# Activities for Safety Management System in Italy

Cologne,EASA 18th September 2007

Carmela Tripaldi Enac Flight Safety Coordintor

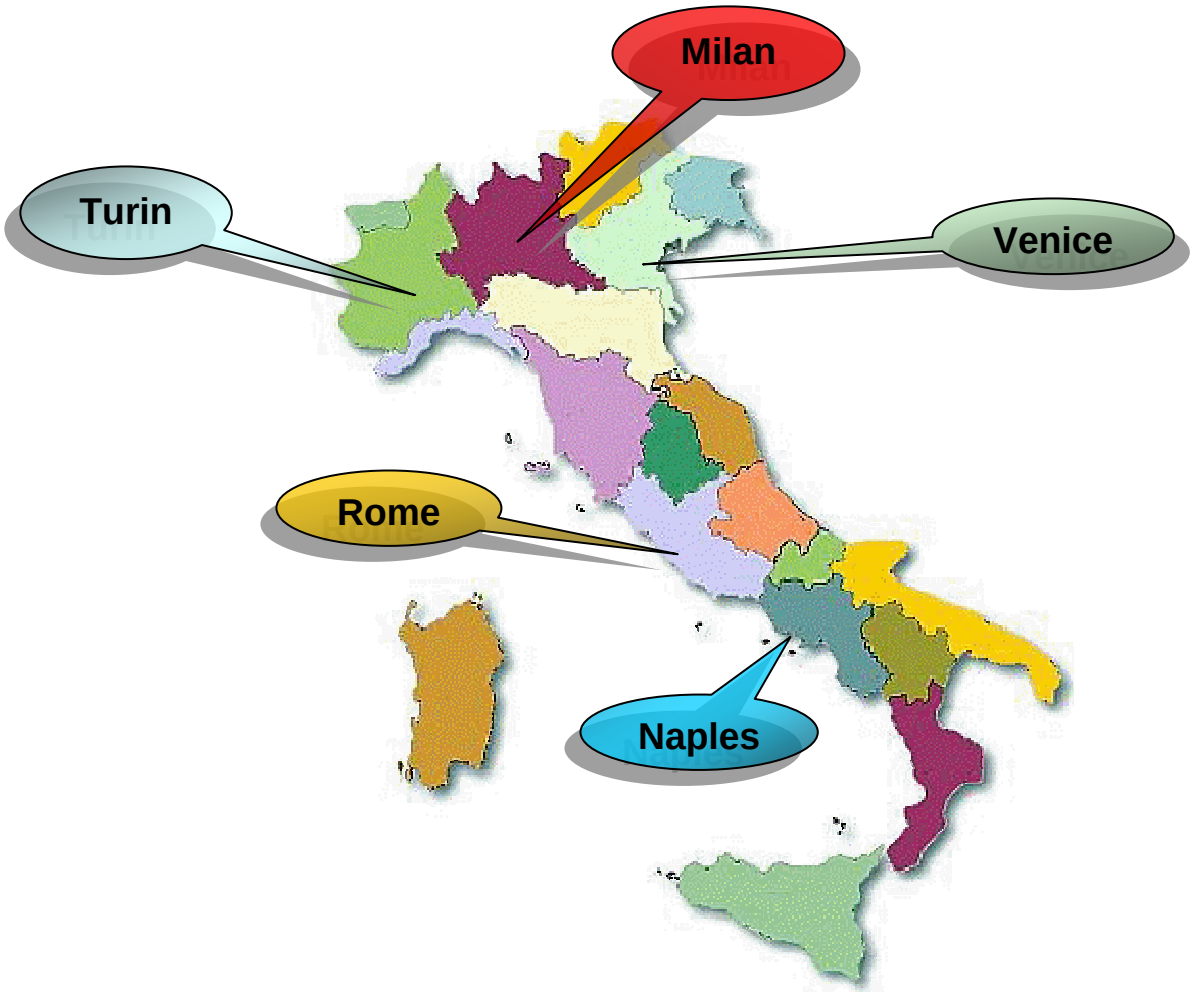
# ENAC Organisation

- 1 Headquater
- 5 Regional officies
- 27 Regional aerodrome officies

# ENAC Headquater

- General Direction
- Safety Regulation Group
- ATM Group
- Aerodrome Group

# Regional Departments



# ENAC prespective

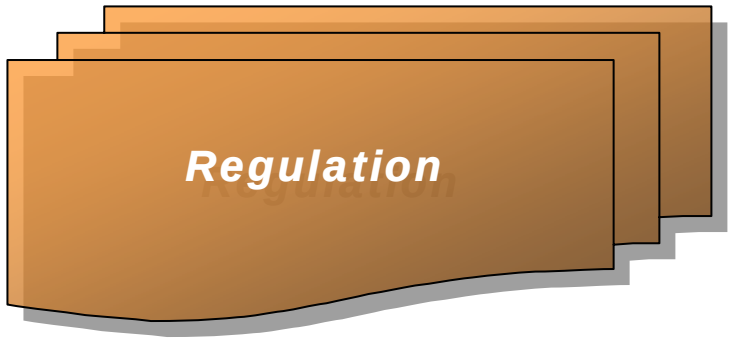
- What is SMS?
  - a systematic approach to managing safety (operational standards, accountabilities, policies and procedures).

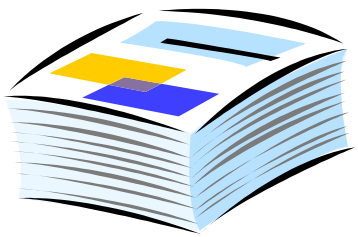
- Who is responsible ?
  - providers are responsible for establishing SMS;
  - authority is responsible of the acceptance and safety oversight.

