



# FOOTBRIDGES



FREYSSINET

C X 10

# Turn-key footbridges

Founded over 70 years ago by Eugène Freyssinet, the inventor of prestressing, Freyssinet brings together an unrivalled range of skills in the specialist civil engineering sector.

This wide range of expertise allows us to construct turnkey and tailored footbridges.

Whether it's suspension, UHPFC, reinforced concrete, metal or wooden footbridges, Freyssinet is able to assist you in the study, design and fabrication of your structures.

*Cover photograph: Footbridge over the Garonne River, Agen - France - 263 m*

## Freyssinet

*Freyssinet offers integrated technical solutions in two major fields: construction and structural repair, under the Foreva® label.*

*Freyssinet is involved in numerous projects across five continents, making it the world leader in its specialist areas of:*

- Prestressing,
- Cable-stayed structures,
- Construction methods,
- Structural accessories,
- Structural repair and reinforcement, and
- Structural maintenance.

*These activities are performed on a wide range of structures, including among others: civil engineering structures, buildings, skyscrapers, industrial installations, power plants, offshore platforms, transport and sporting infrastructure, and more.*

*For more information, visit: [www.freyssinet.fr](http://www.freyssinet.fr)*



**FREYSSINET**



**Illarsaz Footbridge**

*Switzerland*

82 m



**Laroin Footbridge**

*France*

110 m



**Le Fil d'Ariane Footbridge**

*Tours - France*

235 m





**Museum of European and Mediterranean  
Civilisations (MuCEM) - Fort Saint Jean Footbridge**  
*Marseille - France*  
76 m



*Find out more*



**Wing Tip Bridge**  
*United States*  
240 m

## Wing Tip Bridge

Located in West Virginia (United States), the Wing Tip Bridge links the two banks of a 4,000 ha National Scout Reserve. Measuring 240 m long, with two 31.5 m end spans and a 177 m central span, it was built by Freyssinet and completed in May 2013.

Designed to make minimal impact on the natural environment, the footbridge is supported by two towers, with the masts deployed as "tridents" offering lateral stability while providing a slender and aerial structure, for the deviation of the suspension cables, used to support a deck made of wood from the surrounding forests.



