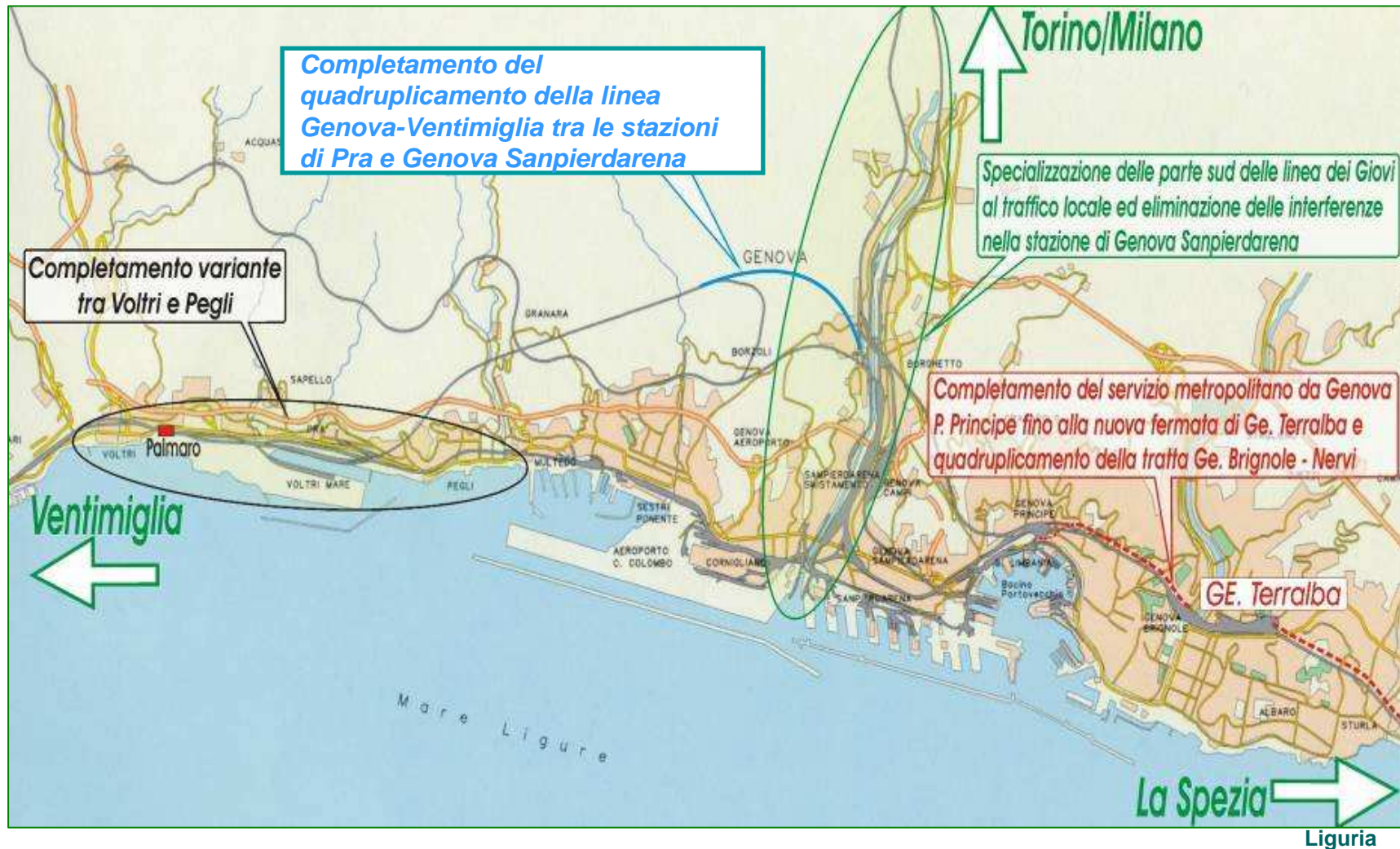


Voltri – Brignole infrastructure upgrade



Voltri – Brignole infrastructure upgrade

The project involves the following interventions:

1. Completion of the variant route between Voltri and Pegli, with redevelopment of Voltri Station as per the GTPS (General Town Planning Scheme) including the construction of a new stop at Palmaro.
2. Eastward extension of the Genoa Voltri link -via Busalla- with connection towards the east to the Giovi branch line in the vicinity of the Polcevera junction with completion of the quadruplication of the Genoa-Ventimiglia line between the stations of Voltri and Sampierdarena (*in blue in the previous diagram*);
3. Prioritization of the southern part of the Giovi line for local traffic and the elimination of interference between lines in the Sampierdarena Station area (*in green in the diagram*);
4. Recuperation, doubling and connection of the Delle Grazie Tunnel to the Colombo and S. Tomaso tunnels. This set of interventions is effectively a sextuplication hence there will no longer be any interference with the itineraries between Genoa Principe and Genoa Brignole (*in red in the diagram*);
5. Arrangement of the rail bed (GTPS) at Genoa Brignole Station (first phase) for the extension of the metropolitan service from Genoa P. Principe up to the new Genoa Terralba stop (*in red in the diagram*).

The project contributes to the overall rearrangement of the Genoa Node, the objectives of which are:

- Regional and Metropolitan transport: increasing and reorganizing service levels, particularly along the coastal strip and Val Polcevera. The new node line arrangement is designed to separate metropolitan railway system traffic and long-distance traffic flows particularly along the coastal axis (from east to west), and ensure a high frequency service.
- Freight transport: increasing freight service levels particularly as regards international connections, intermodal transport and support for maritime transportation mainly directed north towards areas in the central Padania Plain and Alpine crossings.