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
SAFE TUNNEL
European Thematic Network Fire in Tunnels
Safe T
VIRTUAL FIRES
Sirtaki
European research projects / networks

6th Framework Programme

L-surf

Large Scale Underground Research Facility on Safety and Security

Structuring the European Research Area Specific Programme
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 (every year)
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 Chart]

<table>
<thead>
<tr>
<th>Year</th>
<th>Members</th>
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<tbody>
<tr>
<td>2006</td>
<td>35</td>
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<td>2007</td>
<td>47</td>
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<tr>
<td>2008</td>
<td>56</td>
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<td>2009</td>
<td>62</td>
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Membership

- Open to all corporate organisations / companies
- Annual fee (250 €: public/education, 500 €: others)
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*)
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...
Thank you for your attention!

in a World Heritage site...