



Environmental Challenges Progress and developments on ISO 14000

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Background

- ISO launched the technical committee, [ISO/TC 207, Environmental management](#), in 1993.

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Background Cont'd

- Today, delegations of business and government experts from 70 countries participate actively within TC 207, with another 27 as observers, along with 39 international or regional organizations, including UNCTAD, UNEP, WHO and WTO.
- The delegations are chosen by the national standards institute concerned and they are required to bring to TC 207 a national consensus on issues being addressed by the committee.
- This national consensus is derived from a process of stakeholder consultation.

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Future vision TC207

- Market relevance
- Compatible with other MSSs (ISO 9000)
- Coping with environmental challenges (climate change, GHG...etc)
- Connectivity and Networking with International and Regional Organizations (UNCCD, UNFCCC... etc.)
- Involvement of all stakeholders.





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Global warming and climate change for TC207

- Complexity
- Urgency
- Uncertainty

RESPONSIBILITY

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ISO 14000 and Sustainability

- Three dimensions of sustainability: economic growth, environmental integrity and social equity

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EMS and Environmental Integrity

- The current portfolio of ISO 14000 family help Environmental Integrity
- In the future more focus on Land, Water, Energy, natural resources, GHG issues and climate change will achieve integrity.

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Environment and Social Responsibility

- Prevention of pollution
- Waste management
- Air and Water Quality
- Preservation of Biodiversity

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ISO14001 certification as a challenge

- According to ISO survey Dec.2006
- At least 130000 certificates in 140 countries
- Annual growth 16%
- Expect around 180000 certificates in 160 countries now
- Other sources estimate 200000
- Credibility of certification ???

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The Future of MSS as a challenge

- Knowledge management
- Risk Management
- Innovation
- Speed and Agility
- Intelligence Management
- Complexity Management
- Web 2 technology
- Disruptive Technologies
- Social connectivity technologies

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Potential future work

Based on (Innovative models and techniques) in standardization

- Land degradation and desertification
- Water management
- Energy

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Greenhouse Gas Management

- Carbon foot print –products
- Carbon foot print -organizations

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Combat of Desertification

- Principles
- Framework
- Monitoring
- Communication

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Guidance for implementation

- ISO 14005 CD/DIS
- Phased implementation ?
- SMEs
- Performance

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Material flow cost accounting

- The efficient use of material

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Stakeholders engagement

- Will TC 207 be able to set up a new procedure to increase involvement of NGOs and Consumers?

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Terminology and concepts database

- TC207/TCG is working on a major project to establish a multilingual data base for EMS concepts and terminology

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New users and markets

- Governments
- Public policy makers,
- Regulators
- International organizations and programs (Trade, Health ,Marine, Aviation, Agriculture)
- More SME's

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Thank you

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