

## 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<sup>2</sup> and a storage area of 12,000 m<sup>2</sup> 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 m<sup>2</sup> 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

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

## SERVICES

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Tunnelling

Transport tunnels



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<https://implenia.com/en/references/detail/ref/usine-de-vousoirs-limoges-fourches/>

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