

---

# TUNNELPRO

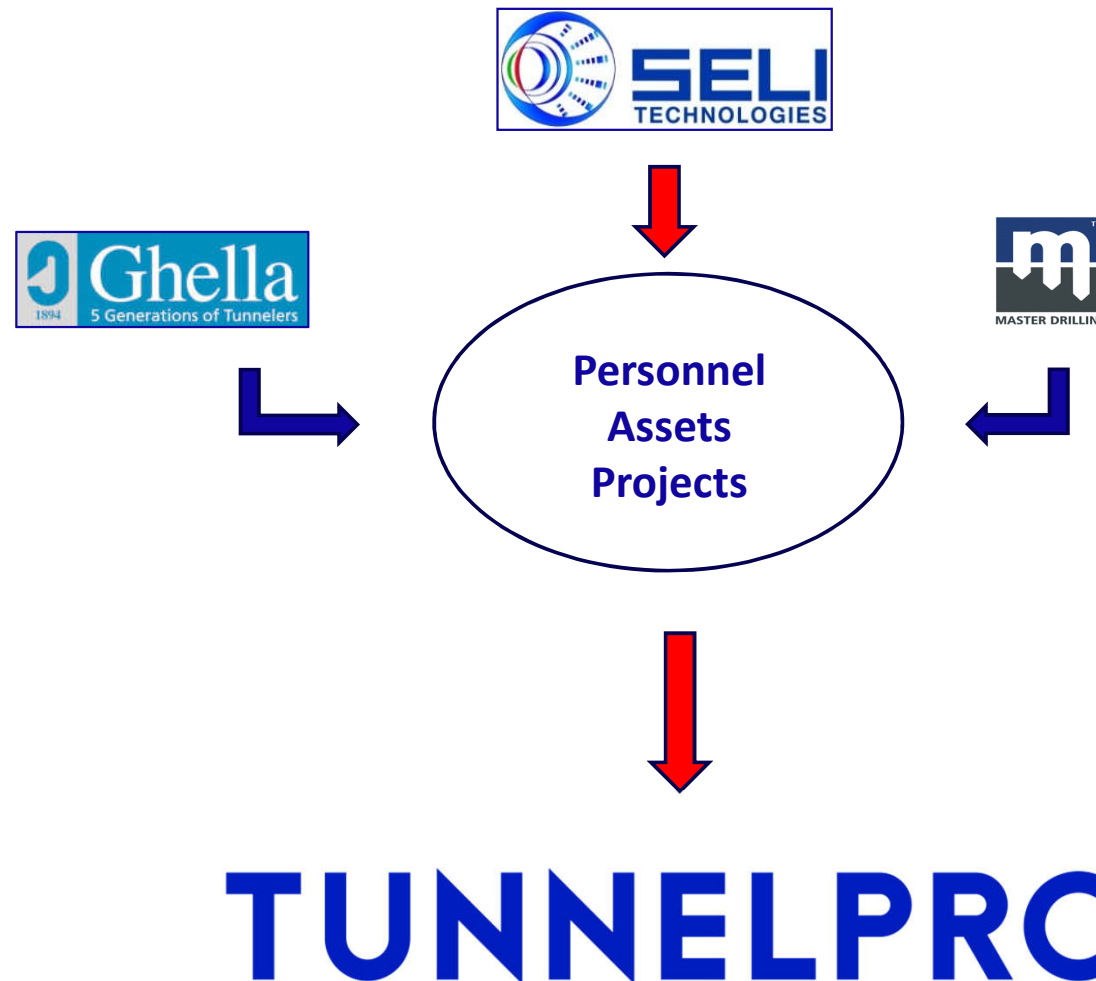
COMPANY PRESENTATION

---

TUNNELPRO is a company set up in 2018 by Ghella and Master Drilling to work in the Tunnel Boring Machine (TBM) tunnel excavation. The company's management, structure and know-how has been entirely transferred from SELI Technologies, a very well-known and experienced Italian TBM manufacturer. Ghella (Italy), is a worldwide leading TBM tunneling contractor, with 124 years of experience in tunneling, more than 150 km of tunnels excavated with TBM and more than 30 TBMs operated in world.

Master Drilling (South Africa), is a world leader in specialized drilling solutions and deep shaft excavation with raise boring machines, with more than 150 equipment spread around the world, with in-house expertise in design, manufacturing of boring machines. The above-mentioned combination brings to TUNNELPRO a unique high specialization in execution of challenging tunnel projects and in the manufacturing of innovative prototypes of tunnel boring machines.

From august 2020 Ghella controls the 100% of TUNNELPRO.





Existing from 1999 with the name of Seli Tecnologie, an internal business division of the SELI S.p.A. Group (Italian tunneling company with more than 60 years of experience, 59 international projects in 21 countries and 460 km of bored tunnels) for a while it dealt exclusively with the in-house TBM design, manufacturing and overhauling and for the related services.



From 2010 as Seli Tecnologie and from 2013 as an independent newco called SELI TECHNOLOGIES, the company begun to sell TBMs to third parties and became a player in the international market as well.

