



Report of Activity

25 Sept. 2009 – 28 May 2010

Andre ASSIS Chairman of the Executive Board

**Updated after ITA General Assembly 2010 for Council of
Foundation June 22nd, 2010**

- Officially created on September 25th, 2009 following the report presented and accepted during the ITA General Assembly 2009
 - Foundation website: www.foundation.itacet.org
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- Main objective is to encourage the Education and the Professional Training of specialists in Underground Space Use for the benefit of the emerging countries

Main Founders

- **Abdullah Al-Mogbel (Saudi Arabia)**
- **CUC (Switzerland)**
- **Dar El-Handasah (Egypt)**
- **GEODATA (Italy)**
- **HERRENKNECHT (Germany)**
- **ITA**

Founders

- **Brazilian Tunnelling Committee (NM Brazil)**
- **D2 Consult (Austria)**
- **GEOTECHMIN (NM Bulgaria)**
- **ITA Austria (NM Austria)**
- **LEOBEN University (Austria)**
- **Ricky P. LOVAT (Canada)**
- **NV BEKAERT (Belgium)**

Main Donors

- **AL-AJMI (Saudi Arabia)**
- **SAPAC (Saudi Arabia)**

Donors

- **SIG (NM Italy)**
- **AFTES (NM France)**

Benefits for Donors

- **To be recognized among the Training Community on Underground Space use**
- **To received a certificate of Donor**
- **To seat in the Council of Foundation (under conditions)**
- **To organize Training Sessions**
- **To participate to ITA-endorsed Master Courses**

- Council of Foundation
- **Abdullah Al-Mogbel (Saudi Arabia), President**
- **Piergiorgio GRASSO (Italy), Vice-President**
- **Felix AMBERG (Switzerland), Secretary**
- **Martin HERRENKNECHT (Germany)**
- ***In-Mo LEE (Korea)***
- **Sherif WISSA AGAIBY (Egypt)**

- Executive Board
- **Andre ASSIS (Brazil), Chairman**
- **Claude BERENGUIER (France), Executive Director**
- **Daniele PEILA (Italy), Technical Director**
- **Bettina MONNIER-GUGGER (Switzerland), Executive Secretary**
- **Joseph PUGNOT (Switzerland), Treasurer**

- Committee of Surveyors
- **Koichi ONO (Japan)**
- **Sebastiano PELIZZA (Italy)**
- **Raymond STERLING (USA)**

ITACET Foundation is to be developed into a Centre of Excellence for Education and Training on Tunnelling and Underground Space Use

The Foundation fulfils its mission by notably finance, organise and sponsor:

- Specialised Training Sessions
- Certificate courses in establishments of Higher Education
- Certified trainee programmes for Professional développement
- Creation of International Recommendations, Guidelines and Standards for quality in Education and Training actions

(Slide to be updated with ITA)

WG 18 : Training

Chaired by Daniele PEILA (Italy)

- **To coordinate the exchanges among the members**
- **To establish the contents and requirements of the Master courses endorsed by ITA**
- **To disseminate training and educational materials**

Committee on Education and Training and Working Group Training Chaired by Andre ASSIS (Brazil)

- **ITA-endorsed Master Courses**
- **Short Courses for Young Professional**
- **National and Regional Workshops**
- **Training Material from the Working Groups results on the ITA Website**

- **Mechanized Tunnelling**
- **Conventional Tunnelling**
- **Sprayed Concrete**
- **Health and Safety during Construction and Operation**
- **Risk Management**
- **Waterproofing**
- **Operational Safety**
- **Immersed Tunnels**
- **Utility Tunnels in Cities**
- **Design for Tunnelling**
- **Monitoring and Control**
- **Tunnelling Innovation**
- **Maintenance and Repair**)
- **Geo investigation**) **Under preparation**
- **Numerical Simulation**)

- Workshop and Training Session in Riyadh (Saudi Arabia) – 6-9 December 2009 on “Tunnelling in hot climate conditions”
- Vancouver (Canada) - 14-15 May 2010 on “General Tunnelling”

- 21 lectures on “General aspects for Tunnelling” during 2 days (17 teaching hours)
- 195 participants from 32 Countries including 85 from Canada – 45 from USA

- **Abu Dhabi – October 2010: Training Session on “Immersed Tunnels”**
- **Sochi (Russia) – October 2010: Workshop on “Conventional Tunnelling”**
- **Buenos-Aires – October 2010: Training Session on “Construction Methods”**
- **Bangkok – November 2010: Training Session on “Tunnel design, instrumentation and risk management”**
- **Kuala Lumpur (Malaysia) – 27-28 February 2011: Training Session on “Design for Tunnelling”**
- **Helsinki (Finland) – 20-21 May 2011: Training session on “Holistic Approach for use of wet sprayed concrete for rock support” during WTC 2011**

Other expected Training Sessions (Bahrain and India) and workshops (Singapore, Brazil and Peru)