



European Forum
of Road Tunnel Safety Officers
Lyon, 4-5 November 2009



Welcome by ITA – COSUF

D. Lacroix, COSUF Vice-Chairman

COSUF genesis



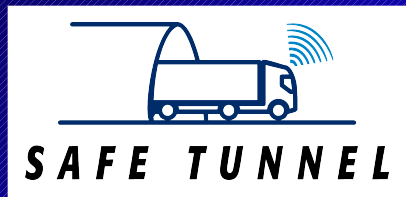
- **8 research projects or thematic networks**
 - funded by the European Commission after the 1999 Mont Blanc and Tauern tunnel fires
 - which run between 2000 and 2008
- **wished to continue and enlarge their activities**
- **and joined ITA to create the ITA Committee on Operational Safety of Underground Facilities (COSUF)**



European research projects / networks

5th Framework Programme

D•A•R•T•S





European research projects / networks

6th Framework Programme



**Large Scale Underground Research Facility
on Safety and Security**



Sixth Framework Programme

Structuring the European Research Area Specific Programme



ITA: International Tunnelling and Underground Space Association

- **Funded in 1974** by 19 nations,
Today : **55 member nations + 280 other members**
- **Main aims:**
 - encourage the use of subsurface
 - promote advances in planning, design, construction, maintenance and safety

➤ **World Tunnel Congresses** (even years)

WTC'10: Vancouver
14-20 May 2010





ITA: International Tunnelling and Underground Space Association

- 12 active Working Groups on specific topics
- 3 Committees:
 - on Underground Space (ITA-CUS)
 - on Education and Training (ITA-CET)

and, since 2005, further to the request of the 8 safety-related European projects :

- on Operational Safety in Underground Facilities (ITA-COSUF)

also supported by PIARC

(through a Memorandum of understanding)

COSUF scope and objectives



➤ Scope

- **Safety** in all kinds of tunnels (road, rail, metro) and other underground facilities
- **in operation** (*construction is excluded*)
- **Security** is considered too