### SELI S.p.A. mechanized excavation works (1999 – 2013)

YEARS	PROJECTS	TOTAL LENGTH (km)	COUNTRY	BORING Ø DIAM. (m)	TBM TYPE	TBM DESIGNER and/or MANUFACTURER	
14	59	460 km	21	from 3,5 m to 12,44 m	DS; DSU; EPB; MS	100% NEW SELI TBM & BACKUP SYSTEM	15
						SELI BACKUP SYSTEM	15
						100% SELI OVERHAULED TBM AND BACKUP SYSTEM	29

### SELI Technologies mechanized excavation works and TBM supply (2013 – 2018)

YEARS	PROJECTS	TOTAL LENGTH (km)	COUNTRY	BORING Ø DIAM. (m)	TBM TYPE	TBM DESIGNER and/or MANUFACTURER	
5	17	85 km	7	from 4,1 m to 9,8 m	DSU; EPB; DM; MOBILE	100% NEW SELI TBM & BACKUP SYSTEM	14
						SELI BACKUP SYSTEM	1
						100% SELI OVERHAULED TBM AND BACKUP SYSTEM	2

TUNNELPRO INHERITED THE SELI TECHNOLOGIES EXPERTISE, DEVELOPED ALONG THE YEARS AND CONFIRMED IN THE FOLLOWING RECENT SUPPLY PROJECTS

### SELI Technologies mechanized excavation works and TBM supply (2013 – 2018)

YEAR	JOBSITE	CLIENTS	TUNNEL LENGTH (km)	COUNTRY	Ø DIAM. (m)	TBM TYPE
2013	LAS MINAS	SINOHYDRO	12	ECUADOR	5,67	DSU
2013	QINGDAO 1	CSIC	3,8	CHINA	6,3	DSU
2013	HONG KONG 2	CHUN WO-SELI	1,67	CHINA	7,4	EPB
2013	QINGDAO 2	CSIC	3,8	CHINA	6,3	DSU
2013	VANCOUVER	LAVALIN	2	CANADA	9,86	EPB
2013	QINGDAO 3	CSIC	24	CHINA	6,3	DSU
2013	QINGDAO 4	CSIC	2,4	CHINA	6,3	DSU
2014	SHANXI	CMC	2,4	CHINA	4,11	DSU
2015	MAE NGAT	UNIQUE	10,5	THAILAND	4,93	DSU
2015	CHIMALHUACAN II	COVASA		MEXICO	6,79	EPB
2015	QINGDAO 5	CSIC	3,5	CHINA	6,3	DSU
2016	QINGDAO 6	CSIC	3,5	CHINA	6,3	DSU
2016	ANGAT	CMC	6	PHILIPPINES	4,94	DSU
2017	MUMBAI	STEC	4,3	INDIA	6,68	DM
2018	QINGDAO 7	CSIC	2,25	CHINA	6,3	DSU
2018	QINGDAO 8	CSIC	2,54	CHINA	6,3	DSU
2018	MOBILE TBM	MASTER DRILLING		SOUTH AFRICA	4,5	MOBILE

TUNNELPRO ALSO OFFERS TECHNICAL SERVICES FOR TBM START-UP AND OPERATION SUPERVISION BY SPECIALIZED AND EXPERIENCED CREWS

### SELI Technologies technical services for excavation works (2013 – 2018)

AVERAGE CREW (n°)	AVERAGE DURATION (months)	CLIENTS	PROJECTS	COUNTRY
8	20	14	17	10
Details				
FROM	CLIENT	PROJECT	COUNTRY	
Mar-14	CSIC	LINE 1 METRO	China (Qingdao)	
Jul-14	HARBIN	HYDROPOWER PROJECT	Ecuador (Las Minas)	
Sep-14	CGGC	GD-3	Ethiopia (Genale)	
Oct-14	C.M.C.	YELLOW RIVER DIVERSION PROJECT	China (Shanxi)	
May-15	JAEGERBAU	APOSELEMIS TUNNEL PROJECT	Greece (Crete)	
Jul-15	ITALIA 61 SCARL	LINE 1 METRO	Italy (Turin)	
Aug-15	C.M.C.	ROAD TUNNELS SUEZ CANAL	Egypt (Ismailia)	
Aug-15	GAMMON-CMC JV	PARBATI II PROJECT	India (Parbati)	
Nov-15	LETIMBRO SCA RL	NATIONAL ROAD AURELIA	Italy (Savona)	
Mar-16	C.M.C.	LINE 1 METRO	Italy (Catania)	
May-16	AKTOR S.A.	LINE 1 METRO	Greece (Thessaloniki)	
Jun-16	SK EC	E-W TRANSMISSION CABLE	Singapore	
Aug-16	PAVIMENTAL	HIGHWAY UPGRADING	Italy (Barberino)	
Aug-16	UNIQUE	MAE NGAT	Thailand (Chiang Mai)	
Jan-17	CONSORCIO LINEA 1	METRO DE QUITO	Ecuador (Quito)	
Mar-17	PRIDE	AL HAER	Saudi Arabia (Riyadh)	

