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**IS014000
STATUS UPDATE AND FUTURE DEVELOPMENTS**

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ISO

**ISO 14000 Status Update and
Future Developments**

**Ahmad Hussein
ISO/TC 207 Secretary**

January 1999

ISO and TC 207 Background

- **ISO - International Organization for Standardization**
- **Worldwide federation of National Standards Bodies from 123 Countries**
- **[86 Full Members]**
- **11000+ Active Standards.**



ISO/TC 207 on Environmental Management and Tools

• **ISO/TC 207 SCOPE**

• **ISO 14000 Vision**

• **ISO/TC 207 Structure.**



ISO TC 207 Membership

- 58 Participating "P" Member Countries
- 16 Observing "O" Member Countries
- 45 Liaison Organizations
- TC 207 is the largest ISO Committee!



Document Status

• 14001, 14004, 14010, 14011, 14012, 14040,
14041, 14050, Guide 64, 14020, 14061 TR +
DEVCO Manual (Published)

• 14015 CD- ESA - (6-00)

• 14021 FDIS-EL- (9-99)

• 14024 FDIS-EL- (9-99)

• 14031 FDIS-EPE - (6-99)



ISO/TC 207 Main Resolutions

June 1998

- **Increase efforts to enhance Compatibility between ISO 14000 & ISO 9000**
- **Work with Developing Countries and NGOs**
- **More Information Exchange**
- **Study Climate Change Issues**
- **Work on Design For the Environment**
- **Closer Ties with UN Agencies, UNEP, ISO/CASCO, and ISO/DEVCO.**



Internal Challenges

- **TC 207/TC 176 Products Inter-relationships**
- **Internal TC 207/SC Coordination**
- **Terms and Definitions**
- **Production Timelines.**



Challenge : Communication

• **Communication Plan should cover the following points:**

- **Consistent message on ISO 14000 disseminated effectively - Web-site;**
- **Educating users and the public on the ISO 14000 Standards; and**
- **Managing the Interaction of TC 207 with the media.**



Yes! We are Working to help resolve some DC Issues

- **Efforts to be made as to accommodate the concerns of Developing Countries.**
- **Particular attention should be given to those countries that cannot participate at meetings.**
- **Efforts to be made to ask “Rich” Nations to support DC experts who wish to attend meetings.**



Challenge : Trade

- **Traditional benefit of Standards has been to facilitate trade between nations .**
- **We do not have a level playing field yet!**
- **Some Environmental Labelling standards may be perceived as creating non-tariff trade barriers!**
- **Interpretation and translation issues may create trade implications.**



Challenge: Implementation of ISO 14001

- **Interpretation of ISO 14001**
- **Proliferation of Standards**
- **Conformity Assessment Structures, IAF,
CASCO, EAC etc...**
- **VW vs. Cadillac syndrome!**
- **Cost.**



Implementations: Participants' Needs

• **Harmonize National Standards**

• **Avoid Trade Barriers**

• **Promote a credible, transparent, and open,
voluntary approach.**



Implementations: Considerations

- **Legacy of ISO 9000**
- **Regulatory Systems - the Role of Government**
- **Legal Liabilities**
- **Implementation by Global Organizations**
- **EMAS and EMAR.**



Implementation: Why Are Companies Certifying?

- **Certifiable EMS already in place**
- **Important Image Driver**
- **Facility is Part of Global Corporation certifying all of its facilities**
- **Competitive Issues**
- **Settlement of Compliance Problems**
- **Internal Needs for Management System.**