# Political Background

In force of Law 265/04 ENAC has been empowered to adopt all of the regulations needed to introduce in Italy the standards contained in ICAO Annexes. Formerly ICAO standards were adopted through national laws.

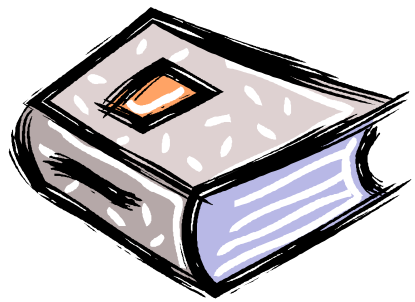
# Rule-making scheme



***ENAC Circulars***

(*issued mainly for interpretative or administrative purpose*)



***ENAC Operational procedures ( Quality Manual)***

# ENAC Rule-making

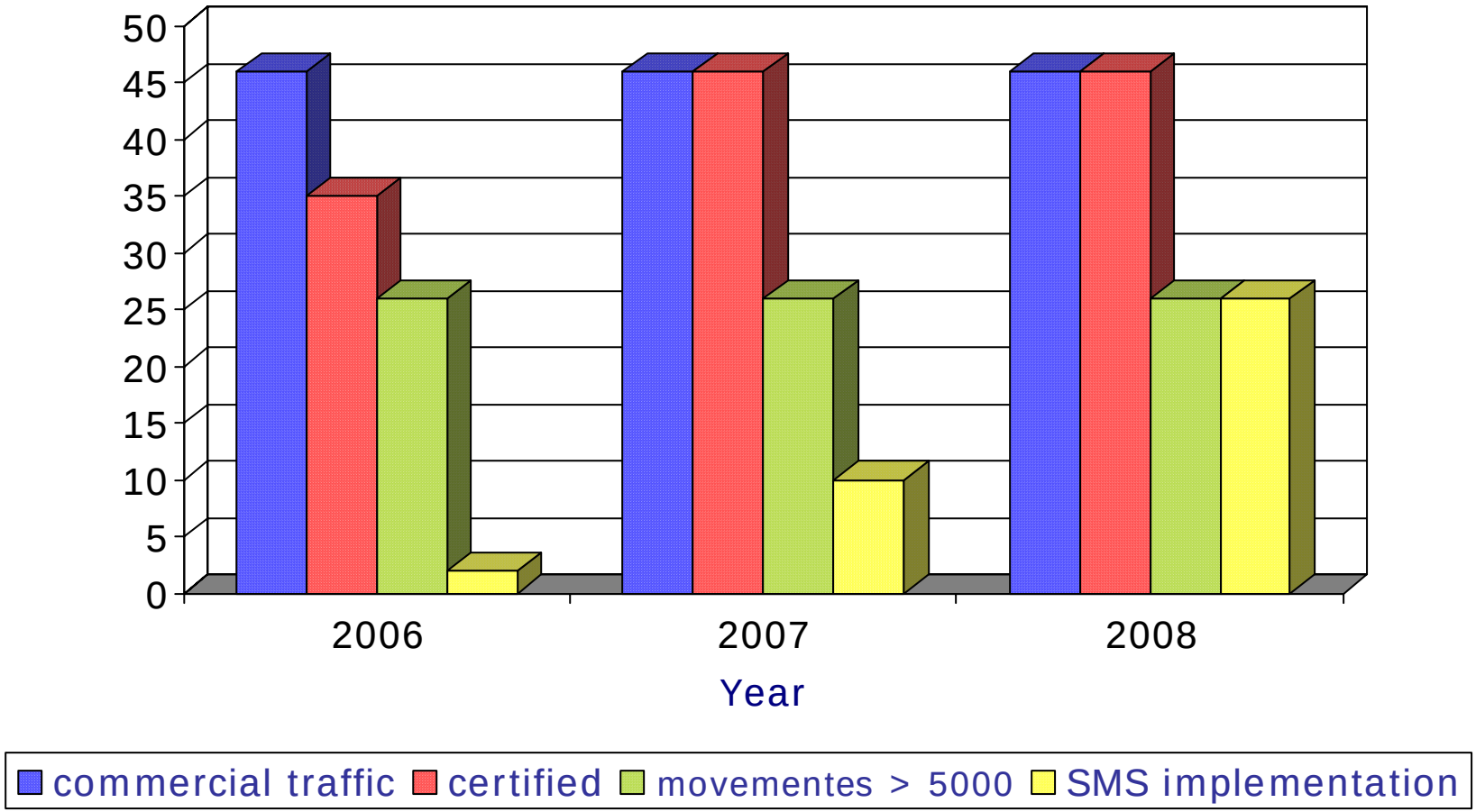
| Icao Annex | Enac Rule | Circulars |
|---|---|---|
| 2 | Rule of the Air | |
| 6 | Certificato Operatore Aereo per imprese di trasporto aereo( COA Rule) | OPV-9A<br>NAV 70 |
| 11 | Rules within 2007 | |
| 14 | Regolamento per la costruzione e esercizio degli aeroporti | APT22/APT24 |
| 15 | Rules started mid june 2007 | |