---

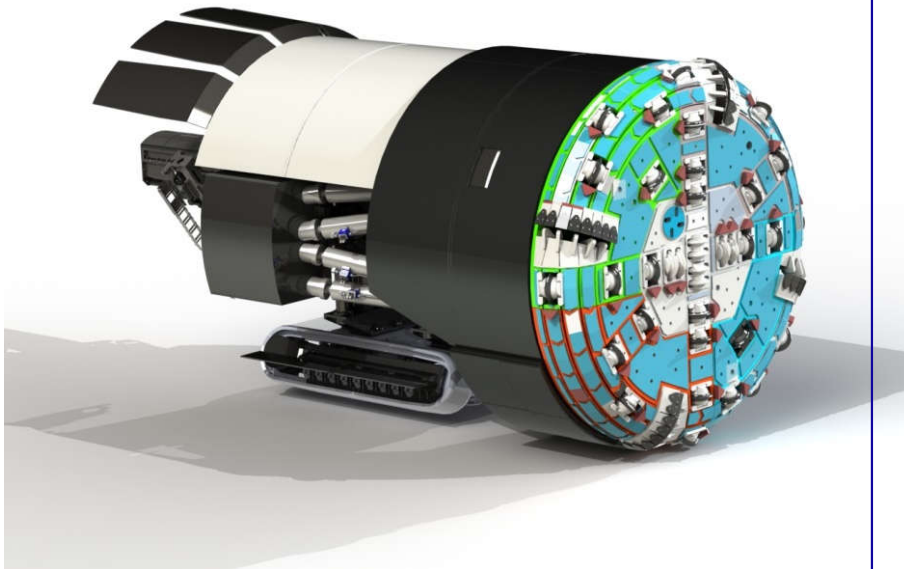
TUNNELPRO IS ARRANGED TO BE A DYNAMIC PLAYER IN THE WORLD OF EXCAVATION, EXPORTING ITS CONSOLIDATED EXPERIENCES IN THE FOLLOWING MAIN CORE BUSINESS

- **Prototypes design for mining industries projects**
  - **Research and development projects**
  - **TBM's and excavation equipment manufacturer**
  - **Technical services**
  - **Excavation projects**
-

TUNNELPRO COMPLETED IN 2019 THE DESIGN OF A NEW INNOVATIVE EQUIPMENT THAT WILL BE INVOLVED INTO MINING CHALLENGING EXCAVATION PROJECTS.

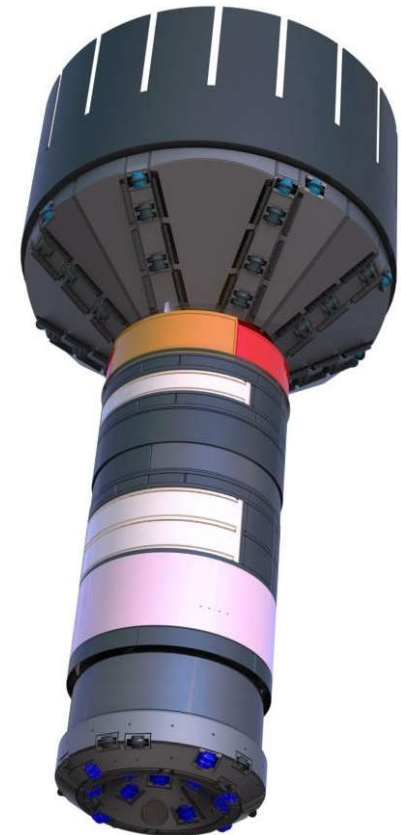
YEAR	JOB	CLIENTS	COUNTRY	TYPE
2018 / 19	MOBILE TBM	MASTERDRILLING	SOUTH AFRICA	MOBILE TBM

### MOBILE TBM



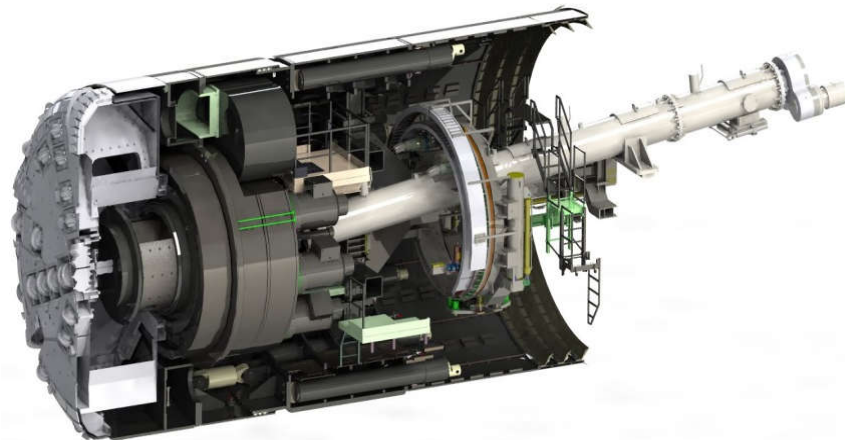
YEAR	JOB	CLIENTS	COUNTRY	TYPE
2018 / 19	VERTICAL SHAFT	MASTERDRILLING	SOUTH AFRICA	VERTICAL BORER

### BLIND SHAFT BORER



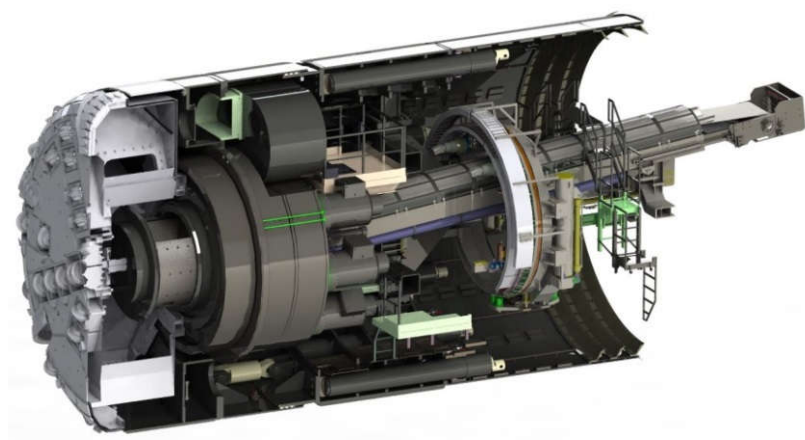
YEAR	DUAL MODE TBM
2018	SCREW CONVEYOR MODE

