

**Workshop Theme: Investment and technology choices in the SA power sector:
Economic, social and environmental trade-offs.**

Workshop programme (draft as at 27 February 2013)

MONDAY 4 MARCH 2013		
08:00	Registration	
08:30-09:30	Chair: Bernard Lategan	
	Opening and welcome (10 min)	Bernard Lategan
	(WS-00) Opening address: "A brief overview of global trends in energy"	Thomas B Johansson
09:30-10:30	(WS-01) Recap of IRP2010-2030 Identification of gaps and risks	Callie Fabricius Keith Bowen
10:30-11:00	Break	
11:00-12:00	Chair	
	(WS-02) Trade-offs in planning goals: supply security, competitive prices, environmental sustainability, localisation, regional integration, affordability and access	Saliem Fakir
12:00-13:00	(WS-03) Copenhagen Climate Mitigation Pledge: what should or could be the contribution of the electricity sector?	Deborah Ramalope
13:00-14:00	Lunch	
14:00-15:00	Chair:	
	(WS-04) Revised electricity demand forecasts. Price-demand elasticities	Koos Potgieter
15:00-15:15	Break	
15:15-16:15	Chair	
	(WS-05) Potential for domestic shale gas production in SA. What's needed to bring shale to market?	Jan Willem Eggink
16:15-17:15	(WS-06) Renewable energy (1): Assessing the experience of South Africa's Renewable Energy Independent Power Producer Programme (REIPPP)	Mark Pickering; Jonathan Hoffman (tbc)
17:30-18:30	Cocktail Hour	STIAS Foyer

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TUESDAY 5 MARCH 2013		
08:30-09:30	Chair:	
	(WS-07) Nuclear energy - International trends & local risks: costs, finance, time-lines, etc	Tomas Kåberger
09:30-10:30	(WS-08) Assessing the options for gas to power for SA (including <i>inter alia</i> domestic shale, West Coast, Namibia, Mozambique, coal-bed, LNG imports, etc.)	Cavan Hill Darryl Hunt
10:30-11:00	Break	
11:00-12:00	Chair:	
	(WS-09) How much could demand be curtailed by further energy efficiency programmes?	tba
12:00-13:00	(WS-10) The future of coal: timelines for retiring existing coal plants, limits on new coal power stations?	Brett Cohen
13:00-14:00	Lunch	
14:00-15:00	Chair:	
	(WS-11) Renewable energy (1) Regional hydro import options	tba
15:00-15:15	Break	
15:15-16:15	Chair:	
	(WS-12) Renewable energy (2) - technology and price trends for wind, PV, CSP, etc	Wikus van Niekerk
16:15-17:15	(WS-13) What might a new, updated IRP look like?	Bruno Merven Alison Hughes
17:15-18:00	Overflow session	

WEDNESDAY 6 MARCH 2013		
08:30-09:30	Chair:	
	(WS-14) Grid / Smart Grids / planning and energy efficiency initiatives	tba
09:30-10:30	(WS-15) Policy & institutional implications: planning, procurement and contracting	Anton Eberhard
10:30-11:00	Break	
11:00-12:00	Chair:	
	(WS-16) Financial considerations and price paths	Clive Ferreira
12:00-13:00	(WS-17) Gaps identified; Overview and preparation for Round Table	Participants
13:00-14:00	Lunch	
14:00-16:30	Transport for Excursions (tba) (Registration necessary)	
17:30-19:00	Transport for Social event - Cellar tour: Simonsig (Registration necessary)	
19:00-21:30	Social event – Dinner, Cuvée Restaurant, Simonsig (Registration necessary)	

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WORKSHOP PARTICIPANTS SUMMARY (32)

Lastname, firstname	Organisation	Comment
Barnard, Wolsey	DDG, Dept of Energy, SA	Mon & Tues only
Brent, Alan	Deputy director, CRSES, Stellenbosch University	
Bowen, Keith	Power Systems Economist, Eskom	
Carlgren, Andreas	Former Minister of Environment, Sweden	
Cohen, Brett	Principal Consultant: The Green House	Tues & Wed only
Dewilde, Patrick	Technische Universtät München-IAS	
Eberhard, Anton	Graduate School of Business, University of Cape Town	
Eggink, Jan Willem	General Manager: Shell South Africa	Monday only
Fabricius, Callie	Power Exchange Manager, Eskom	
Fakir, Saliem	Head: Living Planet Unit, WWF	
Ferreira, Clive	Managing director: Fieldstone	
Groenewald, Johann	Special Projects: STIAS	
Gulati, Manisha	Energy economics, WWF (JHB)	
Hahne, Fritz	Former dean of Science, SU, AIMS	
Hill, Cavan	GM: Sasol New Energy	
Hughes, Alison	Senior Scientific Officer, Energy Research Centre, UCT	
Hunt, Darryl	Dynamic Energy Consultants	
Johansson, Thomas B	Co-chair: Global Energy Assessment, IIASA	Workshop only
Kåberger, Tomas	Former DG Swedish Energy Agency, now Energy adviser: Japanese government	
Lategan, Bernard	Acting director, STIAS	
Merven, Bruno	Senior Research Officer, Energy Research Centre, UCT	
Morgan, Allen	Director, Imalivest	
Nassiep, Kadri	CEO: SANEDI	Mon & Tues only
Olofsson, Maud	Wallenberg Foundation	
Olofsson, Rolf	Wallenberg Foundation	
Pickering, Mark	Partner: Meridien Economics	Monday only
Potgieter, Koos	Corporate Consultant (Energy Studies), Eskom	Monday only
Ramalope, Deborah	Chief Directorate, Climate Change Mitigation, Dept of Environmental Affairs	
Stimming, Ulrich	Technische Universtät München (Energy systems & Management)	Tues & Wed only
Van Niekerk, Wikus	Director, CRSES, Stellenbosch University	
Vllakazi, Zebon	Director: iThemba labs, SA	
Wilderer, Peter	Technische Universtät München	

