



ISO 39001

- by ISO/PC 241

**Title: Road traffic safety (RTS)
management systems – Requirements
with guidance for use**

Peter Hartzell

ETSC/PRAISE, Brussels May 18th 2011





Presentation outline:

- 1) Introduction
- 2) ISO PC 241 – committee for RTS management systems
- 3) ISO 39001 – Road traffic safety management systems standard
- 4) Conclusion



1) Introduction

Peter Hartzell (Sweden):

- Business degree (Sweden and USA)
- 17 years of international work with Management systems
- Secretary of ISO/PC 241 committee for road traffic safety
- Project manager (Quality) at SIS, Swedish Standards Institute
- Swedish expert in ISO committees for future management system standards, ISO 9001 revision and auditing standards





SIS – Swedish standards institute

- NSB/National Standardization Body: Sweden's member of ISO
- Non-profit, non-governmental, member-based organization
- neutral meeting ground for experts in various fields
- represents Sweden's interests in standards development





ISO – International Organization for Standardization

Explore the ISO Web site
www.iso.org

Contact your national standards body
www.iso.org/isomembers
(Belgium/NBN: O-member of ISO/PC 241)



ISO and its partners

- Develop and promote international standardization
- Contribute to the global business dialogue
- Provide assistance and support to developing countries
- Reduce technical barriers to trade
- Advance public sector-private sector cooperation
- Promote international acceptance of conformity assessment certificates and test results



ISO standards can be a great support to organizations to perform better and to achieve objectives.

Standards make the world go around.

Members of ISO/PC 241



22 P-members

- Argentina
- Armenia
- Australia
- Barbados
- Canada
- China
- Colombia
- Finland
- Germany
- Italy
- Japan
- Jordan
- Korea
- Malaysia
- Nigeria
- Philippines
- South Africa
- Spain
- Sweden
- Switzerland
- United Kingdom
- USA

15 O-members

- Austria
- Belgium
- Bulgaria
- Cyprus
- Czech Republic
- France
- Iran
- Israel
- Netherlands
- New Zealand
- Norway
- Saudi Arabia
- Serbia
- Singapore
- Thailand

12 Liaisons

- ISO/TC 22, Road Vehicles
- ISO/TC 211, Geographic information/Geomatics
- Global Road Safety Forum (GRSF)
- Global Road Safety Partnership (GRSP)
- World Health Organization (WHO)
- World Bank (WB)
- The International Transport Forum (ITF/OECD)
- International Association of Oil & Gas producers (OGP)
- UN Economic Commission for Europe (UNECE)
- European Transport Safety Council (ETSC)
- The International Road Federation (IRF)
- International Forum for Road Transport Technology (IFRTT)

37 member countries
= 16% global participation



3) ISO 39001

**Title: Road traffic safety (RTS)
management systems – Requirements
with guidance for use**



Good vs. Bad news

Statistics vs. Solutions

Traffic safety background facts



- The global traffic safety situation is a "human catastrophe", with more than **1.3 million fatalities each year** and approx. **20-50 million seriously injured**.
- By 2030, injuries generated within the road transport system will be the 5th most common reason for loss of life (projected by WHO).
- Traffic injuries are the largest cause of mortality in the 10-24 age group (10%) (source: The Lancet).
- There is a lack of systematic work and commitment among organizations that affect the safety of the road transport system.



**GLOBAL STATUS REPORT
ON ROAD SAFETY**
TIME FOR ACTION



The road transport system is an open and complex system...



- Infrastructure
- Vehicles
- Road
- Transportation of goods and passengers
- Road users during the execution of their duties
- Corporations and organizations
- Regulatory framework
- Monitoring
- Etc..



...This is where ISO 39001 helps!

ISO 39001

- Road traffic safety management systems standard



- Based on the **new common MSS template/framework**
- **Integrate** with the **organization's management system**
- **Unique content**
- Is a **requirement standard**
 - for **certification**
- For all **organizations; public and private sector**





ISO:s new framework for future management system standards

- A) structure (clause sequence and titles)
- B) common terms & definitions
- C) identical text

(Subject to ISO/TMB decision and ISO member vote)

Conclusion: great merger of best practices to enable standards writers and subsequently users to work more effectively and integrated with several parallel disciplines of management system standards, e.g. ISO 9001 (Quality) and ISO 14001 (Environment), OHSAS 18001 (Occupational Health and Safety), and ISO 39001 (Road traffic safety), etc.