### SCREW CONVEYOR MODE



YEAR	DUAL MODE TBM
2018	TBM CONVEYOR MODE

### BELT CONVEYOR MODE





YEAR	DSU TBM – $\Phi$ 5,67 m
2013	LAS MINAS PROJECT (Ecuador)

### DOUBLE SHIELD TBM



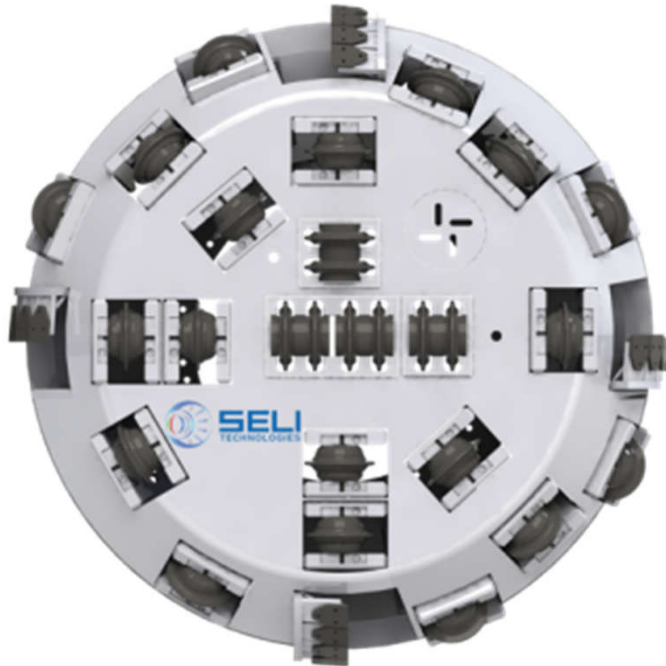
YEAR	DSU TBM – $\Phi$ 6,30 m
2013	QINGDAO 1 PROJECT (China)

### DOUBLE SHIELD TBM



YEAR	DSU TBM– $\Phi$ 4,11 m
2014	SHANXI PROJECT (China)

### DOUBLE SHIELD TBM



YEAR	DSU TBM– $\Phi$ 4,93 m
2015	MAE NGAT PROJECT (Thailand)

### DOUBLE SHIELD TBM



YEAR	EPB TBM (overhauling) – $\Phi$ 6,79m
2015	CHIMALHUACAN PROJECT (Mexico)

### EPB TBM



YEAR	EPB TBM (dual mode) – $\Phi$ 6,686m
2017 / 18	MUMBAI PROJECT (India)

