

# A STEP AHEAD IN WATER TECHNOLOGY



## EUROPELEC, A SFA GROUP COMPANY

LEADING FRENCH EQUIPMENT MANUFACTURER IN THE FIELD OF WASTEWA-TER TREATMENT, EUROPELEC HAS BEEN COMMITTED TO ITS CUSTOMERS FOR 64 YEARS

#### A WORLD-RENOWNED GROUP

The SFA Group has specialised in the design and manufacture of wastewater treatment equipment since its inception.

Mainly known for having revolutionised the sanitary equipment market - with the creation in 1958 - of the toilet macerator, the group has never ceased to develop - through EUROPELEC - innovative industrial solutions for urban and municipal wastewater treatment plants.

The diversity of the solutions offered by the SFA Group, both in the world of sanitaryware and in the world of industrial and municipal wastewater treatment or lifting installations, makes the group one of the world leaders in the sanitaryware industry.

With more than 1,000 employees worldwide, the SFA Group currently has subsidiaries in 27 countries.

#### ■ INVENTIVENESS, A PRIORITY FOR THE SFA GROUP

Since its foundation, the SFA Group has been constantly looking to the future and reinventing itself. Water and its treatment and use are central to everyone's daily life. Innovation, industrial research, respect for the environment and customer service are the values we share. The SFA Group is committed to offering high performance and quality products made in Europe. Our goal is to offer you a constant high-quality service.





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## EXPERIENCE AT YOUR SERVICE

<u>ناما</u>

For more than 64 years, EUROPELEC has been designing, manufacturing and installing equipment for the treatment of municipal and industrial wastewater. of experience Leader on the French market, we export our products to some forty countries from our factory located in France, close to Paris. Since the birth of the group in 1958, EUROPELEC has already installed its equipment in 86 countries around the world.

EUROPELEC's engineering capabilities allow us to tailor our equipment to our customers' needs and to conduct our own in-house research and development programmes. Today, we have 10,000 turbines installed, and more than 1000 wastewater treatment plants are equipped with our fine bubble diffusers.







Number of years

Envirosep partnership 2020

2022

Doubling of French Production AND Manufacturing Capacity



Presentation of the AEROSTREAM submerged speed aerator at the Carrefour de l'Eau exhibition

Inauguration of a new laboratory and a 250 m<sup>3</sup> test tank

## THE EUPOPELEC ADVANTAGE

THE POSSIBILITY OF INTEGRATING EUROPELEC EQUIPMENT AND ACCESSORIES FOR A TURNKEY INSTALLATION THAT SIGNIFICANTLY REDUCES PROJECT MANAGEMENT COSTS WHILE STREAMLINING THE MANAGEMENT OF ORDERS, PURCHASING (PROCESS CALCULATIONS), DESIGN, TRANSPORT, ON-SITE INSTALLATION. AND COMMISSIONING OF EQUIPMENT.

## COMPANY HISTORY

2019	2014	2003	1993	1984	1983	1979
Europelec develops the	Construction of a new	EUROPELEC produces	Integration of	Takeover of the	Transfer of the compact	Creation of the
AQUAFLOAT floating feeder 2018	factory in Brégy	its first tubular diffusers AQUATUBE	EUROPELEC as a division and brand of the SFA group	company FENWICK ECOLOGIE - specialist in aeration turbines for wastewater treatment plants - by EUROPELEC	WWTP activity from SFA AIR AILE to EUROPELEC	company EUROPELEC manufacture of engine for the company SFA
	2012	<b>1996</b> EUROPELEC launches its first range of fine bubble aeration with the AQUADISC solution			Creation of the	
	Implementation of					1958
Construction of an 850 m3 test tank	the SOFIE range of submersible turbines					Creation of SFA AIR AILE
Launch of the NOEMI feeder	2008			EUROPELEC launches its first range of equipment for treatment and pre- treatment in wastewater treatment plants	1982	
	EUROPELEC is incorporated as a subsidiary of SFA and absorbs BREGY METAL				Creation of the company EUROPELEC - manufacture of engines for the company SFA	

## KNOW=HOW ....



EUROPELEC enhances its knowledge and experience through :

- •An integrated Engineering Office, for a Design of its products for Worldwide use and in conformity with the applicable standards (Eurocodes, AWWA, FM...)
- A manufacturing plant located in Brégy, less than an hour from Paris
- A team of Engineers in charge of projects who ensure the follow-up and technical

management of projects, from design to commissioning

- Experienced Supervisors and Fitters for the installation of all our equipment in compliance with technical and regulatory constraints
- Management of a Dedicated fleet of equipment rental
- A dependable and responsive aftersales service
- Support throughout the world.

## ... AND TRANSFER OF KNOWLEDGE & EXPERIENCE

The know-how of our skilled workers (some of whom have more than 30 years' experience) is perpetuated through a recruitment and apprentice training programme which has enabled us - particularly through exchanges with Promo, the training centre of the Union des Industries et Métiers de la Métallurgie (Union of Metallurgy Industries and Trades) to recruit nearly ten young engineers, fitters and installers since 2018-2019.