Clauses – MSS template/framework

Introduction

1. Scope

2. Normative references

3. Terms and definitions

4. Context of the organization

4.1 Understanding the organization and its context

4.2 Understanding the needs and expectations of interested parties

4.3 Determining the scope of the management system

4.4 XXX management system

5. Leadership

5.1 General

5.2 Management commitment

5.3 Policy

5.4 Organizational roles, responsibilities and authorities

6. Planning

6.1 Actions to address risks and opportunities

6.2 XXX objectives and plans to achieve them

XXX=MSS

Clauses – MSS template/framework, cont.

7. Support

7.1 Resources

7.2 Competence

7.3 Awareness

7.4 Communication

7.5 Documented information

7.5.1 General

7.5.2 Create and update

7.5.3 Control of documented Information

8. Operation

8.1 Operational planning and control

9. Performance evaluation

9.1 Monitoring, measurement, analysis and evaluation

9.2 Internal Audit

9.3 Management review

10. Improvements

10.1 Nonconformity and corrective action

10.2 Continual improvement



ISO 39001 (DIS) RTS - Contents



Unique parts (in clause 6 - Planning:

- **6.2 RTS performance factors**

The organization shall identify for use those RTS performance factors including the following:

- risk exposure factors
- final safety outcome factors
- intermediate safety outcome factors

depending on the context (clause 4) of the organization.



ISO 39001 (DIS) RTS - Contents



- **6.3 RTS Objectives and plans to achieve them**

Top management shall ensure that RTS objectives are established and communicated for relevant functions and levels within the organization. These can include RTS targets for final and intermediate outcomes, as well as organizational outputs.

The RTS objectives shall:

- be consistent with the RTS policy
- be measurable (if practicable)
- take account of applicable requirements
- be monitored and updated as appropriate



ISO 39001 (DIS) RTS - Contents



- **6.3 RTS Objectives and plans to achieve them, cont.**

To achieve its RTS objectives, the organization shall determine:

- who will be responsible
- what will be done
- what resources will be required
- when it will be completed
- how the results will be evaluated



ISO 39001 (DIS) RTS - Contents



- **Annex A (informative)** - Guidance on the use of this International Standard
- **Annex B (informative)** – International work relating to road traffic safety management frameworks
- **Annex C (informative)** – Correspondence between ISO 39001:201X; ISO 9001: 2008 and ISO 14001:2004



Possibility of ISO website with additional information

Working group sessions

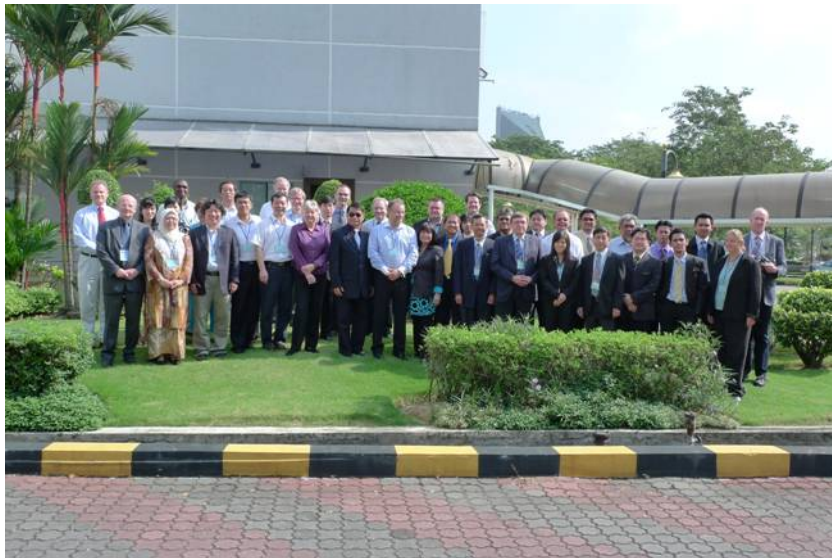


”Reaching
consensus on
key topics”

”Handling of
national
comments of
current drafts”



1st ISO PC/241 meeting
in **Stockholm** June 2008



2nd ISO PC/241 meeting
in **Kuala Lumpur** Feb 2009

3rd ISO PC/241 meeting
in **Ottawa** September 2009



4th ISO PC/241 meeting
in **Beijing** March 2010



5th ISO/PC 241
meeting in **Berlin**
Nov 2010



6th ISO/PC 241 meeting
in **Adelaide** May 2011



ISO 39001 – What next?