### EPB TBM

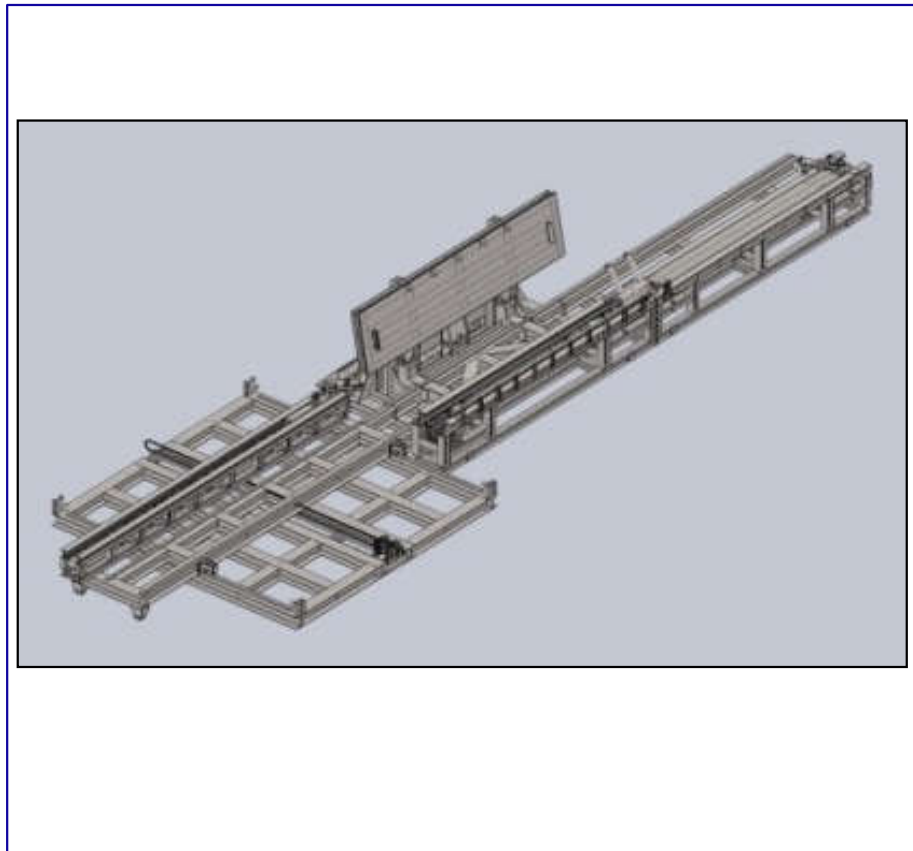
- dual mode -



YEAR	MUCK CARS TIPPLER
2017	ROTATIVE MODE



YEAR	MUCK CARS TIPPLER
	TILTING MODE

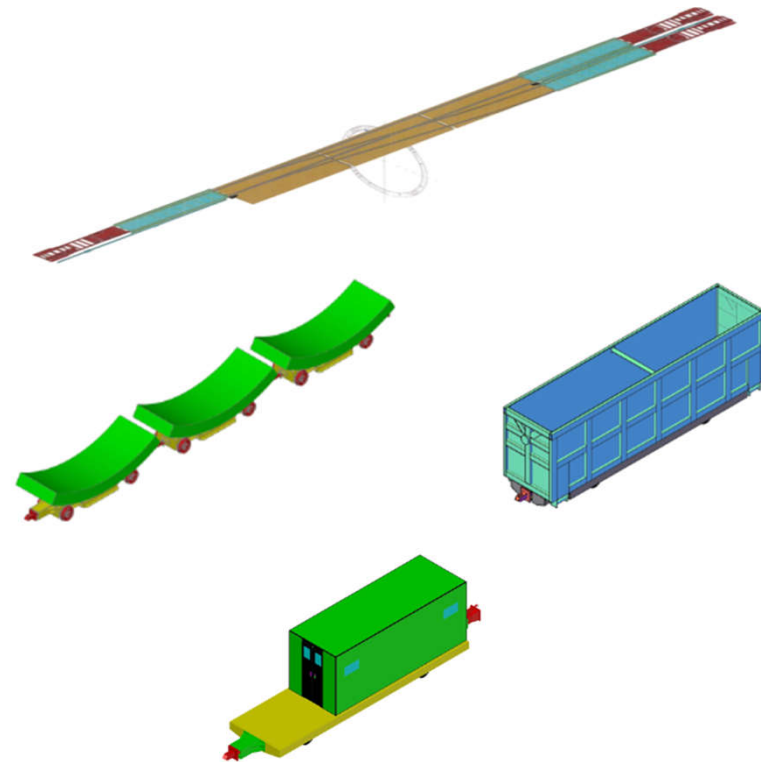




YEAR	BACKUP SYSTEMS
	ALL TYPES



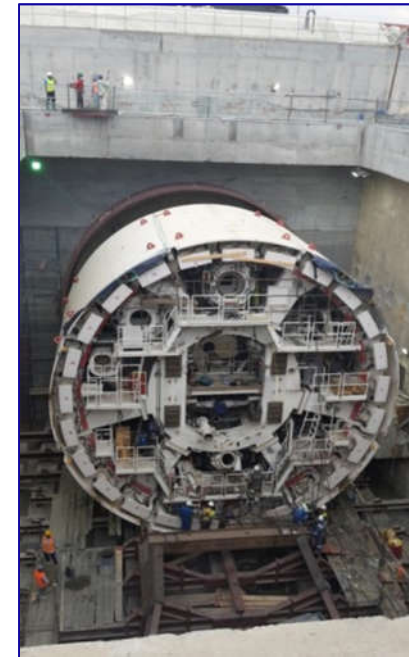
YEAR	ROLLING STOCK EQUIPMENT
2018	TRAINS SWITCHES & TRAINS CARS



PROJECT	Metropolitana di Catania – Tratta Nesima-Misterbianco – 1° Lotto, Italy
CLIENT	Cooperativa Muratori & Cementisti, C.M.C di Ravenna – Italy



PROJECT	Suez Canal Corridor Development Project, Egypt
CLIENT	Cooperativa Muratori & Cementisti, C.M.C di Ravenna – Italy



PROJECT	Tunnel Santa Lucia – Highway – Barberino del Mugello – Firenze, Italy
CLIENT	Pavimental – Italy



PROJECT	Mae Ngat – Mae Kuang Diversion Project, Thailand
CLIENT	Unique Engineering and Construction PCL

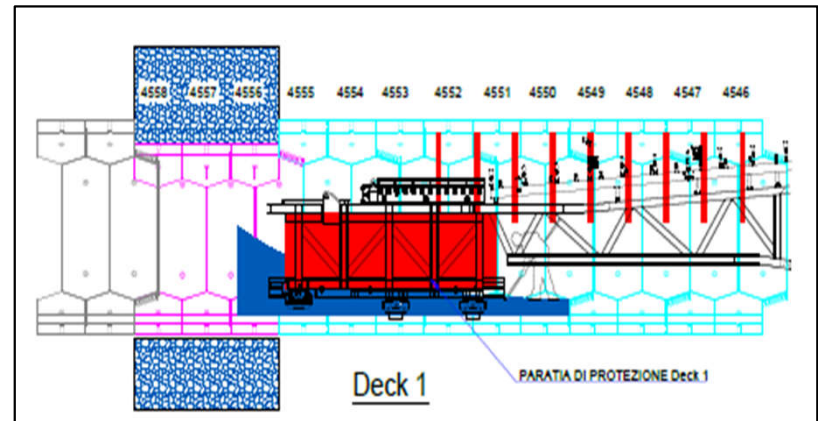
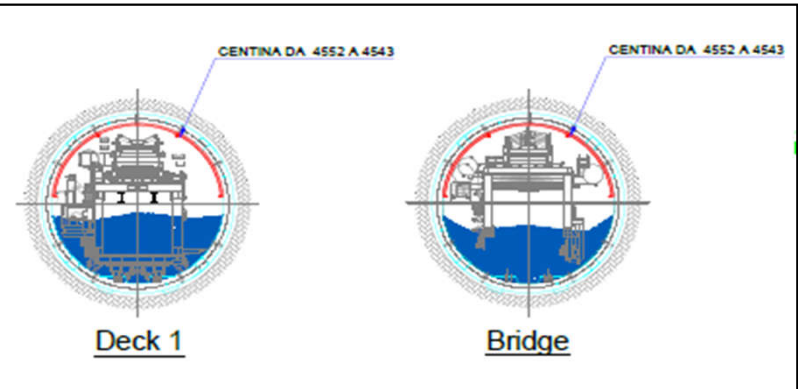




