electronic submissions should be submitted to the Strategic Initiatives Manager (E: projects@green-cape.co.za). Queries for clarification can also be sent to this address.