PENDING (3)

Lastname, firstname	Organisation	Comment
Hoffman, Jonathan	Globeleq's Head of business development, SA	WS-06
Inganäs, Olle	STIAS fellow, Linköping University	
Theron, Willem	Regional Import IPP programmes, Eskom	WS-11

Roundtable Theme: Investment and technology choices in the SA power sector: Economic, social and environmental trade-offs.

Roundtable programme (draft as at 27 February 2013)

THURSDAY 7 MARCH 2013		
08:00-08:30	Registration	
08:30-09:30	Chair:	
	Opening and welcome (10 min)	Bernard Lategan
	(RT-00) Opening address: "How can our energy policy be reconciled with our climate policy?"	Andreas Carlgren
09:30-10:30	(RT-01) Energy efficiency considerations	Tomas Kåberger
10:30-11:00	Break	
11:00-12:00	Chair:	
	(RT-02) Towards a new power plan?	Alison Hughes Bruno Merven
12:00-13:00	(RT-03) Nuclear energy: capacities, benefits, costs, risks	Tomas Kåberger
13:00-14:00	Lunch	
14:00-15:00	Chair:	
	(RT-04) The alternative of gas	Saliem Fakir
15:00-15:15	Break	
15:15-16:15	Chair:	
	(RT-05) Renewable energy trends	Wikus van Niekerk
16:15-17:15	Chair:	
	(RT-06) Policy and financial implications	Anton Eberhard
17:15-18:00	(RT-07) Preparation for Briefing Session on Reporting Themes (1) - (3)	Panel & Chair
18:00-19:00	Cocktail hour	

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FRIDAY 8 MARCH 2013		
09:00	Registration	
09:00-09:45	Chair	
	(RT-08) Panel meeting (closed) - preparation of briefing statements, Roundtable Reporting	Panel
10:00-11:00	Chair	Maud Olofsson
	Welcome (5 min)	Bernard Lategan
	(RT-09) Briefing on key policy matters: 1. Resources, efficiency 2. Infrastructure, grids & planning 3. Policy & finance requirements.	Panel: Andreas Carlgren, Anton Eberhard, Saliem Fakir, Tomas Kåberger, Wikus van Niekerk
11:00-12:00	(RT-10) Press briefing Followed by Press Q&A session (30 min).	Panel
12:30-14:00	Lunch	
14:00-15:00	Planning group wrap-up	

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ROUNDTABLE PARTICIPANTS SUMMARY (21)

Lastname, firstname	Organisation	Comment
Brent, Alan	Deputy director, CRSES, Stellenbosch University	
Biggs, Oonsie	STIAS fellow	Thursday only
Carlgren, Andreas	Former Minister of Environment, Sweden	
Christensson, Torbjörn	President AME Southern Africa / Volvo Group	
Dewilde, Patrick	Technische Universtät München-IAS	
Du Plessis, Morné	Director, WWF (SA)	Thursday only
Eberhard, Anton	Graduate School of Business, University of Cape Town	
Fakir, Saliem	Head: Living Planet Unit, WWF	
Groenewald, Johann	Special Projects: STIAS	
Hahne, Fritz	Former dean of Science, SU, AIMS	
Hagelberg, Anders	Sweden's Ambassador to SA	Friday only
Hughes, Alison	Senior Scientific Officer, Energy Research Centre, UCT	
Kåberger, Tomas	Former DG Swedish Energy Agency, now Energy adviser: Japanese government	
Lategan, Bernard	Acting director, STIAS	
Olofsson, Maud	Wallenberg Foundation	
Olofsson, Rolf	Wallenberg Foundation	
Stimming, Ulrich	Technische Universtät München (Energy systems & Managemnt)	
Van Niekerk, Wikus	Director, CRSES, Stellenbosch University	
Vllakazi, Zeblon	Director: iThemba labs, SA	
Wibom, Hans	Wallenberg Foundation	
Wilderer, Peter	Technische Universtät München	

PENDING (13)

Lastname, firstname	Organisation	Comment
Aphane, Ompi	DDG: Policy, Planning and Clean Energy, Dept of Energy	
de Vries, Jonathan	CEO, Southern Africa Solar Thermal and Electricity Association (SASTELA)	
Goswami, Yogi	Clean Energy Research Centre, College of Engineering, Univ of South Florida	
Haw, Christopher	Chairman: SA PV Industry Association	
Inganäs, Olle	STIAS fellow, Linköping University	
Kuni, Doug	MD: South African Independent Power Producers Association	
Magubane, Nelisiwe	DG, Dept of Energy	
Merven, Bruno	Senior Research Officer, Energy Research Centre, UCT	
Narsing, Yogesh	Secretariat: National Planning Commission, SA	
Njikelana, Sisa J	Trade & Industry Rules Committee, Energy, SA Parliament	
Ramalope, Deborah	Chief Directorate, Climate Change Mitigation, Dept of Environmental Affairs	
Rossouw, Mike	Executive Director: Xstrata Alloys	
van den Berg, Johan	CEO: South African Wind Energy Association	