

ITACET Foundation

Activity Report

April 2012

Claude BERENGUIER Executive Director

- Created on September 25th, 2009 following the report presented and accepted during the ITA General Assembly 2009
 - Foundation website: www.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)
- BASF (Switzerland)
- Italconsult (Italy)
- Many lecturers: C.Ingerslev, H.de Witt, I.Lee, S.Eskesen, L.Babendererde, H.Wagner, F.Amberg, P.Reinke, H.Russell, N.P.Hoj, Y.Bai, Fu de Ming, G.Bracher, O.Vion, P.Grasso, V.Wetzig, D.Lamont, M.Vogel.

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**
- **Jeannette SCHÄRLI (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 for Professional Education
- Certificate courses in establishments of Higher Education
- Certified trainee programmes for Professional développement
- Creation of International Recommandations, Guidelines and Standards for quality in Education and Training actions

ITA Committee on Education and 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**
- **Management of User Safety**
- **Immersed Tunnels**
- **Utility Tunnels in Cities**
- **Design for Tunnelling**
- **Monitoring and Control**
- **Tunnelling Innovation**
- **Maintenance and Repair**
- **Numerical Simulation**
- **Underground Space use**
- **Innovations in Tunnelling**

Sponsorship to Students for postgraduate Master Courses

Foundation sponsored tuition fees for three students coming from:

- Indonesia in Italy (Politecnico di Torino)
- Turkey in France (INSA and ENTPE)
- Nepal in Switzerland (EPFL)

- **Riyadh (Saudi Arabia) – 6-9 December 2009 on “Tunnelling in hot climate conditions”**
- **Vancouver (Canada) - 14-15 May 2010 on “General Tunnelling”**
- **Abu Dhabi (Emirates) – October 2010: Training Session on “Immersed Tunnels”**
- **Buenos-Aires – October 2010: Training Session on “Construction Methods”**
- **Bangkok (Thailand) – 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**
- **Hagenberg (Austria) – 14-15 July 2011: Training Session on Numerical Simulation**
- **Shanghai (China) – 8-9 October 2011: Training Session on Safety aspects of Tunnel Operation**
- **Kathmandu (Nepal) – 9-10 December 2011: Seminar on Sprayed concrete in Tunnelling under Himalayan conditions**
- **Pnomh-Penh (Cambodia) – 14 December 2011: Seminar on Tunnelling and Underground Space Technology**
- **New Delhi (India)– 20-21 February 2012: Training Session on Health and Safety in Tunnels**
- **Riyadh (Saudi Arabia) – 25-26 March 2012 on Safety on Operation in Road and Railway Tunnels**

- **Roma (Italy) – 13-14 April 2012 on Mechanized Tunnelling in Urban Areas**
- **Santiago (Chile) – 26-27 March 2012 on Tunnelling and Shotcrete Technology**
- **Bangkok (Thailand) - 18-19 May 2012 on Tunnelling in Urban Areas (WTC 2012)**
- **Belo Horizonte (Brazil) – August 2012 on Tunnelling and Shotcrete Technology**
- **Singapore – November 2012 on Underground Space use**
- **Shanghai (China) – 9-12 November 2012 on Risk Management and Safety issues during Design, Construction, Operation and Maintenance**
- **Kathmandu (Nepal) – December 2012 on Tunnel investigation, Design and Construction**
- **Geneva – May 2013 on Ground Improvement for Tunnelling (WTC 2013)**
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Other expected Seminars For Continuing Education in Abu Dhabi, Bahrain, Peru,...