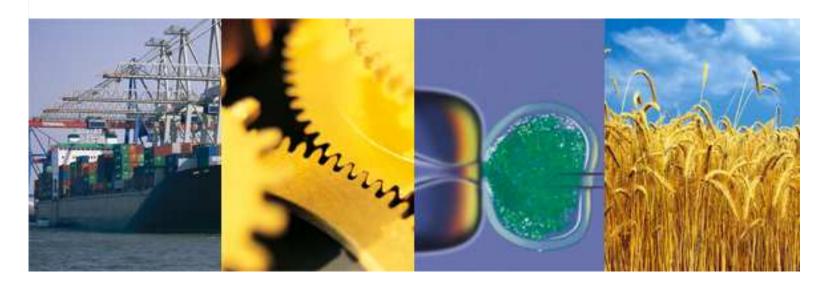
International Standards – A vital tool to assess and manage risk in daily life and in business



UNECE - International Conference on Risk Assessment and Management

Rob Steele ISO Secretary-General

Geneva, Switzerland 24 November 2009



Outline

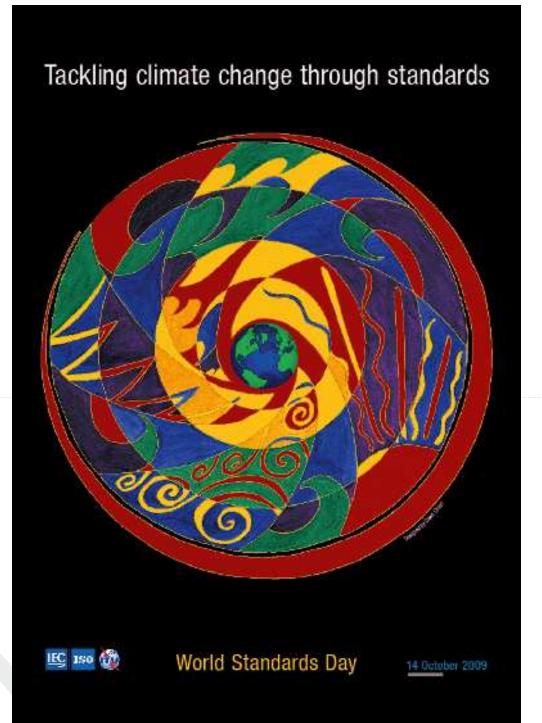
- Standards in our daily lives
- Standards, business and risk
- ISO Standards in business management and the management of risk
- Risk management Principles and guidelines of ISO 31000:2009
- For example



ISO

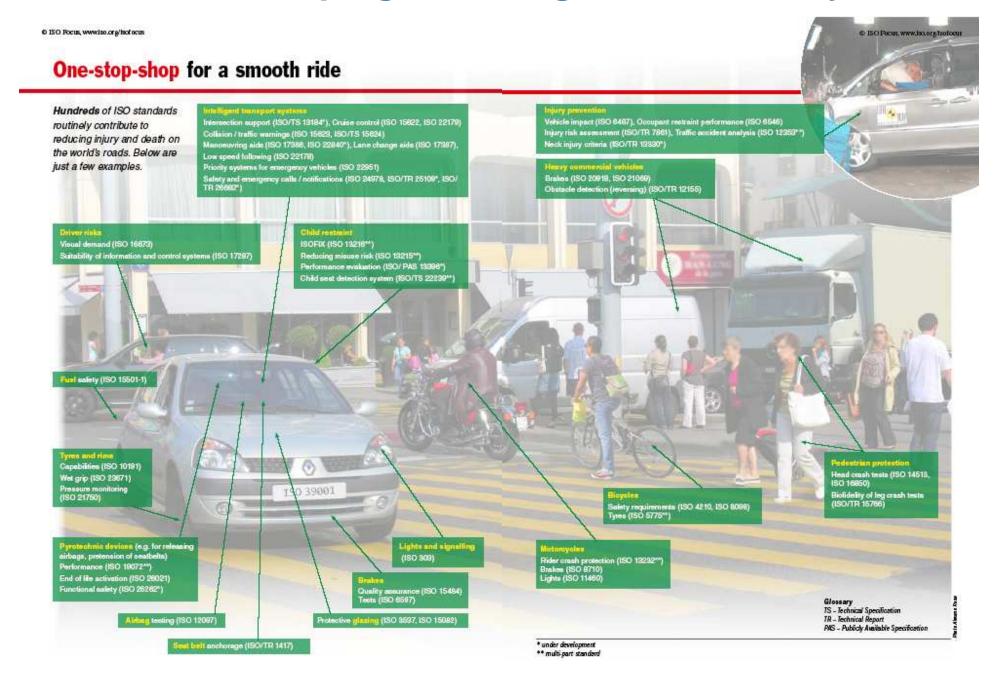
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Standards - helping with solutions to global Risks





