

1. PRESENTATION

Leonardo CORBO

In 1965 entered the Italian National Corp of Fire Fighters successively covering the role of Commander in the provinces of Sondrio, Lucca, Como and Milan. Awarded in 1987 with the Culture Prize, given by the Presidency of the Council of Ministers for his activities as teacher and illustrator of technical regulations in fire prevention. From 1991 to 1994 he was **Regional Inspector** of the Fire Department for Lombardy. From 1994 to 1997 he was appointed first degree **Prefect of the Italian Republic** and simultaneously **General Director** of Civil Protection and Fire Fighting Services. In 1997 joined the Inspection Committee for the Italian the Home Office. In 1999 appointed **Director of the First Department** of Land Protection for the Province of Rome.

1.1 TEACHING

Professor - Director of the 1st course of analysis of relevant risks associated with certain industrial activities for technical officials of the National Corps of Fire Fighters
Professor of Fire Prevention and Environmental Safety at the Postgraduate School of the University La Sapienza (Rome).

Professor of Fire Prevention and Civil Defense at the Politecnico di Milano - Faculty of Architecture for 10 years.

1.2 COURSES AND EXPERTISE

- Registered as specialized professional for activities subject to fire prevention inspections in the registry of the Home Office (Official Gazette 25/09/1995 n. 115, law 07/12/1984 n. 818) with the code RM 29556103140
- Member of the Regional Register of independent external professionals for valuation and appointment of ad acta commissioners regarding planning and building (B.U.R.L. n. 36 of 29/12/2001)
- Course in hospital building (Faculty of Engineering at the University of Rome "La Sapienza")
- Course in safety engineering (Faculty of Engineering at the University of Rome "La Sapienza")
- Course in safety in temporary and mobile construction sites D.L. 494/96 (Order of Professional Engineers Of the Province of Rome)
- Course in protection, safety and health of workers - D.L 626/94
- Course in Eurocode 7 - Geotechnical design principles, applications and comparison with the Italian code (Order of Professional Engineers Of the Province of Rome)
- Course in introduction to arbitration held by the Institute for the Study and Diffusion of Arbitration and International Commercial Law.

1.3 GROUPS OF INSTITUTIONAL WORK

- President of the Italian Delegation for the Italian-French Working Group for the development and construction of the high speed railway line between Turin and Lyon.
- **Member of the Commission appointed by the Ministry of Public Works for the drafting of safety standards in road tunnels.**
- Member of CTIF (Technical Committee on Fire Rules).
- Member of the National Fire Protection Association (USA)
- **President of the Italian Center of cooperation and friendship with Arab countries and the Mediterranean Region "ASSADAKAH".**

“ASSADAKAH” is an Italian-Arab non-profit organization based in Rome, to promote cultural exchanges, political, and economic relations between Italy, the Arab and Mediterranean countries. The association organizes meetings, conferences, studies, promotes initiatives, creates contacts and supports projects aimed at mutual understanding and interchange. Part of this Center are Arab journalists, academics and Italian intellectuals, parliamentarians and politicians. The Center publishes the monthly magazine "Assadakah, a window on the Mediterranean" and has also a website (www.assadakah.it).

“ASSADAKAH WELCOMES THE NEW PRESIDENT CORBO LEONARDO

by Gabriel Mattioli Founder of Assadakah

Friday, October 18, 2002 the Extraordinary Meeting of Assadakah, gathered in the presence of the Secretary and the Founding Members has unanimously elected to the Presidency of the Italo Arabic Mediterranean Center the Prefect Engineer Leonardo Corbo.

Our new President well represents these concepts: Leonardo Corbo is a person of unquestionable value and professionalism, a technician and a manager of planning and public facilities, for five years General Director of Civil Protection, renowned teacher and journalist in a field of the most complex and problematic activity, representative of the institutions and civil society, a person out of the banality and pettiness of small political and therefore extremely suitable to represent the characteristics of concreteness and seriousness that the activity of even a modest reality as Assadakah wants to show in the Euro-Mediterranean relations.”