# Aerodrome: ENAC requirements

Certification → all commercial traffic aerodromes *by october 2003*

SMS implementation → all commercial traffic aerodromes with yearly movements >5000 *by november 2005*

# Aerodromes Status



# Air Taffic Service Provider: ENAC requirements

| | | |
|---|---|---|
| Air Traffic Service Providers | → | 1. ENAV<br>2. Italian Air force |
| Certification | → | ENAV (July 2007) |
| SMS Implementation | → | ENAV on or before 2008 (*status:partially completed )* |

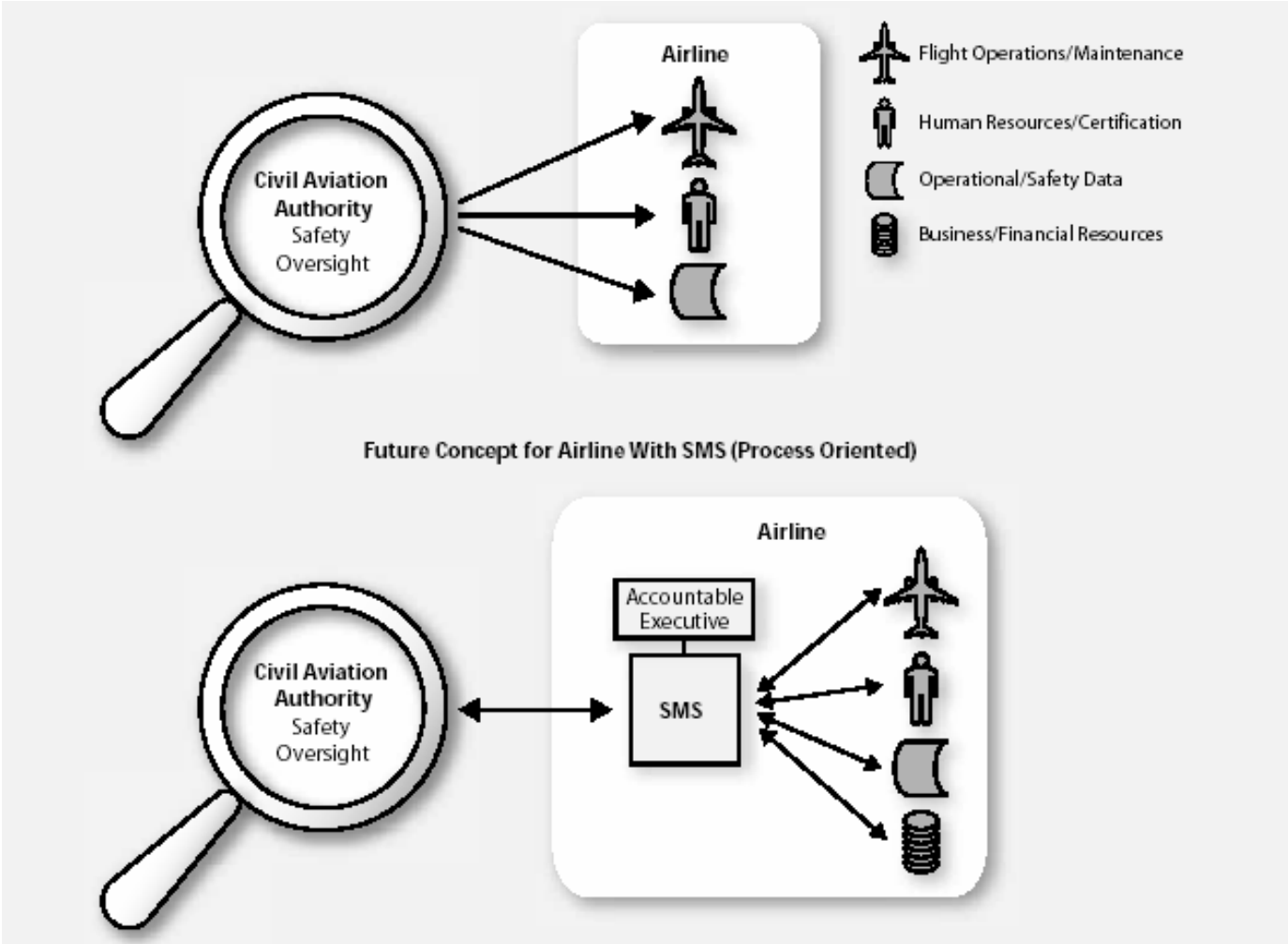
# Operations: ENAC initiative

- ENAC issued, on 1st september 2005, a basic document "***Safety Management System Guidelines***" to introduce Operators to SMS principles.
- ENAC issued, on July 2006 a revision of circular OPV09A to introduce Safety Manager and to promote voluntary SMS implementation on or before 1st January 2009.
- Some workshops were organized with stakeholders to promote "Just Culture" and "SMS" principles.

# Lesson Learn (1)

*"It takes more than*

*standards and regulations to prevent accidents".....!!!!!*



# Lesson Learn (2)

- all operators need “just culture” promotion;
- all need more initiatives to promote *safety data sharing* and no-punitive behaviour*;*
- a successful internal reporting system is strategic;
- the changement have to start by the top management.

# ENAC Implementation Safety State Programme

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# Background

- **Two audience groups:**
  - States
  - Service Providers
- **Two distinct requirements:**
  - State Safety programme
  - SMS
- **Four Areas of interest:**
  - Operation of aircraft
  - Maintenace of aircraft
  - Air traffic services
  - Aerodromes

