



Energy Efficiency Indicators and Monitoring in South Africa - Workshop 1
Venue (Burgers Park Hotel: Pretoria, Gauteng Province)
4-5 September 2014

DAY 1 – Thursday, 4 September, 2014

Workshop Objective: At the end of the workshop delegates will have a clear understanding of the benefits of good data collection and analysis and the data needs and roles that various organisations in South Africa should play. The Project Team will have a clear understanding of where the gaps in data and capacity lie. The Project Team will also understand the prospects for building a more robust energy balance for South Africa and what steps need to be taken to refine the energy balance tables.

TIME	TOPIC	PRESENTERS
8:30-9:00	Registration	
9:00-9:10	Opening remarks: Expected Goals, Structure and outcomes of the workshop	Mr Ompi Aphane, Deputy Director General, Department of Energy, South Africa
9:10-9:50	Perspective on National Energy and climate change monitoring systems	
	Overview of Energy efficiency policy and monitoring system	Ms Mokgadi Modise, Chief Director, Department of Energy, South Africa
	Overview of the National Climate change monitoring, reporting and evaluation system	Ms Judy Beaumont, Deputy Director-General, Climate Change and Air Quality, Department of Environmental Affairs, South Africa
9:50-10:00	Q&A Session	



Session 1. Presentation session - Importance of energy data and energy efficiency indicators. This session will also cover South Africa's energy efficiency efforts on energy demand modelling, monitoring, and development of the post 2015 National Energy Efficiency Strategy.
Moderator: Ms Anise Sacranie, DoE's Energy Monitoring Specialist, Danish Energy Management

10:00-11:15 am	<p>Energy Footprint and energy saving potential for heavy industry in South Africa</p> <p>South Africa's Energy Efficiency monitoring system requirements</p> <p>Energy data requirements for the South African GHG inventory</p> <p>The importance of energy data and indicators</p>	<p>Dr Rebecca Maserumule, Director, Energy Demand Modelling Specialist, Department of Energy (DoE)</p> <p>Ian Househam, Energy Efficiency Specialist, Danish Energy Management</p> <p>Dr Brian Mantlana, Chief Director, Department of Environmental Affairs</p> <p>Melanie Slade, Senior Programme Manager, Energy Efficiency in Emerging Economies, IEA</p>
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11:15-11:30 am	TEA BREAK
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Session 2. Panel session - Energy Data in South Africa. Panellists will present on the energy data that they have access to. This will be followed by an opportunity to ask questions of the panellists.
Moderator: Melanie Slade, Senior Programme Manager, IEA

11:30-1:00 pm	<p>Panellists: Statistics South Africa, National Energy Regulator of South Africa, Department of Environmental Affairs - Data Collection and Management Directorate, Department of Energy - Energy Planning , Business Unity South Africa, Danish Energy Management, National Business Initiative, and National Cleaner Production Centre of South Africa</p>
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13:00-14:00	LUNCH BREAK
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Session 3. Presentation – Introduction to the SA Green building framework and IEA manuals

This session will provide an overview of the SA Green building framework and IEA manuals: Energy Efficiency Indicators Fundamentals on Statistics and Energy Efficiency Indicators Essentials for Policy Making

Moderator: Melanie Slade, Senior Programme Manager, IEA

14:00-14:20pm	Data requirements for the implementation of the green building framework of South Africa	Ms Pinkie Modisane, Chief Director, Property Management, Department of Public Works
14:20-15:30	Energy Efficiency Indicators: Fundamentals on Statistics	Roberta Quadrelli, IEA
	Energy Efficiency Indicators: Essentials for Policy Making	Emer Dennehy, IEA
15:30-15:45	TEA BREAK	
<p><u>Session 4. Panel session - Panellists will present on sectors and what they are already doing on indicators. Existing data gaps will also be discussed, including any plans underway to fill them. This will be followed by an opportunity to ask questions of the panellists.</u></p> <p><i>Moderator: Mr Berry Bredenkamp, Senior Manager Energy Efficiency, Department of Energy</i></p>		
15:45-17:00	Panellists: Statistics South Africa, National Energy Regulator of South Africa, Department of Environmental Affairs - Data Collection and Management Directorate, Department of Energy – Energy Efficiency and Energy Planning Directorates, Business Unity South Africa, Danish Energy Management and Eskom	
Wrap up of the day by Department of Energy and IEA		
17:00	CLOSE OF DAY 1	



DAY 2 – Friday, September 5, 2014

TIME	TOPIC	PRESENTERS
8:30-9:00 am	Registration	
<p>Session 5. Energy Balances, Energy Savings Measurement and Verification Process. <i>This session will begin with a presentation and be followed by a practical exercise</i> <i>Moderator: Melanie Slade, Senior Programme Manager, IEA</i></p>		
9:00-10:40	How to build an energy balance? High level exercise on energy balances - Q&A and discussion on exercise	Roberta Quadrelli, IEA
10:40-11:00	Social Statistics in South Africa – Households Energy Statistics	Statistics SA
11:00-11:20	Requirements for Measurement and Verification of energy savings in South Africa	South African National Accreditation System (SANAS)
11:20-11:40	TEA BREAK	
<p>Session 6a. Getting Started: How to prioritise which indicators to develop. <i>Presentation</i> <i>Moderator: Melanie Slade, Senior Programme Manager, IEA</i></p>		
11:40 -12.00	EE Indicators for the Standard and Labelling (S&L) programme in South Africa How to get started on the development of an energy efficiency indicators programme?	SA Department of Environment (DoE) SA Department of Environment (DoE)
12:00-1:00	How to get started on the development of an energy efficiency indicators programme?	Emer Dennehy, IEA
1:00-2.00 pm	LUNCH BREAK	



Session 6b. Continued - How to prioritise which indicators to develop. Exercise followed by a discussion.

13.30-14.30 pm	High level exercise on prioritising indicators - Q&A and discussion on exercise	Emer Dennehy, IEA
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Session 7. The way forward with developing indicators. This session will focus on the next steps.

Moderator: Melanie Slade, Senior Programme Manager, IEA

14:30-15:30 pm	Introduction	Roberta Quadrelli, IEA
	Discussion in groups – next steps	All
	Outline what will be covered at the second workshop and homework	IEA and Department of Energy

15:30-16:00 pm	TEA BREAK and WORKSHOP CLOSE
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