1.4 POSITIONS HELD

- Member of the Superior Council of Public Works
- Active member of the committee responsible for the technical and fire safety evaluation of projects for the New Convention Center EUR - EUR Customer S.p.A.
- Member of the Commission for the removal of architectural barriers of sports facilities of the Provincial Administration of Rome
- Member of the Commission for Safety and Prevention of the Craftsmen Association of the Province of Milan
- Member of the Special Investigation Team for the fire and the sinking of the cruise ship "Achille Lauro"
- As Director of the 1st Department of the Provincial Administration of Rome has validated the fire design for 354 schools run by CONSIP

1.5 ADVICE AND PLANNING ON FIRE PREVENTION

Leonardo Corbo as TECHNICAL DIRECTOR of GTP srl has directed the programming, planning and management of the following works:

- **ECOMAG SRL** - Professional assignment for the steps necessary to obtain the CPI (Fire Prevention Certificate)
 - International Hotel Bologna
 - Hotel Carlton Bologna



Fig. International Hotel (BO) - especially EU

- **P.O. of Chieti** - Professional assignment for the steps necessary to obtain the CPI (Fire Prevention Certificate)
- **HOSPITAL "Ospedale CIVILE DI BRESCIA"** – Designing of the fire prevention project, technical report with identified fire hazards and environmental conditions, qualitative risk assessment, fire prevention strategy, risk compensation and emergency management for the "Ospedale Civile" Montichiari – Brescia



Fig. P.O. Montichiari – Brescia

- **University Hospital Biomedical Campus** – Consultant for the release of the C.P.I. (Fire Prevention Certificate) for the new "Biomedical Campus" Trigatoria (Rome)



Fig. Biomedical Campus - Trigatoria (RM)

- **ITALY HINES SGR SPA** - Fire prevention consultant urban requalification project Porta Nuova in Milan:

- Garibaldi Complex Republic: Unicredit Tower (A-B-C) - E1 / E2 buildings - Corso Como - Podium



Fig. Porta Nuova Garibaldi – Milano

- Complex Varesine: Offices - Residential - General Interest – Garages

- **PRELIOS SGR SPA** - Professional assignment for the steps necessary to obtain the CPI (Fire Prevention Certificate) and Technical Director for the following properties of “Prelios Property”:

- Building used as offices located in Rome | Via Colombo 80



Fig. Prelios Property - Via C. Colombo 80 | Roma

- Building used as offices located in Rome | Via Seraphic 200



Fig. Prelios Property - Via the Seraphic 200 | Roma

- Building used as offices formerly used by Olivetti in Ivrea called PU1
- Building used as offices formerly used by Olivetti in Ivrea called PU2
- Former Real estate complex formerly used by Olivetti in Bitritto (BA)
- Commercial Center "La Rinascente" located in Rome, Via del Tritone
- NAM - New Market Area located in Via P. Canali 1, Bologna

- **Alda Fendi Foundation - Agrippina srl** - Administrative and Technical check for facilities and equipment, Fire Prevention project and preparation of Technical documentation for the Multipurpose Center located in Rome - Via del Velabro 9



Fig. Multifunctional Center located in Rome - Via del Velabro 9

- **CONDOTTE SPA** – Consultant for fire prevention for the New Convention Centre at Eur called "Nuvola"



Fig. New Convention Center of Rome

- **MINISTRY OF ECONOMY AND FINANCE** - Professional assignment for the steps necessary to obtain the CPI (Fire Prevention Certificate) and Technical Director for the following properties owned by the Ministry:

- Consultant for the Fire reorganization project for the “Palazzo Via XX Settembre”, Rome



Fig. Palace Via XX Settembre – Rome

- Consultant for the Fire reorganization project for the headquarters of the Ministry of Economy and Finance of Piazza Dalmatia, 1 - Rome;

- Consultant for the Fire reorganization project and preparation of technical documents for the archive of the Ministry of Economy and Finance via Ungarelli, 13 – Roma

- Consultant for the Fire reorganization project for the property used to store paper in Castelnuovo di Porto (RM)

1.6 ADVICE AND PLANNING ON FIRE PREVENTION

Leonardo Corbo as **TECHNICAL DIRECTOR** of **GTP** srl has directed the programming, planning and management of the following works:

- **PRELIOS SGR SPA** - Professional assignment for the steps necessary to obtain the CPI (Fire Prevention Certificate):
 - Residential buildings, former Olivetti Center - Bitritto (BA)
 - Residential buildings, former Olivetti Center PU1 and PU2 - Ivrea (TO)
 - Former Industrial Complex “Olivetti” - Scarmagno (TO)



Fig. – Residential buildings, former Olivetti Center - BITRITTO (BA)



Fig. - Former industrial Complex “Olivetti” - Scarmagno (TO)



Fig. - Former Olivetti Complex PU2 - IVREA (TO)

- **ADR SPA** - "Leonardo da Vinci" airport, Rome - Terminal 3 - Fire: emergency intervention to verify the existing fire prevention measures in the area affected by fire
- **COMPANY PROJECT** - Professional assignment for the steps necessary to obtain the CPI (Fire Prevention Certificate) for commercial activities located in the Palermo Airport.
- **PSC RAILWAY SPA** - professional assignment to adapt and reorganize local Fire safety rules for the rooms, offices and control room of Rome Termini railway station in order to obtain the C.P.I. (Fire Prevention Certificate)

1.7 TESTING COMMITTEES

- President of **High Speed Inspection Commission** for the railroad line Bologna-Florence. Assignment for technical and administrative testing of the works and the release of associated certificates.



Granter: RAILWAYS S.p.A.

Authority: TRENO ALTA VELOCITA' TAV S.p.A.

High Security: ITALFERR S.p.A.

General Contractor: Fiat S.p.A.

Design and Deployment: Consortium CAVET among Impregilo S.p.A., CMC S.c.a r.l., Maire Engineering S.p.A., C.R.C.P.L.

The high-speed train project intends to quadruple the most congested lines, is technologically advanced and represents an overall enhancement of the existing network. The overall development of the route (km 4 + 884 ÷ 366 + 83 km) is made of 78 482 meters, 71 831 of which are in tunnels (for a total of 9), 1,177 are on bridges (for a total of 11) and 5,474 meters on existing railways.

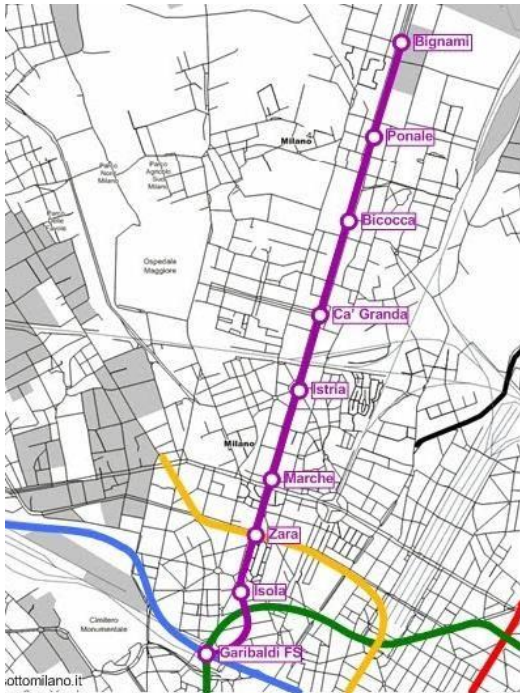
The new line, a entirely new variation on the old line, links to the north with the existing line through St. Ruffillo near the homonymous station, and to the south directly into the Florence Castle station that is about 5 km from the Florence

station of S. Maria Novella.

The Bologna-Florence is a strategic segment of the national rail network and concentrates in a few kilometers a large number of challenging tasks.

This work is, in size, complexity and financial commitment is a unique work in the Italian scenario and is certainly of global significance. This work, apart from the technical problems of crossing land, the length of the tunnels, including the contractual aspects for a work of such high dimensions, required a thorough examination from every side.

- Member of the Commission for technical-administrative tests for the works of **Metro Line 5 of Milan Garibaldi-Bignami**, including the release of the associated certificate.