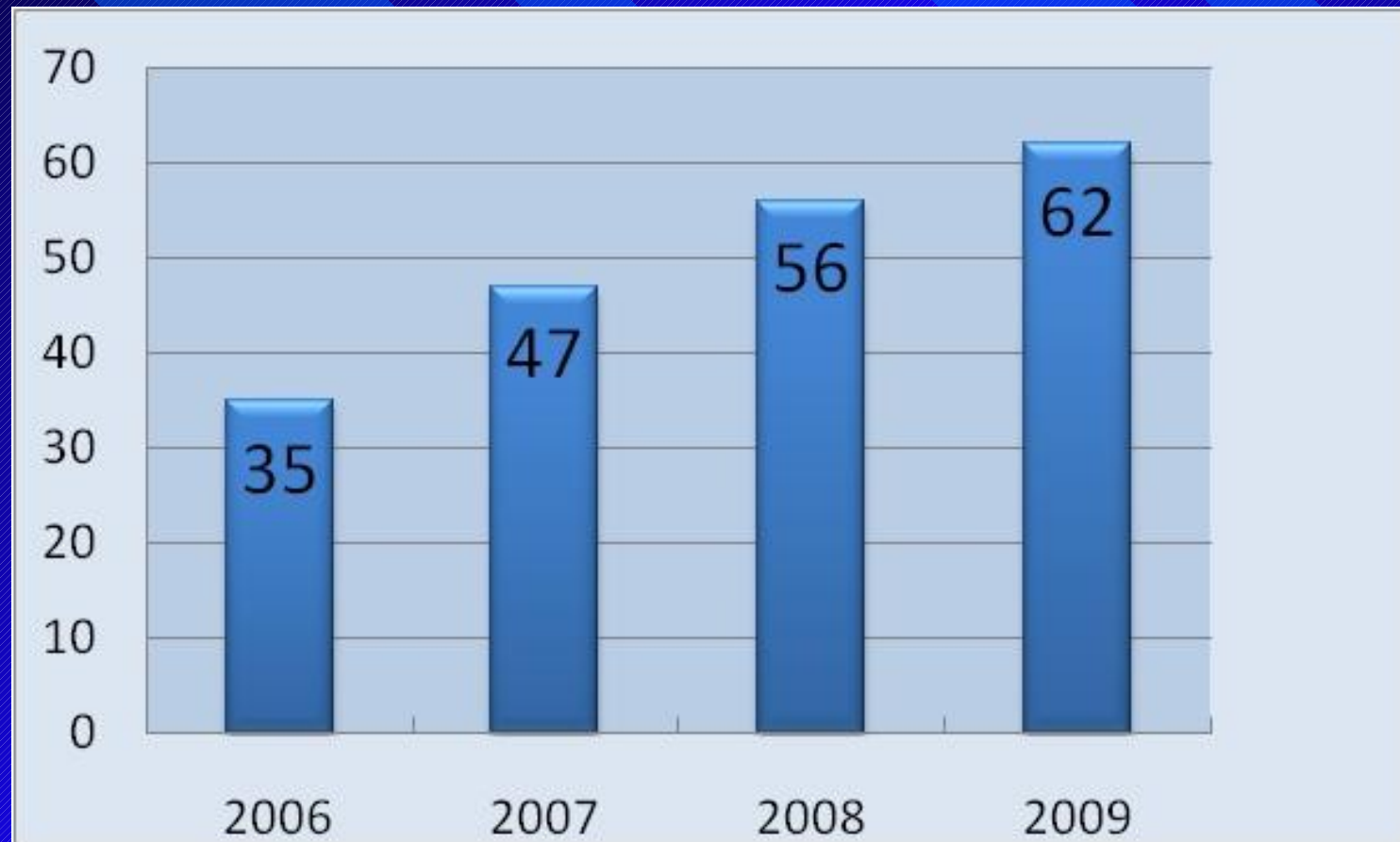
➤ Objectives

- Maintain/develop a network
- Exchange knowledge
- Facilitate cooperation worldwide
- Enhance R&D activities
- Promote underground safety and security
- Support development of improved regulations

Membership



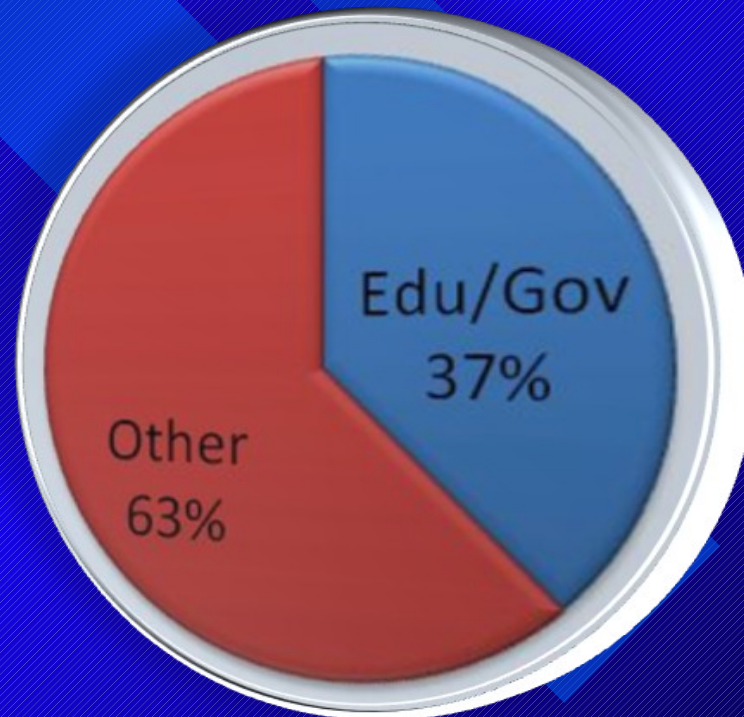
- Open to all corporate organisations / companies



