

**Towards an International Energy Management System Standard****UNIDO-SAC Working Group Meeting****9 -11 April 2008 - Beijing, China****Final Agenda**

Day 1 – Wednesday, April 9, 2008	
08.15 – 09.00	Registration
Opening Plenary Session	
09.00 – 10.15	Welcoming Remarks. <ul style="list-style-type: none">➤ Mr. Sajjad Ajmal, UNIDO Representative and Head UNIDO Regional Office (China, Mongolia, D.P.R. Korea and R.O. Korea), UNIDO➤ Mr. Yin Minghan, Director, Industrial Standards Department I, Standardization Administration of China (SAC)➤ Mr. Yang Tiesheng, Director, Division of Energy Conservation, Department of Resources Conservation & Environment Protection, National Development and Reform Commission (NDRC), People’s Republic of China➤ Mr. Alain Samné, Technical Group Manager, Engineering, Machinery & Energy, International Organization for Standardization (ISO)➤ Mr. Zheng Weihua, President, China National Institute of Standardization (CNIS), People’s Republic of China➤ Mr. Robert Williams, Chief, Energy Efficiency Unit, UNIDO
10.15 – 10.45	Coffee break
Session 1: Industrial System Optimization and Energy Management Standards	
10.45 - 11.30	The importance of system approaches to Industrial Energy Efficiency Presenter: Mr. Robert O. Williams, Chief, Energy Efficiency Unit, UNIDO Achieving sustainable energy efficiency in industry through a Management System Standard for Energy Presenter: Ms. Aimee McKane, UNIDO Expert and Senior Program Manager Lawrence Berkeley National Laboratory
Session 2: Management Systems Standards in Emerging Economies	
11.30 – 12.30	Status and future developments of Management Systems Standards in Brazil Presenter: Mr Eugenio G. T. De Simone, Director of Standardization, Associação Brasileira de Normas Técnicas, Brazil

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	<p>Status and future developments of Management Systems Standards in China Presenter: Mr. Li Tienan, President, China Standard Certification Center, People’s Republic of China</p> <p>Status and future developments of Management Systems Standards in South Africa Presenter: Ms. Irma Loots, Manager Systems & Services Standards, South African Bureau of Standards, South Africa Chaired by: Mr. Marco Matteini, UNIDO Consultant</p>
12.30 – 14.00	Lunch break
Session 2: Management Systems Standards in Emerging Economies – continued	
14.00 – 14.45	<p>Status and future developments of Management Systems Standards in Thailand Presenter: Ms. Chaowalee Ratanamungmeke, Director of Standardization Promotion and Development Division, Thai Industrial Standards Institute, Thailand</p> <p>Status and future developments of Management Systems Standards in South Korea Presenter: Prof. Dong Myung Kwon, Korean Agency for Technology and Standards, South Korea Chaired by: Mr. Marco Matteini, UNIDO Consultant</p>
Session 3: UNIDO Regional Survey/Study	
14.45 – 16.45	<p>Assessing potential impact of an ISO Management System Standard for Energy (MSE) on developing and emerging economies’ industry – Scope and Methodology of UNIDO planned regional survey/study. Presenter: Mr. Marco Matteini, UNIDO Consultant</p> <p>Focus/ Working Groups <i>Breakout groups will be formed to discuss scope and methodology of the survey/ study. Discussion will be facilitated by UNIDO Experts.</i></p>
16.45 – 17.15	Coffee Break
17.15 – 17.45	<p>Discussion of working groups outcomes and next steps Moderator: Mr. Wayne Perry, UNIDO Expert and Technical Director Kaeser Compressors <i>Rapporteurs report on the results of group discussions</i></p>
17.45 – 18.00	Adjournment and introduction of Day 2