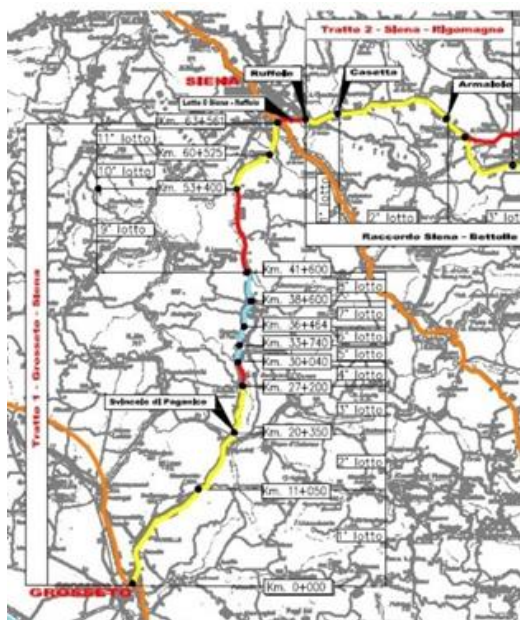
Granter: CITY OF MILAN

Contractor: METRO 5 S.p.A.

High Security: METROPOLITANA MILANESE S.p.A.

Design and Deployment: METRO 5 S.p.A.

- Responsible for technical-administrative tests during the construction of **S.G.C. E78 Grosseto-Fano, Trunk GROSSETO SIENA Lot 10 from km. 53 + 400 to km. 60 + 525**



Granter: Province of Siena

Authority: ANAS S.p.A.

Design: Ass.ne Hydroarch / DHV

Contractor: CORPORATE S.p.A.

- President of Test Commission for **A1 freeway, Orte Treats Fiano: Nazzano Tunnel**

1.8 SAFETY COORDINATOR

- Construction of the **New Officers School** in Florence - Location Castello
- Remodeling of **Gregorian house** – Quirinale

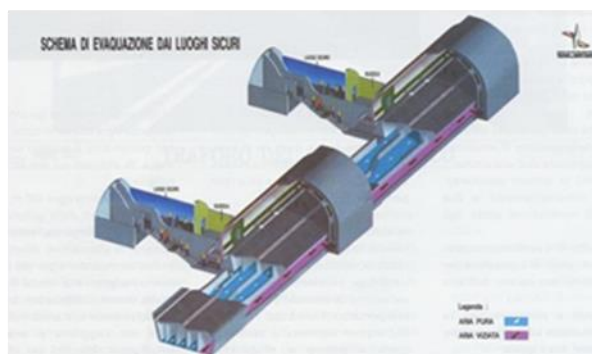
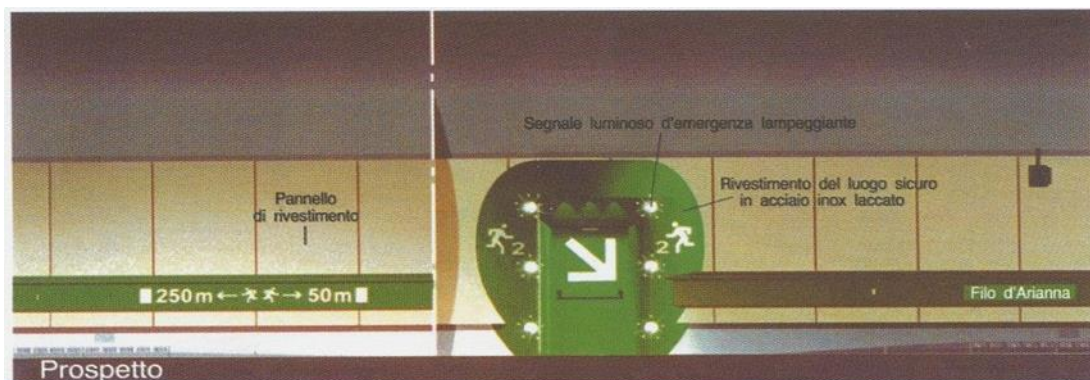
- Renovation and safety of the **Mont Blanc Tunnel**;

After the accident in the Mont Blanc tunnel on 3/24/1999, the safety of the road tunnel has become a priority, both at national and European level.

