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## Energy Efficiency Indicators and Target Setting in South Africa - Workshop 2

Venue: CASA TOSCANA LODGE

(5 Darlington Road, Lynwood Manor, Pretoria)

28-29 January 2015

**Workshop Objective:** At the end of the workshop delegates will have a clear understanding of sector specific energy efficiency indicators, target setting opportunities, data collection and analysis needs, the basics of policy setting and the roles that various organisations in South Africa should play. The Project Team will have a clear understanding of sector specific data gaps, indicator development and what steps need to be taken to plan for a deeper discussion on energy efficiency target setting for the energy efficiency strategy development process that will take place in 2015.

### DAY 1 – 28 January 2015

TIME	TOPIC	PRESENTERS
	<b>Closed Door - Data Governance Session.</b> <i>This session will continue the facilitation South Africa's energy efficiency indicators and energy data collection efforts.</i> The Data Governance group will comprise the government departments that have a data collection mandate and will be a closed discussion on how they can work as closely as possible together. The goal of this session would be to result in reporting to the 3 sectoral working groups on any publicly appropriate output from this closed door session.  <i>Moderator: Dr Brian Mantlana, Chief Director: Climate Change Monitoring and Evaluation (DEA)</i>	
8:30-9:00	<b>Closed Door - Working Breakfast.</b> Data Governance Session Introduction.	
9:00-10:30	<p><b>Closed Door - Cross Sectoral Data Issues.</b> Coordinated cross sectoral data collection, mechanisms and institutional responsibility.</p> <p>Invitees: DEA, DoE, DoT, Human Settlement, DPW, SALGA, the dti, DST, DPE, COGTA, National Treasury, EDD, Gauteng Energy Office., Stats SA, SANEDI, CIDB, IEA, SAGEN, SECO, SDC, Danish Embassy, UNIDO, DFID, ADEME</p> <p>Agenda:</p> <ul style="list-style-type: none"> <li>- Introduction &amp; Welcome</li> <li>- Discussion on cross-sectoral data requirements and institutional responsibilities</li> <li>- Data collection mechanism, and storage</li> <li>- Monitoring, reporting and verification processes</li> <li>- Opportunities and barriers</li> <li>- Closure</li> </ul>	



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10:30-11:00 TEA BREAK & NETWORKING

**DAY 1 – 28 January 2015**

TIME	TOPIC	PRESENTERS
10:30-11:00	REGISTRATION, TEA BREAK & NETWORKING	
11:00-11:30	Opening Remarks <ul style="list-style-type: none"> <li>Guidance to workshop.</li> <li>Data governance feedback</li> <li>Discuss "Regulations Regarding Registration, Reporting on Energy Management and Submission of Energy Management Plans"</li> </ul>	<ul style="list-style-type: none"> <li>Ompi Aphane, Deputy Director General: Energy Policy, Planning and Clean Energy, Department of Energy (DEA), South Africa</li> <li>Judy Beaumont, Deputy Director General: Climate Change and Air Quality Management, Department of Environmental Affairs, South Africa</li> <li>Mr Brian Mantlana, Chief Director: Climate Change Monitoring &amp; Evaluation, DEA (high</li> </ul>
11:30-11:45	Workshop Introduction <ul style="list-style-type: none"> <li>Recap of workshop 1.</li> <li>Expected goals, structure &amp; outcomes of workshop 2.</li> </ul>	Melanie Slade, IEA Ms Mokgadi Modise, Chief Director-Clean Energy, Department of Energy, South Africa
11:45-12:15	Presentation on government experiences using indicators	Didier Bosseboeuf, French Environment and Energy Management Agency (ADEME)
12:15-12:30	<b><u>Introduction to Sectoral Working Groups.</u></b> Melanie Slade, IEA <b>Group A: Buildings</b> (Residential, Commercial & Public buildings, including all building components and uses, such as lighting, appliances, equipment, etc.) <b>Group B: Industrial</b> (Energy-intensive industry, including examples from sub-sectors such as iron & steel, cement, non-ferrous metals, and pulp & paper) <b>Group C: Transport</b> (Domestic passenger and freight transport for road, rail, air & water transport by mode/vehicle type)	
12:30-14:00	LUNCH BREAK & NETWORKING	

***Session 1. Review of Indicators, Data Gaps and Data Collection. This session will include three sectoral working groups. Within each working group there will be a presentation followed by a high level discussion of indicators, data gaps and data collection.***

*Questions to be discussed in each sector will include:*

- 1. What data or indicators are available?*
- 2. What data is meaningful for indicators?*