Membership



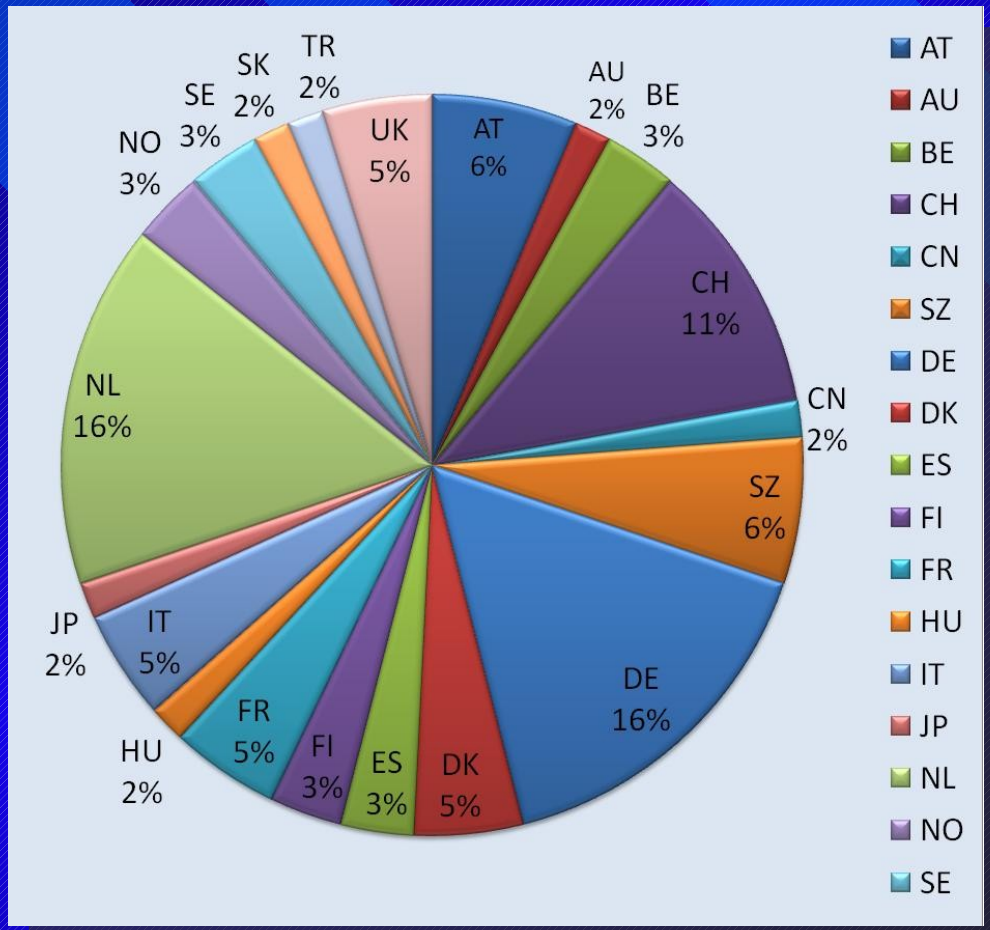
- **Open to all corporate organisations / companies**
- **Annual fee (250 €: public/education, 500 €: others)**



Membership



➤ 17 countries from 3 continents are represented



COSUF organisation



➤ Steering board

- Chairman: Felix Amberg (CH; ITA)
- Vice-chairman: Didier Lacroix (F; PIARC)
- Tutor: Claude Bérenguier (ITA)
- Secretary: Jan Mijnsbergen (NL)
- 9 other members

➤ 3 Activity Groups

(open to all COSUF members; 2 meetings / year)

AG1: Interaction with European and international activities

AG2: Regulations and best practice

AG3: Research and new findings

Main COSUF events (1/2)



➤ Annual Workshop and General Assembly

Open to everybody (*special fee for the event*)

Last workshop (*Budapest, 28 May 2009*):

**Operators and first responders:
an essential part of safety and security
in underground facilities**

Next workshop (*Frankfurt, 16 March 2010*):

Risk and risk analysis (exact title t.b.c.)

➤ Informal workshops for COSUF members only

Next one: **Safety Challenges**

(tomorrow afternoon: you are invited!)

Main COSUF events (2/2)



➤ Specially focused events: **European Forum of Road Tunnel Safety Officers**

Felt as **a need** by COSUF Steering Board
and PIARC C4

- to bring first answers to questions raised by many SOs
- to give the opportunity to create a European community of road tunnel SOs
- to foster exchanges between SOs and with COSUF and PIARC

A joint venture of **COSUF and PIARC**
with the participation of the **European Commission**

Made possible by **Alain Picard (SAPRR)** and
Marc Tesson (CETU) who worked a lot to prepare it...

in a World Heritage site...



Thank you for your attention!