

The visitor center

In a 70 m² space, discover the reasons that led to the construction of the fish ladder, its working and the few 30 fish species that bypass the dam.

The exhibition involves trilingual information panels, videos, an aquarium, the up-to-date results of the migration metering and an observation area which allows seeing into the tanks under water level.

About migration...

If it's too cold (<10°C) or too warm, fish tend to stay quiet at the bottom of the rivers. Theoretically, fish are able to migrate permanently through the ladder.

There are 2 big migratory periods in the year during which a more important influx of fish can be watched: springtime (April to June, with a peak of migration in May) and fall (September/October). However, it is not guaranteed that you'll be able to see travelling fish during your visit.

Technical characteristics

fish ladder	
Average difference in level	10 m
Total length of fish ladder approx.	290 m
Flow into upstream tanks	1,2 m ³ /s
Total inflow	11-15 m ³ /s

To know more:

NEW: audioguides available at the entrance!
Deposit: ID card or 50 €.

Guided tours for groups and educational workshops for pupils are available by appointment. Pushchairs and wheelchairs have also access to the visitors' gallery (except the terrace). Dogs are not admitted.

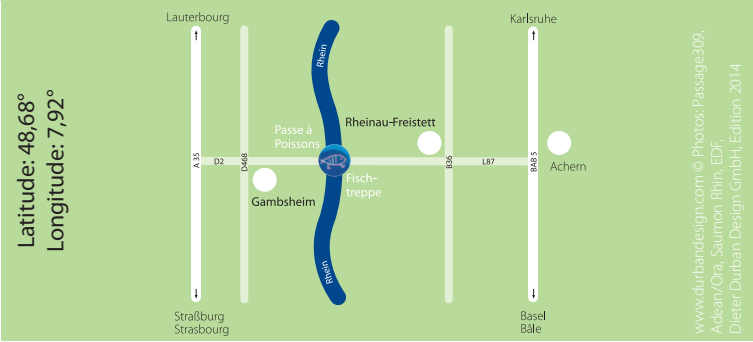
Parking area for cars and busses.

opening times 2014

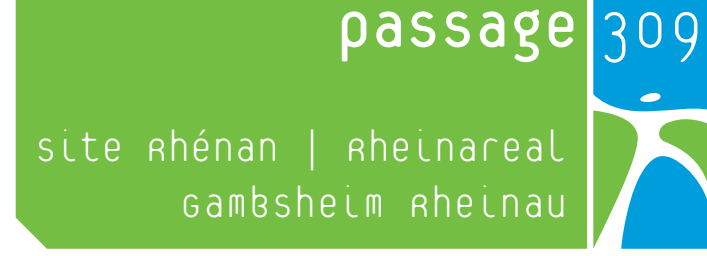
Months	Days	Opening hours
January	Sundays and public holidays	14:00–17:00
February March	Sundays and public holidays	14:00–17:00
April May June	Mo, We, Thu, Fr, Sa, Su and public holidays	11:00–17:00
July August	Mo, We, Thu, Fr, Sa, Su and public holidays	10:00–13:00 14:00–18:00
September October November (until 11.11.2014)	Mo, We, Thu, Fr, Sa, Su and public holidays	11:00–17:00
November (from 12.11.2014)	Sundays and public holidays	14:00–17:00
December	closed	

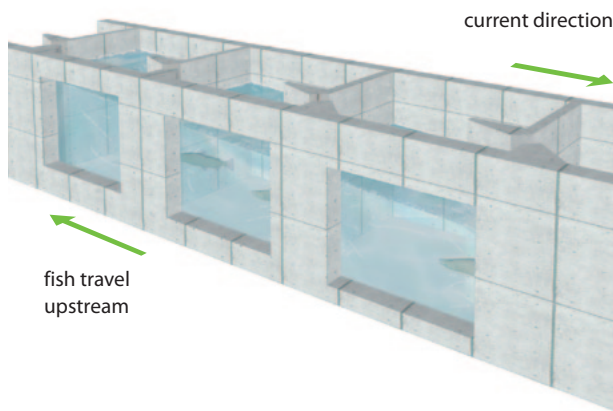
Closed on tuesday all the year round
Groups: open by reservation all the year round (winter: on weekdays only)

Prices	Individuals	Groups of 15 or more
Adults	€ 2,50 P.	€ 2,00 P.
Fishing licence card	€ 2,00 P.	€ 1,50 P.
Children (6-12), students	€ 1,50 P.	€ 1,00 P.
Families	€ 7,00	-
Audioguide		€ 1,00 P.
Guided tour for groups (by reservation)		€ 40,00 + entrance fee P.
Educational workshops (by reservation)		€ 3,00 P.



Information: Tel. 0033 (0) 3 88 96 44 08, info@passage309.eu
www.passage309.eu





The interest of the fish ladder

The fish ladder allows fish travelling from downstream to upstream to bypass the Gamsheim/Rheinau dam. Migrating fish like salmon are not the only ones to use the fish ladder to swim up the Rhine – local species are also prevalent.

The visitors' gallery

- A** Reception desk/Information room and watching area/Toilet
- B** Visitors' terrace
- C** Panoramic viewpoint
- D** Observation point Inlet 3

A–D Accessible to visitors
1–7 not accessible

The fish ladder

The ladder is an open concrete chamber with a slope of less than 4° (increase in level of 1m every 15m). The upper part of the section located next to the small hydraulic power plant consists in a cascade of water 200 m in length spread over 39 tanks which are linked to each other by vertical openings.

- 1** Inlets 1 and 2
Inlets 1 and 2 are located in the area where the current is strongest. The current is produced by the outflow of water from the power plant and attracts migratory fish such as salmon, sea trout and shad.
- 2** Inlet 3
The third inlet is located in area where the current is not so strong and this helps the local species of fish and macrofauna (little beings from 4 to 80 mm) to swim upstream.



- 3** Small power plant
The water diverted to attract the fish passes through the turbines to produce electricity.
- 4** Series of fish tanks
Each tank has a surface of approximately 13 m² and a depth of about 1,65 m. The ground is covered with a layer of pebbles which fosters the development of macrofauna. Each opening is 45 cm wide. The flow rate is 1,2 m³/s.
- 5** Fish trap
- 6** Metering room
At the exit of the fish ladder, a video camera records the fish passages 24h/24 in order to count, after viewing the images, the number of fishes of each kind that have bypassed the dam.
- 7** Exit

***Hydro-electric power station**
Operated by CERGA, a subsidiary of EDF-EnBW. The energy produced is also shared out between the two electricity boards.

