Railway tunnels

Milan-Naples High Speed/Capacity railway line, Bologna feed line
The construction of the Underground station of Bologna Centrale (platforms 12-17)in an urban context is at an advanced stage.

Genoa Bypass Railway Line
The work concerns:

- a double track tunnel (2.8 km in length, 13 m in diameter).
- 2 single track tunnels (2 x 1.4 km in length, 8 m in diameter).

Excavation works are in progress.

Undergrounds

Naples underground, Line 6 (Campegna – Porta del Parco extension)
The work concerns:

- a single tube tunnel of about 3,800 m to be created via an EPB shield of 8.30 m in diameter;
- 3 stations.

Excavation works is going to start.

Milan Underground, Line 4 Linate Airport-S.Cristoforo section)
The work concerns:

- a running tunnel of about 11,70 km in length, to be bored by using two EPB shield of 6.36 m in diameter;
- a running tunnel of about 3,70 km in length, to be bored by using an EPB shield of 9.15 m in diameter;
- 21 underground stations.

Final design is in progress.

Milan underground, Line 5 (Garibaldi-San Siro/Harar section)
Excavation works of the line twin tunnel (6,755 m in length and 6.8 m dia.)and of 10 stations have started. The line twin tunnel is bored by using two EPB TBM. Rome underground, Line B1 (Bologna-Conca d'Oro extension) Excavation of 4 Km line twin tunnel is over The works for the construction of three stations (Annibaliano, Gondar and Conca d'Oro)is over.

Rome underground, Line B1 (Conca d'Oro-Jonio extension)
Excavation of the line tunnel (9.80 m in diameter) is in progress.

Rome underground, Line B (Rebibbia – Casal Monastero extension)

Line tunnel of 9.80 m in diameter and about 3km in length. Final design is about to start.

Rome underground, Line C (S. Giovanni-Montecompatri/Pantano section)
Excavation works of line tunnels (18.5 Km in length and 6.75 m dia.)by using 4 EPBS are over. Excavation works 12 underground stations are in progress.

Rome underground, Line C (Venezia - S. Giovanni section)
Final design is in progress; excavation works of line tunnels (3 Km of twin tunnels, 6.75 m dia.) will start in about 1 year.

Road tunnels

Pedemontana Lombarda Motorway, Dalmine-Como, Gaggiolo pass connection
Works are in progress.

Pedemontana Lombarda Motorway, connection between A8 and A9 motorways.
Excavation of 3 tunnels (3 Km. in total) are in progress.

Modernisation of Motorway A1 Milan-Rome-Naples, Valico by-pass
Excavation works of the base tunnel (8,700 m long) and Manganaccia tunnel are over. Excavation of other four twin tunnels (Val di Sambro, Grizzana, Quercia, Sparvo)(each tube about 180 m2 cross-section) is in progress. Excavation of the Sparvo twin tunnel (2.5 km in length, 15.55 m in diameter) is done by using an EPB-TBM (the world's largest TBM).

Salerno-Reggio Calabria motorway
6° macro lot tunnelling works are in progress.

E90 motorway, SS 106 "Jonica" section, 11 tunnels
Excavation works of the twin tunnels (6,671 km in total length, 6.5 m dia.) are in progress.

Quadrilatero (Umbria-Marche roadworks), 10 tunnels
Tunnelling works are in progress.

A14 motorway, Widening of 5 existing tunnels from two to three lanes + the hard shoulder
Works are going to start.

Frejus safety tunnel
Thw works for the excavation of a tube about 8 m in diameter and 12.87 km in length, have started.

New Colle di Tenda road tunnel

The project, which provides for the widening of the existing tube and the construction of a new 3,200 m long tube has been approved and financed by CIPE. Public tender have to start.

Modernisation of Motorway A15 of Cisa
The preliminary design of underground works (40 Km of road and railway tunnels) is in progress.

S.S. 212 "della Val Fortòre" and ex s.s.369 "Appulo Fortorina"
Excavation works of 3 tunnels are in progress (about 2,5 km of total length).

S.S. 106 Jonica (Sibari – Roseto Capo Spulico)
Ten twin tunnel; total lenght about 20 km.
The General Constructor tender is ended. Definitive design is about to start.