

FRANCE

ACTIVITY REPORT 2013

French Tunnelling and Underground Space Association, AFTES

15, rue de la Fontaine au Roi – 75011 PARIS, FRANCE

E-mail : aftes@aftes.fr

Web: www.aftes.asso.fr

Association registered under the 1901 Act (non-profit)

The French Association of Tunneling and Underground Space, AFTES, established in 1972, aims to:

- **associate, with an ongoing commitment, owners, engineering firms, research and training centers and contractors,**
- **mobilize our industry in order to share and develop our common knowledge,**
- **keep informed and support all stakeholders in technical, contractual, social, environmental matters,**
- **promote the use of Underground Space and support all actions to make it known,**
- **improve visibility of AFTES' actions and works including its national and international influence,**

help enlarging the know-how of French engineering and contracting firms, keep developing technical input and doctrine elaboration, in line with key needs of our members and including lessons learned from an enhanced technical intelligence,

- **Attract and involve more young people in AFTES and in the underground business..**



FRANCE– Activity Report 2013

Significant projects under construction

Railway tunnel of Saverne LGV – First tunnel, boring in February, 2013 - Length: 4 km (bi-tube) - Diameter: 10 m.

Metro in Lyon - Line B Gerland-Oullins - Commissioned in October, 2013 - Length: 1,8 km.

Tunnel "soft mode" of Croix-Rousse, Lyon - Opening in December 5th, 2013 - Length: 1 763 m - Buses, pedestrians, cycles.

Road tunnel of Saint Beat (RN 125, Haute-Garonne) - Works in 2013 - Length: 1 000 m - 2 ways.

Collector Charenton-Valenton - End of the works in 2013 - Length: 6 000 m.

Tunnel of the hydroelectric station of Rizzanese (Corsica) - Construction 2008-2013 - Length: 5,8 km - Diameter: 3,5 m

Development of the 'Halles' of Paris between 2011 and 2016 - Underground space over 60 000 m².

Electric gallery High Voltage trans-Pyrenees – Works from 2011 to 2013 - Length: 8,5 km - Diameter: 3,5 m.

Hydraulic gallery of Livet-Gavet (Isère) – Works in 2013 and 2014 - Length: 9,3 km - Diameter: 4,80 m.

Extension of the Paris metro line 4 inaugurated on March 23rd, 2013. Lot T1: tunnel of 677 m and lot T2 tunnel of 800 m.

Grand Paris Express - Metro line M15 (South of Paris).

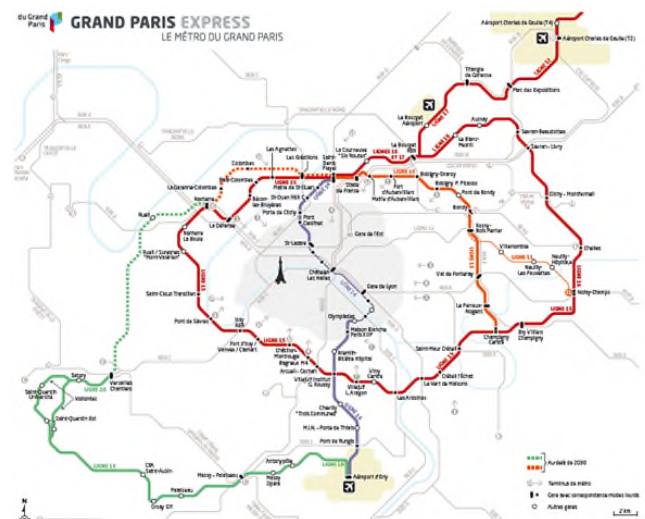
Metro line EOLE : Station Saint-Lazare/La Défense.

Metro line M14: Station Saint-Lazare/Saint-Ouen.

Upgrading and extension of the metro network for the Grand Paris Express project (2017-2030)

- 205 km of automatic metro lines to be created.

- 72 new stations to connect the Grand Paris activity poles, the 3 airports and TGV stations.



Lyon-Turin Railway.

New line of the Rennes metro ANDRA, site of BURE.