PROJECT	Mae Ngat – Mae Kuang Diversion Project, Thailand
	SPECIAL CONSULTING FOR TBM RECOVERY AFTER PRECAST SEGMENT COLLAPS

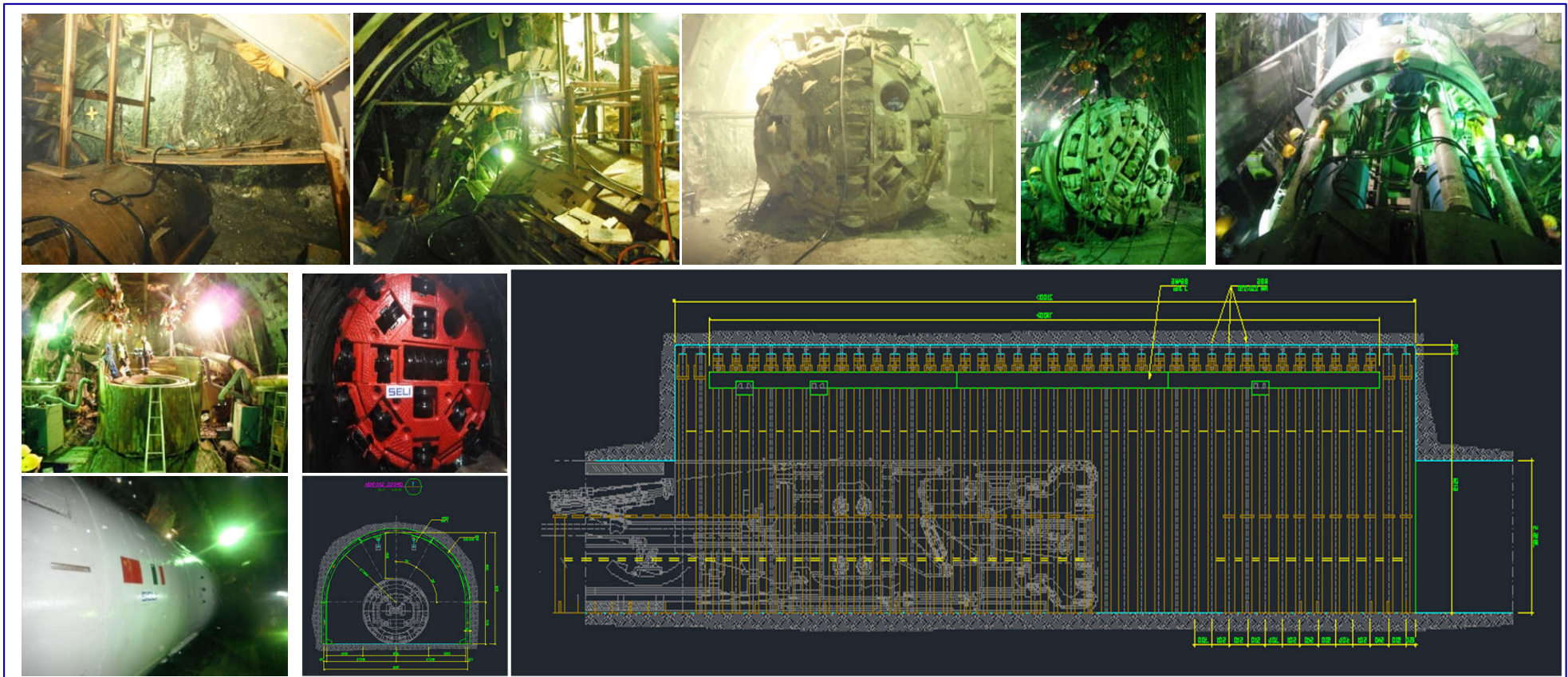


Deck 1





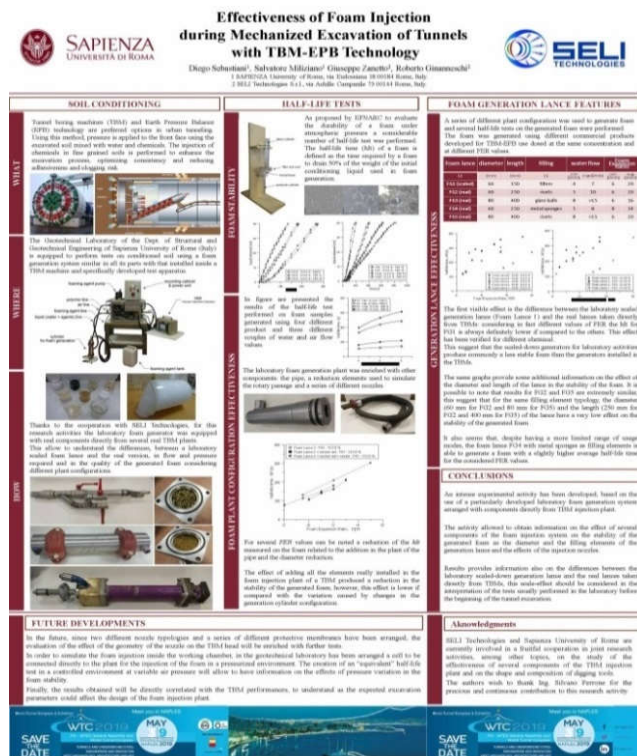
PROJECT	Recovery cavern designs and interventions
	SPECIAL CONSULTING FOR TBM RECOVERY AFTER PRECAST SEGMENT COLLAPS