Standards – Helping to manage Risks in Daily Life



Business and risk management ... Standards support and enhance business ... Everywhere!

Access to global procurement markets

- > Lower transaction cost
- > Consistent quality
- > Transparency
- > Economies of scale

Facilitates inter-action with public stakeholders, regarding compliance (e.g., safety, health, environment)

Easier cooperation with other companies on common basis

Other supporting functions

Research and Development

Procurement

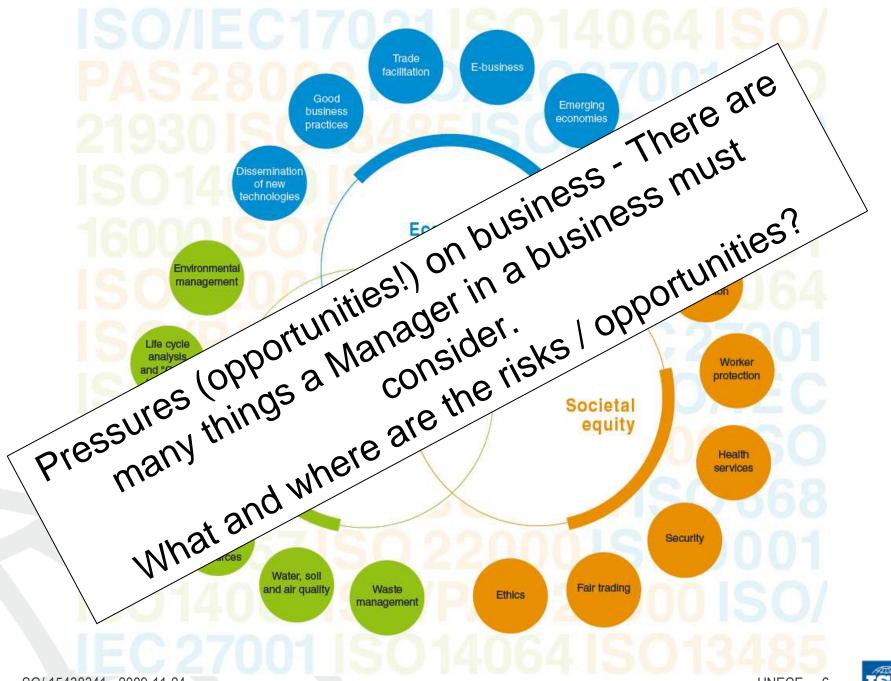
Inbound logistics Production Outbound logistics Marketing Service

Value Chain

Access to global customers (B2B, B2C and B2B2C)

- > Simplified service
- > Broader markets
- > Broader customer base
- Lower pressureon price
- Lower transaction costs







What is "risk"?

- Organizations of all types and sizes face internal and external factors and influences that make it uncertain whether and when they will achieve their objectives
- The effect this uncertainty has on an organization's objectives is "risk"
- All activities involve risk



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Is all risk equal? Should we treat different risks differently?

