



## Restoration/redevelopment of the "Hôtel de la Marine"

Geotechnical aspects

2017 – On-going



FRANCE - Paris

Client

Center of National Monuments

Setec subsidiary fees  
62 000 €



### The Project

TERRASOL is currently working on the restoration-redevelopment of the Hôtel de la Marine, within the Project Management team led by CABINET 2BDM ARCHITECTES, and on behalf of the Center of National Monuments (Centre des Monuments Nationaux). This 18th century building is located along Place de la Concorde in Paris.

One of the objectives of the current project is the opening of the monument to the public and the creation of offices in the upper floors.

### Our Services

The structural changes and some local weaknesses led to design the reinforcement of part of the existing foundations.

Several techniques have been selected in coordination with the engineering firm EQUILIBRE STRUCTURES: expansive resin injections, micropiles, alternated lined shafts.

In addition, we carried out a bearing capacity diagnosis for the courtyards in order to indicate to the Owner the vehicles that can circulate in each zone. The consideration of both geophysical and geotechnical investigations made it possible to have a general overview of the soils close to the surface, and to locate certain weak zones and buried structures (networks, ...).

TERRASOL now provides supervision of the detailed design and geotechnical works. To achieve this, we carry out regular site visits to ensure the control of the works carried out.

### Key features

- Design of the reinforcement of the existing foundations
- Bearing capacity diagnosis for the courtyards
- Supervision of detailed design and geotechnical works