**Yes... We Are Moving Ahead.....
Slowly!**

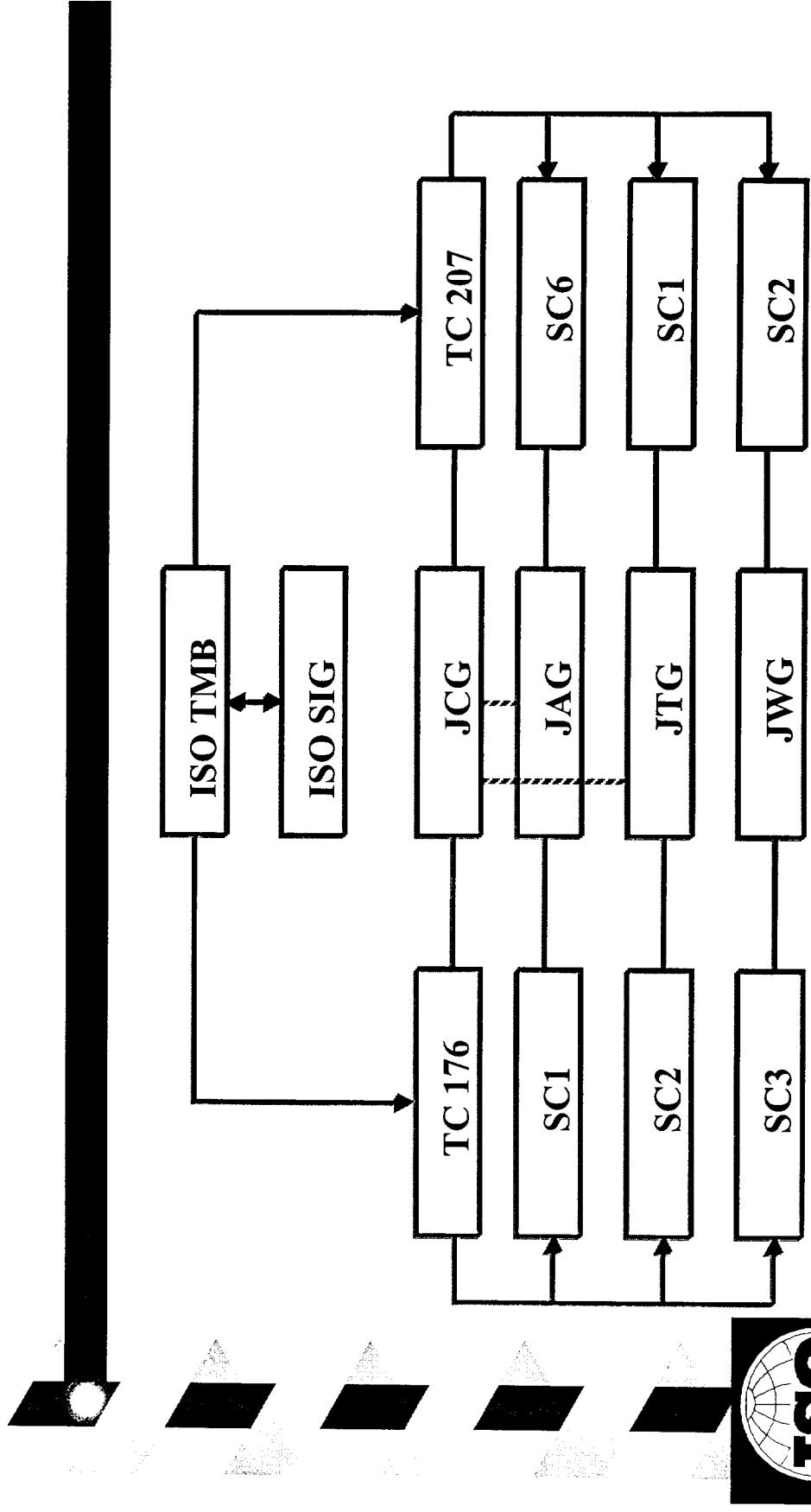
**To date, nearly 6000
Registrations Worldwide!**



January 1999

ISO 9001/ ISO 14001 Compatibility

Committee Roles and Relationships



The Future ?

- **Integrated Management Systems**
- **Sector Specific Guides**
- **Climate Change Standards**
- **Verification of Emission Trading**
- **Sustainable Cities**
- **Sustainable Development**



Alignment between ISO 14000 and ISO 9000

- **More participation by Users, and broader based input**
- **Coordination with GASCO and IAF, to implement Standards without modification or interpretation.**



Alignment between ISO 14000 and ISO 9000

- **TAG 12 Recommendations to the ISO/TMB**
- **Creation of the ISO SIG for greater compatibility between ISO 14001/ISO 9001**
- **Joint Auditing Group: Auditing Standards Integrated (ISO 10011 and ISO 14011)**



Implementation: So what are we all waiting for?