By the end of 1999, the Italian government decided to significantly strengthen the safety requirements applicable in Italy with the protocol n.7938 December 6, 1999 of the Ministry of Public Works on traffic safety in road tunnels on the national network. The program of work of renovation and safeguarding of the gallery, established by the Intergovernmental Commission of the tunnel control and its technical body, the Safety Committee, expressed the common will of the Italian and French governments and has been implemented between 2000 and 2002 in compliance with all the requirements contained therein.

On February 16, 2000 Ing. Leonardo Corbo was appointed Coordinator for the planning and execution of the restoration and strengthening of the security levels of the Mont Blanc Tunnel, together with the assignment of technical assistance to the Company (SITMB) against external entities (French judiciary, insurance, etc.). The assignment was certified and acquitted until the conclusion of the work and the removal of the construction site.

On 26 November 2001, Ing. Leonardo Corbo was also appointed Technical Consultant of the dispute relating to the fire tunnel.



- Restructuring **Underpass Castel Sant'Angelo** – Rome

1.9 EXPERT FOR FIRE INVESTIGATION

- Teatro Petruzzelli, Bari
- Teatro La Fenice in Venice
- Mont Blanc Tunnel
- Palazzo Reale of Turin
- IPLOM Raffinerie in Busalla (GE)
- Technical Expert of the Court of Rome for the construction of 10 sewage treatment plants for waste water area of Naples
- Technical Expert for ENEL Production S.p.a to build photovoltaic plant c / o the CIS of Nola(NA).

1.10 OTHER ASSIGNMENTS

RFI TECHNICAL AND ADMINISTRATIVE CONSULTANT FOR HIGH SPEED LINES MILAN-NAPLES, BOLOGNA-FLORENCE.

ROME AUDITORIUM RISK ANALYSIS FOR SAFETY AND FIRE PREVENTION

OPERA ROMA RISK ANALYSIS FOR SAFETY AND FIRE PREVENTION

ERICSSON TLC RISK ANALYSIS FOR SAFETY AND FIRE PREVENTION

MINISTRY OF INFRASTRUCTURE AND TRANSPORTATION COORDINATOR OF SAFETY DLGS.494 EX / 96

AUTHORITY TO PUBLIC WORKS LAZIO COORDINATOR OF SAFETY DLGS.494 EX / 96 (BARRACKS CAVOUR - BARRACKS TOR DI QUINTO - HOSPITAL

MINISTRY OF PUBLIC WORKS - UNDERPASS LUNGOTEVERE IN SASSIA - PARKING RAMP GIANICOLO – EDIFICIO GREGORIANO)

TUNNEL DEL MONTE BIANCO SPA EXPERT FOR FIRE INVESTIGATION ON THE FIRE ACCIDENT; COORDINATOR OF SAFETY IN THE DESIGN PHASE OF RECONSTRUCTION 494/96, MONT BLANC TUNNEL WORKS

IRICAV CONSORTIUM SAFETY COORDINATOR IN THE DESIGN PHASE 494/96 (GALLERY MONTE ALBANO)

MUNICIPALITY OF CAGLIARI ANALYSIS OF FIRE PREVENTION AND SAFETY COORDINATOR IN THE DESIGN PHASE 494/96 (NEW THEATRE)

MUSI.NET S.P.A. COORDINATOR OF SAFETY IN DESIGN PHASE 494/96 (TUNNEL OF FREJUS)

ALPE TUNNEL RISK ANALYSIS FOR THE FEASIBILITY OF RAILWAY LINE TURIN-LYON

BARI MUNICIPALITY RISK ANALYSIS AND FIRE PREVENTION OF THEATRE PICCINNI BARI

IMPREGILO RISK ANALYSIS FOR SAFETY AND FIRE PREVENTION FOR THE NEW FAIR – MILAN

ENEL S.P.A. FIRE PREVENTION PLANNING FOR TWO PLANTS IN CENTRALE TERMOELETTRICA OF TORREVALDALIGA -Nord

ENEL S.P.A. SAFETY, RISK ANALYSIS AND FIRE PREVENTION THEATRE G.VERDI BRINDISI

MINISTRY OF ECONOMY AND FINANCE RISK ANALYSIS FOR SAFETY AND FIRE PREVENTION

ITALY HINES SGR SPA - FUND NEW PORT GARIBALDI (MI) Professional assignment for the steps necessary to obtain the CPI (Fire Prevention Certificate) FOR THE GARIBALDI-REPUBLIC COMPLEX (MI)