**Sarreguemines Footbridge**

*France*  
80 m



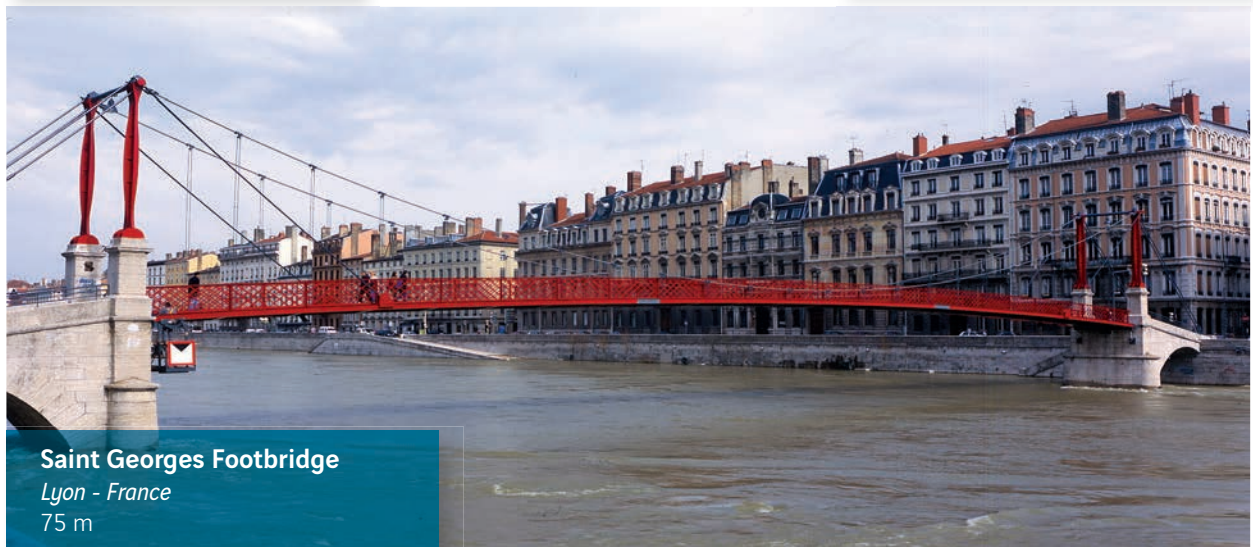
**Dole Footbridge**

*France*  
76 m



**Fresselines Footbridge**

*France*  
40 m



**Saint Georges Footbridge**

*Lyon - France*  
75 m



**Rethel Footbridge**

*France*

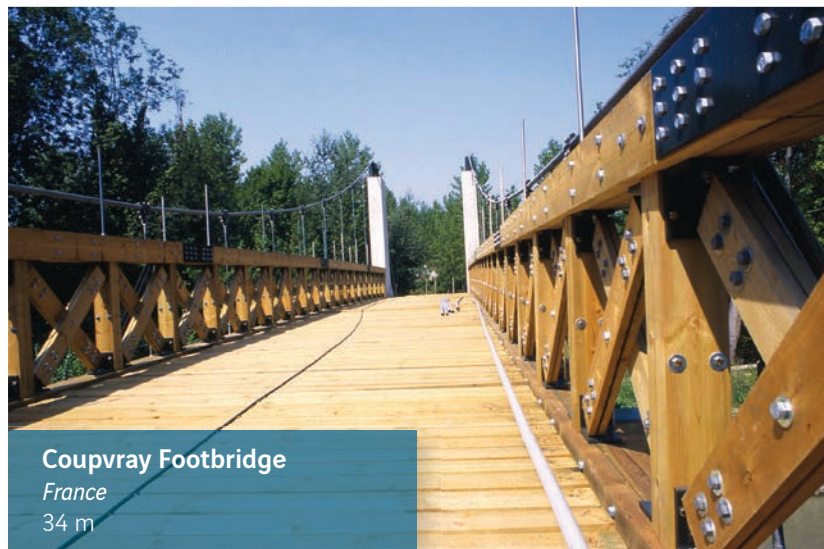
50 m



**Macintosh Island Footbridge**

*Australia*

110 m



**Coupvray Footbridge**

*France*

34 m



## MuCEM Saint Laurent Footbridge

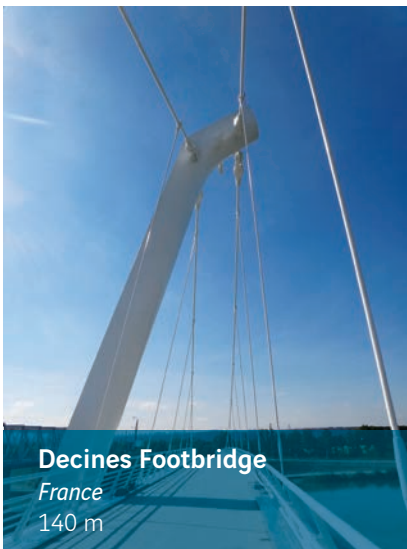
*Marseille - France*  
67.50 m

Built in 2012, this UHPFC footbridge connects Marseille's two historical centres. The structure's cross section is identical to that of the footbridge connecting the Saint-Jean Fort to the MuCEM.

It rests on two bearing seats located 67.50 m apart. The bridge consists of two beams measuring 1.80 m high with a web thickness of only 12 cm.

The 3 cm thick decking is connected to the structure's cross bracing system.

Sheaths built into the concrete are used to route the post-stressing cables. It is this post-stressing configuration, associated with the UHPFC, that makes this engineering solution possible.



## Decines Footbridge

*France*  
140 m



1



2



3



4



5



6

- 1 Suspended Bridge in Chartreuse  
France  
88 m
- 2 Bordes Footbridge  
Brive - France  
35 m
- 3 Saint Bel Footbridge  
Lyon - France  
22 m
- 4 Bordes Footbridge  
Brive - France  
35 m

- 5 Fosse Bourdon Footbridge  
Saint Venant - France  
38 m
- 6 La Fosse Bourdon Footbridge  
Saint Venant - France  
38 m



1



2



3



4



5

1 Lac de Der Footbridge  
France  
50 m

3 Vonnas Footbridge  
France  
22.50 m

5 Izmit Footbridge  
Turkey  
67 m

2 Épinette Footbridge  
Marquette-lez-Lille - France  
26 m

4 Pont Rouge Footbridge  
Deûlemont - France  
52 m

6 Méchelle Footbridge  
Nancy - France  
150 m



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