3. What data is or could be collected, and how it should be collected?

14:00-15:30	<p>Group A: Buildings</p> <p>Group B: Industrial</p> <p>Group C: Transport</p>	<p><i>Moderator A: Barry Bredenkamp, Senior Manager: Energy Efficiency</i></p> <ul style="list-style-type: none"> <li>• Brian Dean, IEA</li> <li>• Rodney Milford, Programme Manager: Construction Industry Development Board (CIDB-SA)</li> <li>• Neil Gopal, South African Property Owners Associations (SAPOA),</li> <li>• Manfred Bruine, GBCSA</li> <li>• Christian Borchard, SAGEN International Advisor, Energy Efficiency</li> </ul> <p><i>Moderator B: Valerie Geen, Head: Energy, National Business Initiative (NBI)</i></p> <ul style="list-style-type: none"> <li>• Kira West, IEA</li> <li>• Rebecca Maserumule, Energy Demand Modelling Specialist, DoE-RSA</li> <li>• Ms Khanyisile Kweyama, CEO of Business Unity South Africa</li> <li>• Andrew Motha: Director: Industrial Sector (DEA)</li> </ul> <p><i>Moderator C: Michal Schuster, Transport Sector, GIZ South Africa</i></p> <ul style="list-style-type: none"> <li>• Taejin Park, IEA</li> <li>• Motlatsi Seotsanyana (DoE)</li> <li>• Themba Tenza: Chief Director: Transport &amp; Environment, Department of Transport, South Africa</li> <li>• Isaac Salgae, Director: Power and Energy Efficiency, Department of Science and Technology</li> <li>• Tobias-Bischof-Niemz, Energy Research Centre, CSIR</li> <li>• Dr Isabele Schmidt, Executive Manager: Social Statistics (Stats SA)</li> </ul>
15:30-15:50	TEA BREAK & NETWORKING	

**Session 2. Indicators Accounting.** *This session will include three sectoral working groups. Within each working group there will be a presentation of the specific sectoral challenges of accounting for energy consumption relevant to the sector and open discussion of how to address the challenges in the sector.*



*Questions to be discussed will include:*

1. What type of indicators exist?
2. What are the uses of indicators?
3. Are indicators being developed?

<b>15:50-17:00</b>	Group A: Buildings	<p><i>Moderator A: Melanie Slade, IEA,</i></p> <ul style="list-style-type: none"> <li>• Brian Dean, IEA</li> <li>• Mfundo Xulu, Manager: Facility Manager (DPW)</li> <li>• Milfred Bruine, Green Building Council of South Africa</li> <li>• Dr Daniel Irurah/Thebe Mamakoko, Climate Change Specialist, DoE-RSA)</li> </ul>
	Group B: Industrial	<p><i>Moderator B: Tshilidzi Ramuedzisi, Chief Director: Energy Planning, DoE-RSA</i></p> <ul style="list-style-type: none"> <li>• Kira West, IEA</li> <li>• Val Geen, Head: Energy (NBI)</li> <li>• Alfred Hartzenburg, Senior Project Manager: South African Industrial Energy Efficiency Project(IEEP)</li> <li>• Lindiwe Chauke, Director: Energy Sector (DEA)</li> <li>• Karel Steyn, Performance Verification Specialist, Eskom</li> </ul>
	Group C: Transport	<p><i>Moderator C: Anise Sacranie, Energy Specialist, Danish Energy Management</i></p> <ul style="list-style-type: none"> <li>• Taejin Park, IEA</li> <li>• Nicolene Wattel (DoE's Transport EEMS Specialist-DEM)</li> <li>• Jongi Witi , Director: Climate Change Monitoring, DEA-RSA</li> <li>• Karel Snyman, Senior Manager: Green Transport, SANEDI</li> </ul>
<b>17:00</b>	<b>CLOSE OF DAY 1</b>	

**DAY 2 – 29 January 2015**

TIME	TOPIC	PRESENTERS
8:30-9:00	REGISTRATION & NETWORKING	
<b>Session 3. Energy Efficiency Target Setting. This session will include a panel discussion of energy</b>		





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	Group C: Transport	(EIUG)  <i>Moderator C: Nicolene Wattel, RSA DoE's Transport Specialist</i> <ul style="list-style-type: none"> <li>• Taejin Park, IEA</li> <li>• Mac Makwarela, Director: Transport Sector (DEA)</li> <li>• Motlatsi Seotsanyana Energy Demand Modelling Specialist (DoE)</li> <li>• Tobias-Bischof-Niemz, Energy Research Centre, CSIR</li> </ul>
<b>11:20-11:40</b>	<b>TEA BREAK</b>	
<p><b>Session 4. The Way Forward: How to take the next steps in Target Setting. This session will include a presentation followed by a discussion of working group findings.</b></p> <p><i>Moderator: Yaw Afrane – Okese, SA Danish Energy Programme</i></p>		
<b>11:40-13:00</b>	Working group findings and next steps	Working Group Coordinators
	Outline what will be covered at the third workshop and homework	Mokgadi Modise, Chief Director: Clean Energy (DoE) Melanie Slade, IEA
<b>13:00</b>	<b>LUNCH BREAK &amp; WORKSHOP CLOSE</b>	