

Total Energy Management

Principles and implementation

in Israel Air Force (IAF)

Joel Weill, CEO

M&S - Management and **Sustainability** Ltd.

www.mansus.com

Senior Advisor of Israel Air Force and Logistics Command
for Energy Efficiency, Renewable Energies and Green Building
Chairman, Israeli Committee for Energy Management Standards
Chairman, Energy and Environment Commission, ICC- ISRAEL
(International Chamber of Commerce)
Former Vice President of Ormat Group

Total Energy Management - *Principles and implementation in IAF*

Joel Weill, CEO / **M&S** - Management and **Sustainability** Ltd.

- All experts agree that in the medium and long run, energy prices in real terms will stay at much higher levels than before 2003, in spite of their short-term fluctuations.
- In any business or public organization, *energy is and will represent a significant operational cost.*
- *The offer of energy technologies is increasingly complex,* because of efficiency improvements and environmental considerations, particularly the need and obligation to reduce GHG emissions.

Total Energy Management - *Principles and implementation in IAF*

Joel Weill, CEO / M&S - Management and Sustainability Ltd.

- In any organization, energy resources and consumption require the awareness, attention, decision-making process and systematic follow-up of top management, and not only of the maintenance manager.
- This is the basic concept underlying the new energy management international standard ISO 50001, which has been drafted in the spirit of environmental management standard ISO 14001 and is expected to be published in the beginning of 2011.
- The Standards Institution of Israel published in December 2009 a Hebrew version of ISO 50001 draft in order to promote the implementation of "Total Energy Management" in Israel.

Total Energy Management - *Principles and implementation in IAF*
Joel Weill, CEO / *M&S* - Management and *Sustainability* Ltd.

- Since 2008, **Israel Air Force (IAF)** is a good example of a large public organization implementing Total Energy Management principles before ISO 50001 publication.
- For both economic and environmental reasons, IAF has defined and is carrying out a comprehensive, long-term program *integrating energy efficiency, use of renewable energies and "green building"*.
- This program, called "**Blue Builds Green**", is intentionally and jointly managed by 2 Colonels who are the commanders of Budget and Building Divisions, with *M&S* techno-economical advice.

Total Energy Management - *Principles and implementation in IAF*
Joel Weill, CEO / *M&S* - Management and *Sustainability* Ltd.

Overview of Israeli Energy Saving Technologies

以色列节能技术概述

Joel WEILL 乔.威尔

CEO, *M&S* - Management and Sustainability 首席执行官

TIANJIN 天津节能论坛 December 19, 2007

***Israeli organizations must implement
“Chinese” Energy Efficiency policy***

Thank you!

Joel Weill – jw@mansus.com