ITALY HINES SGR SPA - FUND NEW PORT GARIBALDI (MI) Professional assignment for the steps necessary to obtain the CPI (Fire Prevention Certificate) FOR VARESE COMPLEX(MI)

TOWN OF Milan: TEST INSPECTOR METRO LINE 5 - LOT 3

PRELIOS S.P.A. CONSULTANT FOR SAFETY AND FIRE PREVENTION FOR THE NEW "La Rinascente" ROMA

PRELIOS S.P.A. CONSULTANT FOR SAFETY AND FIRE PREVENTION BUILDING USED AS OFFICES FOR OVER 500 PEOPLE - OLIVETTI EX – IVREA

PRELIOS S.P.A. CONSULTANT FOR SAFETY AND FIRE PREVENTION BUILDING USED AS OFFICES FOR OVER 500 PEOPLE - FORMER CREDITO FONDIARIO – ROME

PRELIOS S.P.A. CONSULTANT FOR SAFETY AND FIRE PREVENTION BUILDING USED AS OFFICES FOR OVER 500 PARTICIPANTS - VIA DEL SERAFICO 200 – ROMA

ERICSSON TLC CONSULTANT FOR SAFETY AND FIRE PREVENTION OFFICE WITH OVER 500 PARTICIPANTS

1.11 PUBLICATIONS

Norme di prevenzione incendi | Il Sole 24Ore Editore

Manuale di prevenzione incendi nell'edilizia e nell'industria | Il Sole 24 Ore Editore – 14[^] ediz. 2010

Edifici Civili | Il Sole 24 Ore Editore – 2[^] ediz.

Autorimesse | Il Sole 24Ore Editore

Edilizia scolastica | Il Sole 24Ore Editore

Edilizia Alberghiera | Il Sole 24Ore Editore

La progettazione antincendio | Il Sole 24Ore Editore - 5[^] ediz. 2001

Prontuario sicurezza e protezione nell'ambiente di lavoro | Il Sole 24Ore Editore –4[^] ediz.

Esame per la licenza di fochino (Manipolazione degli esplosivi) | Il Sole 24Ore Editore

Prodotti petroliferi | Il Sole 24 Ore Editore – 2[^] ediz.

Oli Minerali | Il Sole 24 Ore Editore – 3[^] ediz

Sicurezza antincendio nella ristrutturazione | Be-Ma Editrice

Ammoniaca | PEG Editore - **Cloro** | PEG Editore - **Ossido di etilene** | PEG Editore

Manuale degli impianti antincendio | PEG Editore – 2[^] ediz.

Corso di prevenzione incendi | ETAS Libri

Cosa fare nell'emergenza | Selezione del Reader's Digest

Manuale del Vigile del Fuoco e dell'addetto alla sicurezza | Il Sole 24 Ore Editore – 2[^] ediz.

Manuale di Protezione civile | Lions International – 2[^] ediz.

La sicurezza degli impianti | Giuffré Editore

Locali di pubblico spettacolo sicurezza e prevenzione | Giuffré Editore

Energia dei rifiuti | ETAS Libri

Norme di sicurezza nelle scuole | Spaggiari Editore

Guida alle procedure antincendio con software ipertestuale | Il Sole 24Ore Editore - 1[^] ediz. 2001

Sicurezza Antincendio con software Ipertestuale | IPSOA Editore – 1[^] ediz. 1998

Schede di prevenzione incendi | Il Sole 24Ore Editore

Manuale di prevenzione incendi OSPEDALI | Il Sole 24 Ore – 2004

Manuale di prevenzione incendi UFFICI | Il Sole 24 Ore – 2006

Manuale Pratico di prevenzione incendi | Il Sole 24 Ore – 2009