

# Verbois Dam

Aire-la-Ville (GE)  
2011



## Architects

SIG

## Representative

Rampini & Cie SA

## Project completion

2011

## Surface area involved

650 m<sup>2</sup>

## Scaffolding type

Suspended cantilevered platforms

Maintenance work was required on the Verbois Dam, notably to replace the bar screens and treat the concrete mullions. The dam was emptied to accommodate the suspended platform structure.

Due to the uncommon dimensions of the structure, difficult weather conditions (night and rainy conditions) and substantial technical requirements, the ECHAMI team had to combine discipline and perseverance until the end of the project. Four teams of builders and two technicians were mobilized, for 24 hours a day over three weeks, to build the platforms suspended along the mullions while the dam was emptied.

These suspended cantilevered platforms, 20 m in height, were carefully arranged around each concrete mullion, enabling the base of the dam to be reached where the bar screens could be cleaned.

The ECHAMI team collaborated closely with its masonry counterparts to adhere to the timed schedule and the precise requirements of the project.