



**DAY 1, 14 May 2009 Project Implementation Workshop**

Time	Workshop Session	Presenter
08h00	Arrival – Registration	
08h30	Opening Address	Chairperson: Dipolelo Elford – D:EA&DP
08h40	Targets of the Project	Birgit Moiloa – D:EA&DP
08h50	GTZ TERNA	Daniel Werner - GTZ
09h00	The South African Concept of Feed-in Tariffs for Power from Renewable Energies	Them bani Bukula - NERSA
09h45	Experience with different feed-in tariff systems in EU Member States and abroad	Dr. Ole Langniss-FICHTNER
10h30	Tea and Coffee Break	
10h45	International solutions to grid connection challenges	Gerhard Gerdes-Windguard
11h30	Potentials and Limitations for the Grid Integration of Wind Power in the Western Cape	Riaan Smit - Eskom
12h00	Business Case for Wind Power in the Western Cape	Mark Tanton - SAWEA
12h30	LUNCH	

**BREAK AWAYS:**

13h30	Regional Action Group (I) Regulatory Framework for Wind Power in the Western Cape	Regional Action Group (II) Technical Requirements for Wind Power in the Western Cape	Regional Action Group (III) Commercial Utilization of Wind Power
	Presentation of the Scope of Work of the Study on the Regional Regulatory Action Plan (RRAP) for the Western Cape Province  - Objectives - - Work plan - - Expected Results - - Assumptions & Risks - - Available inputs-	Presentation of the Scope of Work of the Grid Studies  - Objectives - - Work plan - - Expected Results - - Assumptions & Risks - - Available inputs -	History of wind energy development Technical aspects of wind power development (Dr. Andries van der Linde)  Survey on the process of developing a wind power project (Gerhard Gerdes)
	Stakeholder Comments Discussion Conclusions and Recommendations	Stakeholder Comments Discussion Conclusions and Recommendations	Stakeholder Comments Discussion Conclusions and Recommendations
15h30	Tea and Coffee Break		
15h45	Reports from the Regional Action Groups - - Regulatory Framework for Wind Power in the Western Cape - Technical Requirements for Wind Power in the Western Cape - Commercial Utilization of Wind Power in the Western Cape		
16h30	Plenary Discussion		
16h45	Summary of the Workshop Results		Chairperson: Dipolelo Elford – D:EA&DP
17h00	Closing of Day 1		

## DAY 2, 15 May 2009 Project Developers Workshop

<b>Time</b>	<b>Workshop Session</b>	<b>Presenter</b>
08h00	Arrival - Registration	
08h30	Introduction of workshop programme	Dipolelo Elford – D:EA&DP
08h40	Project Developments in WC <ul style="list-style-type: none"> <li>• Overview of current activities, expected amount of installed MW, grid integration challenges</li> </ul>	Riaan Smit – Eskom
09h00	Wind energy converter technologies <ul style="list-style-type: none"> <li>• Overview of converter technologies;</li> <li>• Turbine development &amp; new generation turbines</li> </ul>	Francis Jackson – Windlab Systems
09h45	Wind energy project development process <ul style="list-style-type: none"> <li>• Project development through to financial closure, commissioning and O&amp;M</li> </ul>	Gerhard Gerdes– Windguard
10h00	Wind measurement <ul style="list-style-type: none"> <li>• Identifying your site; the importance of accurate measurement</li> <li>• Wind assessment methodologies and equipment</li> <li>• Establishing the energy yield of a site</li> </ul>	Gerhard Gerdes– Windguard
11h00	Tea & Coffee Break	
11h15	Site development <ul style="list-style-type: none"> <li>• Site layout, development parameters</li> <li>• EIA processes, planning and permitting issues</li> <li>• Aviation issues</li> <li>• Civil and general construction issues</li> </ul>	Gerhard Gerdes– Windguard
12h00	Operations and Maintenance <ul style="list-style-type: none"> <li>• O&amp;M options over project life time</li> </ul>	Gerhard Gerdes– Windguard
12h30	LUNCH	
13h15	EIA <ul style="list-style-type: none"> <li>• EIA's, spatial planning issues and approvals</li> </ul>	Lene Grobbelaar – DEAT
14h00	Structuring the project <ul style="list-style-type: none"> <li>• Development options and commercial structures; making a project 'bankable'; project costing and financing; PPA options and structuring</li> </ul> Financing of wind energy projects <ul style="list-style-type: none"> <li>• Options and recent experience internationally and in SA</li> </ul>	Dhesen Moodley – African Infrastructure Investment Managers
15h00	Tea and Coffee Break	
15h15	Financing of wind energy projects (cont.) <ul style="list-style-type: none"> <li>• CDM and CER's, VER's</li> </ul>	Marco Lotz – CDM Africa
16h00	Plenary Discussion	
16h15	Way Forward	
16h30	Closing of Day 2	