## – Research and development projects –

## WTC 2018 DUBAI

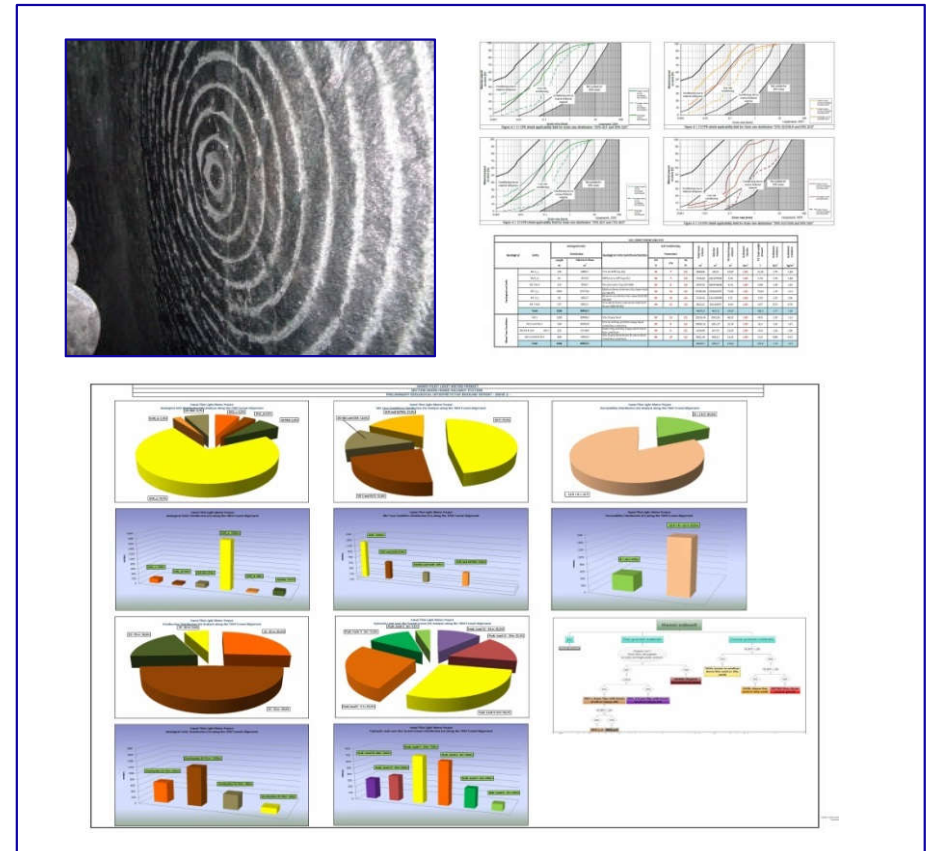
## – Jobsite design –





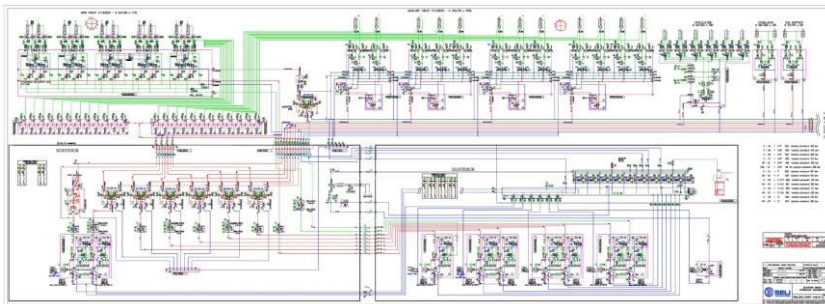
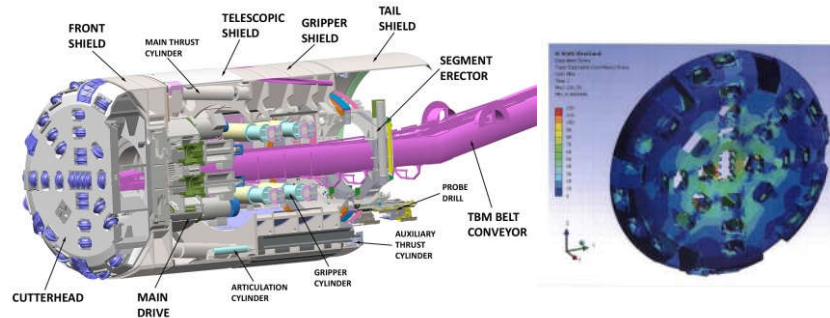
### – Jobsite assistance / Field services –

### – Geological analysis –



### – TBM Design –

### – TBM overhauling –



### ISO 9001:2015

### ISO 14001:2018

### ISO 45001:2018

DNV GL

## MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 174267-2015-AQ-ITA-ACCREDIA	Initial certification date: 04 March 2015	Valid: 04 March 2018 - 04 March 2021
--	--	---

This is to certify that the management system of

**TUNNELPRO S.r.l.**  
Via Carlo Poma, 4 - 00195 Roma (RM) - Italy

has been found to conform to the Quality Management System standard:  
**ISO 9001:2015**

This certificate is valid for the following scope:  
**Design and construction of underground works. Engineering services, design, construction, overhaul and assembly of machinery for mechanized excavation and site equipment. (IAF: 28, 18, 34)**  
Evaluated according to the requirements of Technical Regulations RT-05  
This certificate is meant to refer to the general management aspects of the organization as a whole and may be used by construction companies for qualification purposes according to Art. 84 of the Legislative Decree n. 50/2016 and s.c.i. and ANAC's applicable Guidelines

