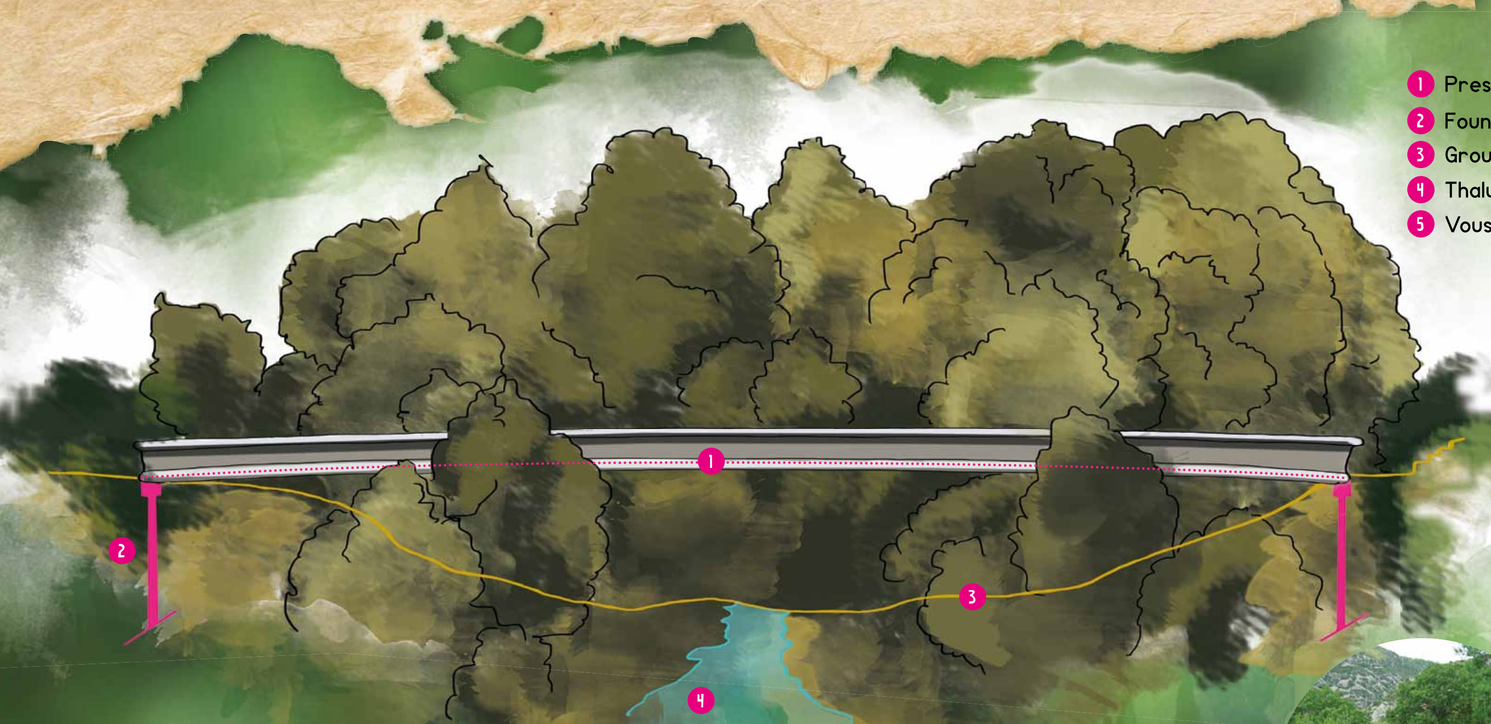
# The Passerelle des Anges

## TECHNOLOGICAL PROWESS

**The Passerelle des Anges, the 4th bridge on the site, is the result of cutting-edge architectural technology, just as the Pont du Diable was in the 11th century. A girder bridge, it is the world's first footbridge made entirely from ultra-high performance fibre reinforced concrete (UHPFRC).**




1. Prestressing cables
2. Foundation piles
3. Ground level
4. Thalweg
5. Voussoir

## The footbridge in figures

* **Dimension :**
  69 m long,
  1.8 m wide

* **Architect :**
  Rudy Ricciotti, designer of the footbridge

* **Technology :**
  prestressed girders made entirely from DUCTAL®, an ultra-high performance fibre reinforced concrete (UHPFRC) - a world first. (If standard concrete had been used, the footbridge would be less than 10 metres long)

* **Assembly :**
  - 15 x 4.6-metre-long voussoirs (a section of the structure) for 10.5 tonnes;
  - 15-metre-high scaffolding for putting the voussoirs in place,
  - technology requiring precision to a fraction of a millimetre: 0.04 mm.

## FROM ONE SIDE TO THE OTHER

The footbridge provides a means of getting from one side to the other on a safe footpath which is away from the road and accessible to all. The technology employed produced a bridge which is extremely slender yet robust. The various sections had to be assembled with precision to within a tenth of a millimetre.
It is an almost 70-metre-long Ductal® girder bridge which has no intermediary support, leaving the nature beneath it intact. Thanks to its colour, it also blends into the scenery, preserving the site's natural beauty.

**Did you know?** The footbridge's anthracite grey colour is the colour of shadow. So, from a distance, it is invisible

*Time is man's angel.*

JF von Schiller

A concrete needle suspended between sky and land, the footbridge simply fades into the scenery. It provides a route over the valley and the forest, which it barely skims, and offers a view of the potters' village of Saint-Jean-de-Fos and the glazed ceramic tiles on the bell-tower roof...

A stroll across it - a chance
to listen to the wind in the treetops...
to whisper a wish...
to breathe...
to slow down...
to look around you...
to get caught up in the moment, a moment when time stands still...
... ... ...
...


## A little suggestion...

On your way across the bridge, why not whisper a wish to the wind... Who knows? It might reach the ear of an angel!

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