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	Presenter: Ms. Aimee McKane, UNIDO Expert and Senior Program Manager Lawrence Berkeley National Laboratory
19:00 – 22:00	Dinner
Day 2 – Thursday, April 10, 2008	
09.00 – 09.15	Opening Remarks <ul style="list-style-type: none">➤ Mr. Robert Williams, Chief, Energy Efficiency Unit, UNIDO➤ Mr. Li Tienan, President, China Standard Certification Center, People’s Republic of China
09.15 – 09.30	Highlights of Day 1 presentations and discussion Presenter: Mr. Marco Matteini, UNIDO Consultant
Session 1: Introduction to the ISO Management System Standard for Energy	
09.30 – 10.15	Introduction to the scope and schedule for ISO Project Committee 242 Chaired by: Mr. Robert Williams, Chief Energy Efficiency Unit, UNIDO Presenters: Mr. Alain Samné, Technical Group Manager, Engineering, Machinery & Energy, ISO Central Secretariat Mr. Steven Cornish, Director, International Policy, American National Standards Institute (ANSI) and Representative of the ANSI Secretariat for ISO/PC 242 Mr. Eugenio G. T. De Simone, Director of Standardization, Associação Brasileira de Normas Técnicas (ABNT), Brazil
10.15 – 10.45	Coffee break
Session 2: Management System for Energy (MSE) vs. ISO 9000 and ISO 14000	
10.45 - 12.00	Analysis of similarities and differences between management system standards for Energy, ISO 9000 and ISO 14000. Presenter: Mr. Li Tienan, President CSC and Vice Chairman of ISO/TC 176 Standards Authorities perspectives and issues Presenter: Mr. Rob Steele, UNIDO Expert, Former CEO of Standards New Zealand Industry perspectives and issues Presenter: Mr. Wayne Perry, UNIDO Expert, Technical Director Kaeser Compressor

Day 2 – Thursday, April 10, 2008	
	Chaired by: Mr. Robert Williams, Chief Energy Efficiency Unit, UNIDO
12.00 – 13.30	Lunch break
Session 3: Management System for Energy – What opportunities and challenges for developing and emerging countries	
13:30 - 14:30	<p>How do developing and emerging economies ensure there is active participation by standards and conformance organizations in the development of an ISO MSE? – Panel Discussion</p> <p>Chaired by: Mr. Rob Steele, UNIDO Expert and Former CEO of Standards New Zealand</p> <p>Panelists: Ms. Irma Loots, Manager Systems & Services Standards, South African Bureau of Standards, South Africa</p> <p>Mr. Eugenio G. T. De Simone, Director of Standardization, Associação Brasileira de Normas Técnicas (ABNT), Brazil</p> <p>Mr. Li Tienan, President, China Standard Certification Center, People’s Republic of China</p> <p>Mr. Alain Samné, Technical Group Manager, Engineering, Machinery & Energy, ISO Central Secretariat</p> <p>Mr. Steven Cornish, Director, International Policy, American National Standards Institute (ANSI) and Representative of the ANSI Secretariat for ISO/PC 242</p>
Session 4: Towards an harmonized international Management System for Energy (MSE) – Part 1	
14.30 – 16:00	<p>Highlights from Gap Analysis of Existing and Proposed National and International Energy Management Standards – Methodology, Commonalities, Key Differences</p> <p>Chaired by: Ms. Aimee McKane, UNIDO Expert & Senior Program Manager Lawrence Berkeley National Laboratory</p> <p>Presenters: Dr. William Meffert, Georgia Institute of Technology</p> <p>Mr. Ronald Vermeeren, Program Consultant, SenterNovem, The Netherlands and PT member of the CEN/CENELEC BT Task Force Force 189 "Energy Management"</p> <p>Open discussion</p>
16:00-16:30	Coffee break
16:30 – 18.00	Developing a Framework for an ISO Management System for Energy – Purpose,