# As of 23 November 2006

- States shall establish a safety programme, in order to achieve an acceptable level of safety in:
  - The operation of aircraft
  - The maintenance of aircraft
  - The provision of air traffic services
  - Aerodrome operations
- The acceptable level of safety to be achieved shall be established by the State(s) concerned.

# ENAC experience

- On march 2006 the Safety Regulation Group has published the CTN Safety Plan 2006 - 2008 (available on the Internet web site of ENAC www.enac-italia.it).The plan identifies issue to be adressed over the next two years and define the regulatory actions which will be taken.

- On march 2007 ENAC has published the document " State Safety Programme guidelines" , according to ICAO DOC 9859 expectation in order to perform a gap analysis to elaborate Enac State Safety Programme on or before 31 december 2007.

  Six pillars:

  - ➔ Safety regulation
  - ➔Safety oversight
  - ➔Accident/incident investigation
  - ➔Mandatory/voluntary reporting systems
  - ➔Safety data analysis
  - ➔Safety promotion

# CTN Safety Plan 2006-2008 Goals

- To establish a new electronic *mor* scheme (eE-mor) in accordance with the EC 2003/42 Directive on or before december 1th 2007( information are available on the Internet web site of ENAC (www.enac-italia.it);
- To implement on or before september 2007 an internal risk management process in accordance with "*Enac Safety Risk Management* " procedure issued on July 2007;
- To implement by 2005 the "European Action Plan for the Prevention of the Runways Incursions";
- To reduce the rate of helicopters accidents and the fatality risk irrespective of the volume of air traffic within Italy;
- To reduce human factor occurrences in maintenance and operation.

Thank you !