Tubbing factory – Limoges Fourches









SHORT DESCRIPTION

Implenia France, within the ALLIANCE group, has developed a specific production tool for segments (tunnel lining) for the needs of Grand Paris.

THE PROJECT

This factory, composed of a covered hall of 7,000 m^2 and a storage area of 12,000 m2 has a capacity of 105 segments per day, thanks to the use of a carousel CBE with 6 molds rings. Oven equipment can control temperature and hygrometry of 5 rings at the same time.

Thanks to the success of this installation, an extension of 12,000 m2 of storage is in progress and the demand no longer comes only from sites belonging to groups composed of Implenia but to others, such as the NGE-SALINI group (L16- 2).

Other horizons open up to this factory with a desire to diversify its activity to other customers.

CHALLENGES

- Increase the production capacity to manufacture segments for a 4th lot of the Grand Paris from 2020.
- Deliver the first fiber segments on a complete subway tunnel lot (SGP Line 16 lot 2).
- Diversify the business and adapt the legal structure to serve external clients

FURTHER INFORMATION

Key Figures

- Realization 12/2017 since today (always in activity)
- Total lenght 27 km / 303 000 m3

Implenia on site

What ?
Realisation of reinforced concrete segments or fiber concrete segments, used in TBM excavation

Scope of works
Precast concrete segments

Construction methods
Automatic carrousel

Project Participants

Client
Société du Grand Paris
RATP

Planner
SYSTRA (SGP L15T2C – RATP L11GC01)
EGIS-Tractebel (SGP L16-2)
SWECO (SGP L17-1)

Engineer
Implenia DE
Lombardi

FACTS

Location	Limoges-Fourches , France
Status	Under construction
Construction volume (value of our services)	105 M EUR
Start of construction	December 2017
Completion	June 2022
Building owner	Société du Grand Paris, RATP
Planning	SYSTRA (SGP L15T2C – RATP L11GC01), EGIS-Tractebel (SGP L16-2), SWECO (SGP L17-1)

ARGE	✓

SERVICES

- Tunnelling
- Transport tunnels

https://implenia.com/en/references/detail/ref/usine-de-voussoirs-limoges-fourches/

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