Day 2 – Thursday, April 10, 2008

	<p>Intended audience, Scope and Guidance - Facilitated discussion</p> <p>Facilitator: Ms. Aimee McKane, UNIDO Expert and Senior Program Manager Lawrence Berkeley National Laboratory</p> <p>Mr. Wayne Perry, UNIDO Expert and Technical Director, Kaeser Compressors</p> <p>Mr. Rob Steele, UNIDO Expert, Former CEO of Standards New Zealand</p> <p>Mr. Erik Gudbjerg, Director Lokalenergi, Denmark</p> <p>Outcomes:</p> <ul style="list-style-type: none"> • Framework for breakout groups discussions defined • Topic-breakout group leaders identified • Breakout groups formed w/leaders and facilitators • Breakout groups begin discussion
19:00 – 22:00	Dinner

Day 3 – Friday, April 11, 2008

Session 1: Towards an harmonized international Management System for Energy (MSE) – Part 2	
09.00 – 10.45	<p>Bridging the harmonization gaps – Review discussion of agreed topics with an emphasis on resolving differences.</p> <p><i>Topic Leaders identified on Day 2 will lead discussion of corresponding breakout groups.</i></p> <p>Facilitators: Ms. Aimee McKane, UNIDO Expert and Senior Program Manager, Lawrence Berkeley National Laboratory</p> <p>Mr. Wayne Perry, UNIDO Expert and Technical Director, Kaeser Compressors</p> <p>Mr. Rob Steele, UNIDO Expert, Former CEO of Standards New Zealand</p> <p>Mr. Erik Gudbjerg, Director Lokalenergi, Denmark</p>
10.45 – 11.15	Coffee break
Session 2: National Energy Management Standards – Implementation Experience	
11.15 - 12.30	<p>Learning from National Best Practices in Implementation – Panel/ Dialogue Discussion</p> <p>Chaired by: Mr. Wayne Perry, UNIDO Expert and Technical Director, Kaeser</p>

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	<p>Compressors</p> <p>Panelists: Mr. Ronald Vermeeren, Program Consultant, SenterNovem, The Netherlands <i>Experience with Energy Management Standards in the Netherlands Long Term Agreements.</i></p> <p>Mr. Martin R. Fry, British Standards Institution, United Kingdom <i>UK experience with energy management standards and accreditations.</i></p> <p>Mr. Sang Ku Park, Policy Development Department, Korea Energy Management Corporation, South Korea <i>Energy Savings through Partnership scheme.</i></p> <p>Mr. Akira Ishihara, Managing Director, Energy Conservation Center, Japan <i>Energy Conservation Policy, Law and Management Concept in Japan</i></p> <p>Mr. James Quinn, Industrial Technologies Program, US Department of Energy, United States of America <i>Certification of U.S. Industrial Plants for Energy Efficiency</i></p>
12.30 – 14.00	Lunch break
Session 3: Developing a Framework for an ISO Management System Standard for Energy	
14.00- 15:30	<p>Report on Results of Breakout Groups Discussion</p> <p>Presenters: Topic Leaders with Facilitators</p>
15.30 – 16.00	Coffee break
16.00 – 17.00	<p>Completing a Draft Framework for an ISO Management System Standard for Energy – Summary Discussion</p> <p>Facilitator: Ms. Aimee McKane, UNIDO Expert and Senior Program Manager Lawrence Berkeley National Laboratory</p>
Session 4: Way Forward and Closure of the Meeting	
17.00 – 17.30	<p>Discussion of next steps and conclusion of the Meeting</p> <p>Mr. Robert O. Williams, Chief, Energy Efficiency Unit, UNIDO</p> <p>Ms. Aimee McKane, UNIDO Expert & Senior Program Manager at Lawrence Berkeley National Laboratory</p> <p>Mr. Yang Zeshi, Director, Division of Transportation & Energy Resources, Standardization Administration of China</p>



Day 3 – Friday, April 11, 2008

Mr. Li Tienan, President, China Standard Certification Center

Mr. Alain Samné, Technical Group Manager, Engineering, Machinery & Energy, ISO
Central Secretariat