

We have earned their trust

Hydrostadium serves as the main engineering company for EDF-DPIH's fleet of small hydroelectric power plants, but numerous communities and private clients also benefit from our multidisciplinary experience.



Beaumont Moteux (FR)



Breil (FR)



Centrale de Bar (FR)



Madières (FR)

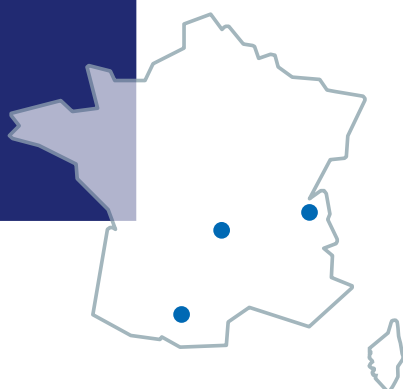


Moulin de la Vigerie (FR)



St Victurnien (FR)

Hydrostadium is headquartered in Annecy, with two branches in Toulouse and Clermont-Ferrand.



Pascal SIMON
Managing Director
Co-inventor of the mobile obstacle system.

Gilles BERNARD
Executive Director
Three-time world canoeing champion.
Creating whitewater stadiums since 1990.



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74000 Annecy - France

Joint-stock company with €1,000,000 in capital - RCS Annecy TGI B
Siret 43828966200035 - NAF 7112B

www.hydrostadium.fr



CREATING
ENERGY



Serving small-scale hydroelectric power producers

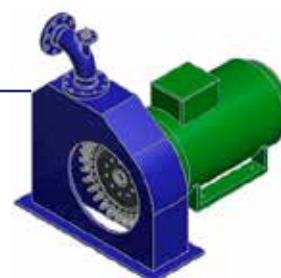
Since 2007, EDF's Hydrostadium subsidiary has been in charge of conducting studies, producing expert reports, and overseeing work on small-scale hydroelectric power plants (from maintenance of existing structures to construction of new ones).

Based in Annecy, the company puts its multidisciplinary experience to work for both public clients (municipalities, local distribution companies, and public institutions) and private clients (independent producers and companies, private property owners). To be closer to its clientele, Hydrostadium has set up branches in Toulouse and Clermont-Ferrand.



Abundant, flexible energy

A hydroelectric power plant turns the potential energy of a waterfall into mechanical energy using a turbine, and then into electrical energy via a generator. A power plant's installed capacity depends on the flow of water passing through the turbine and the height of the waterfall.



• A green, renewable energy source

Small-scale hydroelectric power plants produce no greenhouse gases. As there is no combustion involved, hydroelectricity generates no oxides, and above all no carbon dioxide. So it is a sustainable form of energy.

• An energy source that's good for growth and the environment

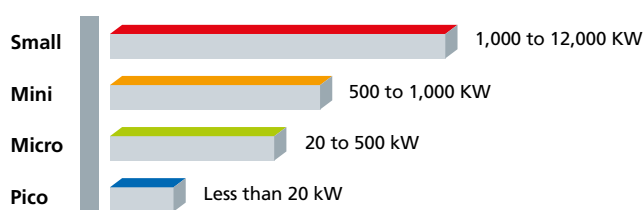
The combination of advanced production techniques, regulations, and dedicated industry stakeholders helps minimize the impact of hydroelectric power generation on water quality, aquatic life, the acoustic environment, and the landscape...

• A regional development tool

Hydroelectric power generation creates jobs in a wide range of fields, for civil engineering firms, electricians, manufacturers of turbines, generators and mechanical rakes, ... and for local security and maintenance companies.

The royalties and taxes these companies pay provide guaranteed, long-term revenue sources (30 to 40 years) to help balance the budgets of small municipalities, which often lack an industrial base.

Small hydroelectric facilities generate electricity that can be used to power remote locations (isolated homes for example) or be sold to a grid. Small hydroelectric plants are classified by the amount of power they produce:



> KNOW-HOW AND EXPERIENCE

Serving clients for perfectly managed projects

Hydrostadium provides engineering expertise for developers of small hydroelectric projects, and can also take care of **any administrative and environmental aspects as needed**.

Hydrostadium is made up of 120 employees, which is just the right size to maintain close, personal business relationships with local clients. Hydrostadium has expertise in all fields related to the construction of small hydroelectric plants and can carry out studies in the following areas:

- Hydraulics.
- Geotechnics.
- Civil engineering.
- Mechanics and electromechanics.
- Control and command.
- Electricity and switchyards.

Hydrostadium has a hydraulics laboratory where it can physically test its solutions and make sure they fulfill the needs. The lab is certified by France's Ministry of Ecology, Sustainable Development, Transportation, and Housing (design and construction oversight certification for class A, B, and C dams).

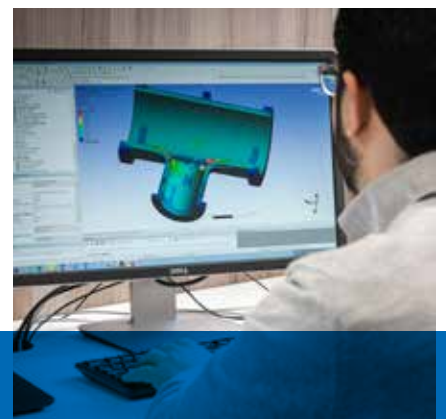
Hydrostadium provides full or partial project management services, from preliminary studies to delivery, including oversight and execution.

Hydrostadium can also help clients by drawing up expert reports, audits, and economic studies and by advising and assisting clients with their specifications.

Hydrostadium has wide-ranging, recognized expertise in the following fields:

- Dams.
- Water intakes.
- Tailraces.
- Tunnels.
- Water inlets.
- Forebays.
- Surge tanks.
- Penstocks.
- Hydromechanics.
- Turbines.
- Electrical engineering.
- Control and command systems.
- General electrical facilities.
- Switchyards.

Hydrostadium also has extensive experience in designing fish ladders (up and downstream migration) and canoeing and kayaking channels.



KEY FIGURES

- + **100,000** ENGINEERING HOURS PER YEAR
- + **50** MAJOR PROJECTS PER YEAR
- + **30** ECOLOGICAL CONTINUITY PROJECTS PER YEAR