- **Competitive Drives**
- **Global Trends**
- **Customer/Supplier Incentives**
- **Regulatory Incentives**
- **EMS Works - the Critics are wrong**
- **Stabilized Certification Costs**
- **Established Certifier Reputation.**



Implementation: Approaches

- **Wait and See**
- **Implement for Inherent Value**
- **Implement First, then Announce**
- **Announce First, then Implement**
- **Self-Certify/Third Party**
- **Complete Lack of Awareness of the Standard.**



Implementations: Organizations' Needs

- **Drive Environmental Improvement**
- **Improve Compliance**
- **Reduce Cost**
- **Framework to Demonstrate Commitment
and Show Due Diligence.**



Yes! We are Working to help resolve the Implementation Issue

- **SC1 has prepared a procedure for the interpretation of ISO 14001.**
- **This will be the basis of interpretations that will eventually be included in future drafts.**



Yes! We are Working to help resolve the Trade Issue

- **An ad hoc task force will be created to plan the trade implications.**
- **workshop to be held in San Francisco in conjunction with the TC 207.**
- **This task force will include, among others, members from Singapore, USA, and WTO.**



Other Activities to assist Developing Countries

• **The TC 207 and the SC Secretaries will work with ISO/DEVCO and other agencies to keep members of Developing Countries abreast of the activities of TC 207.**

• **Special efforts will be made to assist Developing Countries in understanding the various ISO 14000 series of standards - [Seminars, Workshops etc..**



Challenge: Needs of Developing Countries

- **Lack of financial resources necessary to participate in the development of TC 207 standards.**
- **Many countries without a standardization infrastructure in place , and not even a regulatory framework.**
- **Immediate gain unclear & Implementation costs too high.**



Challenge : Inconsistencies of Terms

• Examples:

- **Environmental Aspect**
- **Environmental Impact**
- **Environmental Management System**
- **Environmental Objective**
- **Environmental Performance**
- **Environmental Policy.**



What's Hot in TC 207?

• **Work Towards Compatibility of ISO 14001
and ISO 9001 (Year 2000 editions)**

• **Design For the Environment**

• **Climate Change**

• **Examples on the Applications of 14000
Standards**



Document Status, cont'd

- **14032 TR- EP Reporting - (6-99)**
- **14042 DIS - LC Impact Assessment - (9-00)**
- **14043 DIS - LC Interpretation - (9-00)**
- **14047 TR- 14042 Applications**
- **14048 WD - LCA Data Documentation - (9-98)**
- **14049 TR - LCA - 14041 Applications - (99-06)**



ISO/TC 207 Subcommittees and Working Groups

- **SC1: Environmental Management Systems**
- **SC2: Environmental Auditing**
- **SC3: Environmental Labeling**
- **SC4: Environmental Performance Evaluation**
- **SC5: Life Cycle Assessment**
- **SC6: Terms and Definitions**
- **WG1/TF: Design for the Environment**



ISO/TC 207 Vision

- **To facilitate world trade**
- **ultimately contribute to sustainable development through world wide acceptance, and**
- **use of ISO 14000 Standards,**
- **which will provide the means to improve environmental performance of organizations and their products and services.**



Advantages of ISO Standards

- **Freedom to Compete**
- **Equal Footing in the Development through a Consensus Process**
- **Provide a Level Playing Field in the Application of Standards across the World**
- **Improvement in the well-being of people, society, and the environment.**



Outline of Presentation

- **ISO and TC 207 Background**
- **What's hot in ISO/TC 207 ?**
- **What are the issues ?**
- **What are we doing to solve them?**
- **Implementation Issues**
- **Alignment between ISO 14000 and ISO 9000**
- **The Future.**