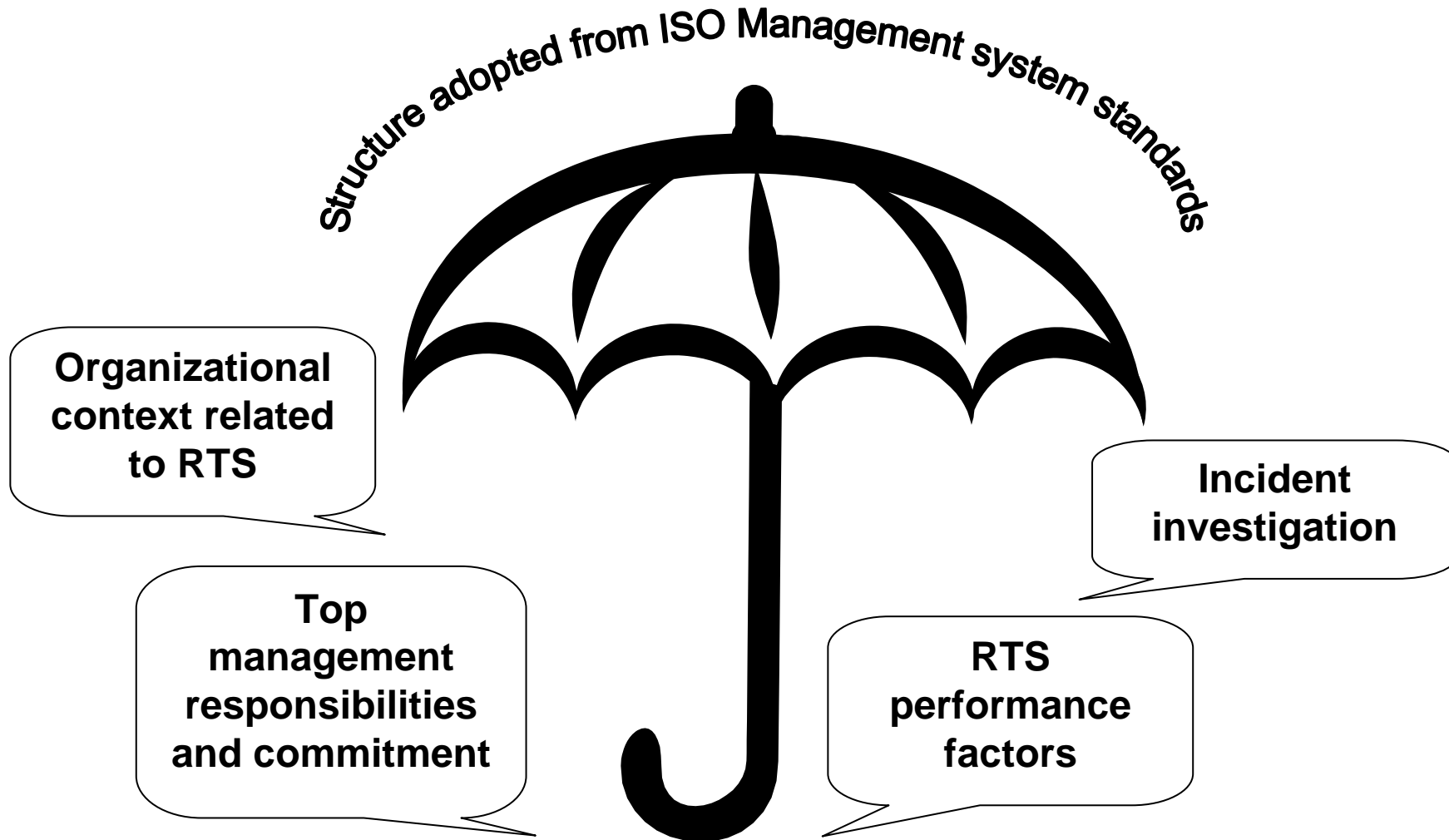
- DIS ballot August-November 2011
 - publicly available
 - pilot cases
- Part of Decade of Action for Road Safety (2011-2020)
- 7th ISO/PC 241 meeting February 2012
- Publication by end of 2012

4) Conclusion:

Overall structure and unique elements of ISO 39001



Structure adopted from ISO Management system standards





4) Conclusion

ISO provides solutions today – for tomorrow's performance

- new ISO 39001 RTS/Road traffic safety
- MSS common template/framework

Join – Care – Share - Apply



Thank you!

For more information about the Road traffic safety project please contact:

PC 241 Secretariat at SIS, Sweden

Secretary Peter Hartzell, peter.hartzell@sis.se

Assistant Anette Eriksson, anette.eriksson@sis.se

Contact your national standards body
www.iso.org/isomembers