	Almost certain	Medium	High	High	Extreme	Extreme
	Possible	Medium	Medium	High	High	Extreme
	Unlikely	Low	Medium	Medium	High	Extreme
	Rare	Low	Low	Medium	Medium	High
	Almost incredible	Negligible	Low	Low	Medium	High
		Insignificant	Minor	Moderate	Major	Catastrophic

Consequences

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Likelihood

Risk management

- Organizations manage risk by identifying it, analysing it and then evaluating whether the risk should be modified by risk treatment in order to satisfy their risk criteria.
- Throughout this process, they communicate and consult with stakeholders and monitor and review the risk and the controls that are modifying the risk in order to ensure that no further risk treatment is required.



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Management System Standard (ISO 9001:2008) and Risk Management Standard (ISO 31000:2009)

The design and implementation of an organization's quality management system is influenced by :

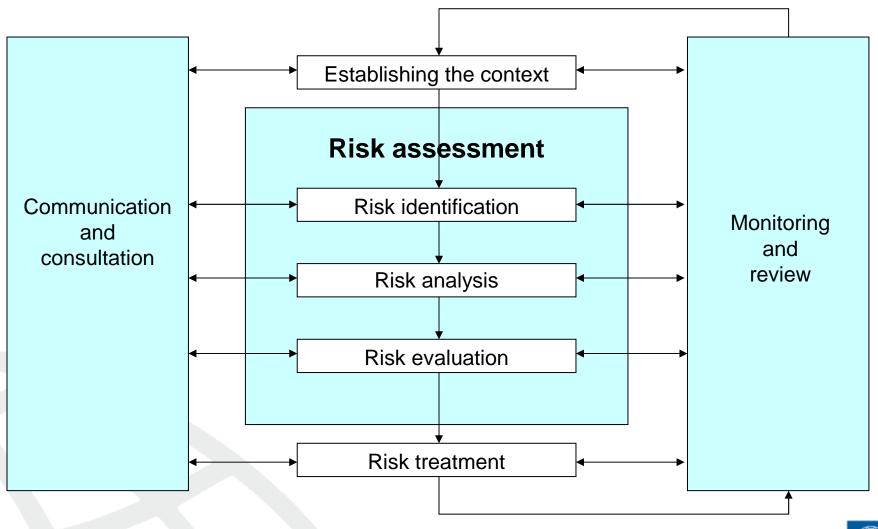
- its organizational environment, changes in that environment, and the risks associated with that environment
- its varying needs
- its particular objectives
- the products it provides
- the processes it employs
- its size and organizational structure





ISO

Risk management process



ISO

ISO 31000:2009 - Risk management - Principles and guidelines - Key Features

- Published 15 November 2009 with ISO/IEC Guide 73: Risk management - Vocabulary
- Applicable to part or an entire organization, to any public or private or community enterprise, association, group or individuals
- Applicable to any type of risk
- Develop, implement and continuously improve a framework to integrate the process for managing risk into the organization's overall governance, strategy and planning, management, reporting processes, policies, values and culture
- Provides principles and guidelines for managing any form of risk in a systematic, transparent and credible manner
- Describes systematic and logical process in detail

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ISO 31000:2009 – Principles

Risk management

- creates and protects value
- is an integral part of all organizational processes
- is part of decision making
- explicitly addresses uncertainty
- is systematic, structured and timely
- is based on the best available information
- is tailored
- takes human and cultural factors into account
- is transparent and inclusive
- is dynamic, iteractive and responsive to change
- facilitates continual improvement of the organization





ISO 31000:2009 – Who can benefit?