Place and date:  
Vimercate (MB), 06 February 2020





For the issuing office:  
DNV GL - Business Assurance  
Via Energy Park, 14 - 20871 Vimercate (MB) - Italy

*Zeno Beltrami*  
Zeno Beltrami  
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.  
ACCREDITED UNIT: DNV GL Business Assurance Italia S.r.l., Via Energy Park, 14 - 20871 Vimercate (MB) - Italy. TEL: +39 03 99 905. www.dnvgl.it

DNV GL

## MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 10000292154-HSC-ACCREDIA-ITA	Initial certification date: 11 January 2020	Valid: 11 January 2020 - 10 January 2023
---	--	---

This is to certify that the management system of

**TUNNELPRO S.r.l.**  
Via Carlo Poma, 4 - 00195 Roma (RM) - Italy

has been found to conform to the Environmental Management System standard:  
**ISO 14001:2015**

This certificate is valid for the following scope:  
**Design and construction of underground works. Engineering services, design, construction, overhaul and assembly of machinery for mechanized excavation and site equipment (IAF 28, 34, 18)**  
Evaluated according to the requirements of Technical Regulations RT-09

Place and date:  
Vimercate (MB), 11 January 2020





For the issuing office:  
DNV GL - Business Assurance  
Via Energy Park, 14 - 20871 Vimercate (MB) - Italy

*Zeno Beltrami*  
Zeno Beltrami  
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.  
ACCREDITED UNIT: DNV GL Business Assurance Italia S.r.l., Via Energy Park, 14 - 20871 Vimercate (MB) - Italy. TEL: +39 03 99 905. www.dnvgl.it

DNV GL

## MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 10000292155-HSC-ACCREDIA-ITA	Initial certification date: 20 December 2019	Valid: 20 December 2019 - 20 December 2022
---	---	---

This is to certify that the management system of

**TUNNELPRO S.r.l.**  
Via Carlo Poma, 4 - 00195 Roma (RM) - Italy

has been found to conform to the Occupational Health and Safety Management System standard:  
**ISO 45001:2018**

This certificate is valid for the following scope:  
**Design and construction of underground works. Engineering services, design, construction, overhaul and assembly of machinery for mechanized excavation and site equipment (IAF 28, 34, 18)**

Place and date:  
Vimercate (MB), 20 December 2019





For the issuing office:  
DNV GL - Business Assurance  
Via Energy Park, 14 - 20871 Vimercate (MB) - Italy

*Zeno Beltrami*  
Zeno Beltrami  
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.  
ACCREDITED UNIT: DNV GL Business Assurance Italia S.r.l., Via Energy Park, 14 - 20871 Vimercate (MB) - Italy. TEL: +39 03 99 905. www.dnvgl.it



### — CONTACTS —

- \* **HEAD OFFICE:**  
TunnelPro S.r.l.  
Via Poma, 4 | 00195 | Rome | Italy  
Tel +39 06 456031
- \* **INFORMATION:**  
Info@tunnelpro.it
- \* **COMMERCIAL:**  
commerciale@tunnelpro.it

### — COMPANY REGISTRATION —

Camera di Commercio  
Industria Artigianato e  
Agricoltura di ROMA  
Registro Imprese - Archivio ufficiale della CCIAA

In questa pagina viene esposto un estratto delle informazioni presenti in visura che non può essere considerato esecutivo, ma che ha puramente scopo di sintesi.

**VISURA ORDINARIA SOCIETÀ DI CAPITALE**

**TUNNELPRO S.R.L.**

**DATI ANAGRAFICI**

Indirizzo Sede legale: ROMA (RM) VIA CARLO POMA 4 CAP 00195  
Indirizzo PEC: tunnelpro@pec.it  
Numero REA: RM - 1534954  
Codice fiscale e n. iscr. al Registro Imprese: 14635851000  
Partita IVA: 14635851000  
Forma giuridica: società a responsabilità limitata  
Data atto di costituzione: 25/01/2018  
Data iscrizione: 02/02/2018  
Data ultimo protocollo: 21/11/2018  
Presidente Consiglio Amministrazione: GHELLA LORENZO  
Rappresentante dell'impresa

**ATTIVITÀ**

Stato attività: attiva  
Data inizio attività: 01/11/2018  
Attività prevalente: fornitura di sistemi meccanici, hardware e software - nonché il noleggio e l'assistenza operativa tecnica e logistica di attrezzature e macchinari speciali, per la realizzazione di opere civili, portuali, ferroviarie, ...  
Codice ATECO: 42.99.09  
Codice NACE: 42.99  
Attività import export: -  
Contratto di rete: -  
Altri ruoli e licenze: -  
Altri e registri ambientali: -

**L'IMPRESA IN CIFRE**

Capitale sociale: 100.000,00  
Soci: 2  
Amministratori: 4  
Titolari di carica: 1  
Sindaci, organi di controllo: 0  
Unità locali: 0  
Pratiche inviate negli ultimi 12 mesi: 7  
Trasferimenti di quote: 0  
Trasferimenti di sede: 0  
Partecipazioni (1): -

**CERTIFICAZIONE D'IMPRESA**

Attestazioni SOA: -  
Certificazioni di QUALITÀ: -

**DOCUMENTI CONSULTABILI**

Bilancio: -  
Fascicolo: sì  
Statuto: sì  
Altri atti: 5

(1) Da elenco soci e trasferimenti di quote

Servizio realizzato da InfoCamera per conto della Camera di Commercio Italiana  
Documento n. T.30/109660 estratto dal Registro Imprese in data **03/10/2019**