- Those responsible for developing risk management policy within their organization
- Those accountable for ensuring that risk is effectively managed within the organization as a whole or within a specific area, project or activity

Those who need to evaluate an organization's effectiveness in

managing risk

 Developers of standards, guides, procedures and codes of practice that, in whole or in part, set out how risk is to be managed within the specific context of these documents





An example where risk management might have helped



"Troubled waters for drinks giant

- Coca-Cola executives were supremely confident that their stylish purified water product Dasani – which its marketing brainiacs believed suggested relaxation, pureness and replenishment – would be a runaway success in the UK. After all, five years after its launch in the US, Americans were guzzling 1.3bn litres of the stuff each year.
- However, the bubble burst for Coca-Cola, which invested \$13m on the UK launch, when it emerged that the factory in Kent which made Dasani used ordinary tap water as the source.
- Thames water added to the sense of public outrage by mentioning that it charged just 0.03p for the same quantity as that contained in Dasani's 95p half-litre trendy blue bottle. The final humiliation came via the discovery that samples of the water inadvertently contained up to 22 micrograms per litre of bromate, a carcinogen, which is more than double the limit permitted in the EU.
- Within weeks of the launch, Dasani was pulled from UK shelves and plans to roll it out in Germany and France, were, well, put on ice."

extract from http://www.guardian.co.uk/business/2007/dec/27/topfivedisasters



An example where risk management has helped

ISO Central Secretariat escalation plan in the event of H1N1 pandemia

Level 0: business as usual

Level 1: communication, putting in place hygienic preventive measures

Level 2: up to 19 sick/absent staff members:

- meeting of the crisis committee at the first confirmed case of the illness
- activation of the crisis committee and monitoring of the pandemic's evolution
- contact with the sanitary authorities

Level 3: as from 20 sick/absent staff members

- continued monitoring of the pandemic's evolution
- reinforcement of the hygienic preventive (cleaning) measures

Level 4: on decision of the sanitary authorities

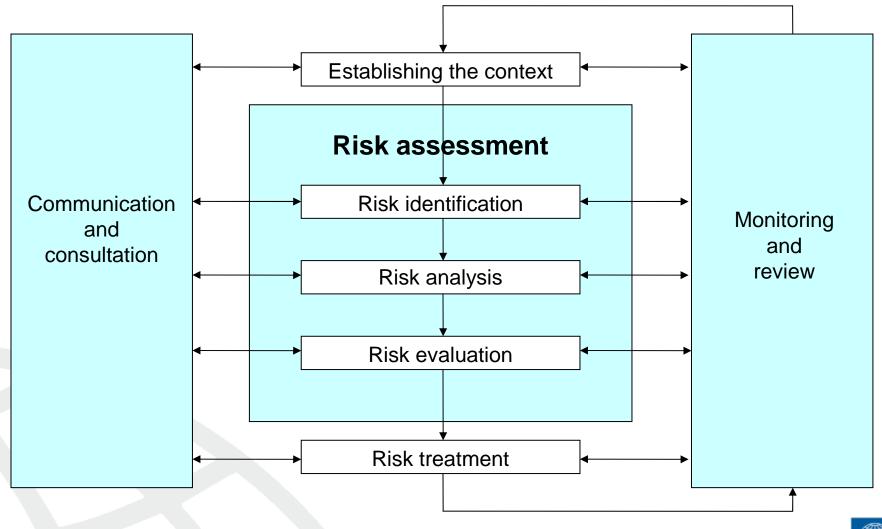
- closure (7 days) of the Central Secretariat
- functioning of ISO/CS with a limited number of nominated staff members





An example where risk management could help

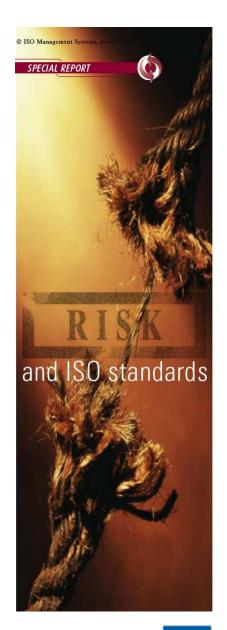
What needs to happen in the aftermath of the economic crisis?



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Conclusion

- All activity involves risk opportunity for business, integral part of business
- Risk management should therefore be an integral part of management of the business
- ISO standards are pervasive and assist business – new ISO Standard on Risk Management (ISO 31000:2009) designed to be integrated into the management systems of business



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THANK YOU!

http://www.iso.org



"We've considered every potential risk except the risks of avoiding all risks."

ISO