### RESOURCES TO MATCH OUR AMBITIONS



TODAY, THE COMPANY HAS TWO TEST TANKS (850 M<sup>3</sup> AND 250 M<sup>3</sup>) AND A LABORATORY WITH NUMEROUS PILOT EQUIPMENT (WATER COLUMNS, AQUARIUMS, PRESSURE TEST ROOM, TEST BENCHES, ETC.). THESE FACILITIES AND THE MODELLING PLUS SIMULATION SOFTWARE AVAILABLE TO THE COMPANY ENABLE THE PERFORMANCE OF THE EQUIPMENT AND MATERIALS USED IN THE MANUFACTURE OF EUROPELEC PRODUCTS TO BE CONSTANTLY UPDATED AND IMPROVED.

## SALES DEPARTMENT



Europelec was the first company in France to manufacture its turbines (1983) and diffusers from 2000. The company has always placed engineering and innovation at the heart of its core business.

The entire team is at client's disposal to meet their needs for any municipal and industrial projects. Our sales team is made up of multilingual engineers, supported by our international network of agents and distributors

The engineers in charge of projects in our Design & Order Entry department are your direct contacts throughout the duration of your project..

Their knowledge and experience in CAD-SOLIDWORKS software are assets for designing and validating all items relating to your project.

Also trained in project management, your project manager will monitor the production, delivery and installation of your equipment.

## MAINTENANCE / MAINTENANCE SOLUTION

Call on the Service Team of EUROPELEC to offer a comprehensive bio-fouling system clean including.

THE SOLUTION FOR THE MAINTENANCE OF YOUR MEMBRANE DIFFUSER NETWORKS:

- Rental of the formic acid injection trolley
- The supply of acid in a quantity adapted to your installation
- The assistance of our technicians on site to carry out the injection.







Discover EUROPELEC'S equipment at the international trade fairs where we will be exhibiting in 2022:

- VA MASSAN / Sweden
- IFAT / Germany

- AQUATECH / Mexico
- WEFTECH / USA
- AQUA NEDERLAND / Holland
- VIETWATER / Vietnam
- SIEE POLLUTEC ALGER / Algéria

EUROPELEC ALSO ATTENDS NATIONAL TRADE FAIRS SUCH AS :

POLLUTEC / Lyon
CARREFOUR DE L'EAU / Rennes



# PRODUCTION CONTROL AND MONITORING



As of 2018, EUROPELEC has chosen to relocate its production and to increase and modernise the capacities of its factory, located in Brégy in the Oise region. This decision is reflected



in the commissioning of a 1600 my extension, which was completed in early 2020.

Number of additional production space in square metres of our works in 2020 All the fabrication work and metalwork, in particular, is produced in-house. Some of the other components are manufactured by a number of French subcontractors, whose production is audited and fully checked all year round by us.

This is to make sure that our products meet our high standards when leaving their plants.

The control of the manufacture of components essential to the operation of EUROPELEC equipment enables us to guarantee

a constant and high level of quality in production.

All our product ranges have been designed using materials and components to ensure the durability and reliability of our equipment.

Il our steels are of European origin. Certificates of origin can be provided on request.

All our plastics and polymers are recyclable.

We choose from the most renowned manufacturers in Europe and make sure they meet specifications that are much substantially more demanding than those of their standard manufacture.

## products tested, CONSTANTLY IMPROVED



During the development phases, the performance of all our aeration equipment is modelled and then tested, first in our research laboratories, then in partnership with the IRSTEA (Institute de Recherche en Sciences et Technologies pour Environment et l' Agriculture) according to the NF EN 12255 guality standard.

EUROPELEC's R&D department also works on the constant improvement of existing products, often in partnership with higher education and research institutions such as ENSAM in Paris, or schools of the INP group.

Between 2017 and 2019, all EUROPELEC turbines have undergone significant optimisation to increase their efficiency and reliability. This is particularly true of the Aquafen high-speed turbines and the SOFIE submerged turbines.

## OUR COMMITMENTS



#### FRENCH MANUFACTURING

EUROPELEC has always produced its equipment in France.

The company uses its own workshops near Paris, in Brégy in the Oise region, and on a network of French SMEs which ensure quality subcontracting while contributing to the development of employment in the country.

Beyond the financial stakes, the control of the production of components is essential to the functioning of EUROPELEC equipment and is a guarantee of their quality and performance.

#### **CUSTOMER SATISFACTION**

- The expertise provided to customers
- The availability and reactivity of our engineering teams
- Quality control of our products
- After-sales customer service and support

Based on 64 years of experience and our significant know-how, EUROPELEC's sales teams and design office will advise you - from the initial design phase - on the solution best suited to your needs.

The company's technical teams also support you throughout your projects with technical advice, aftersales service plus installation or supervision, rental, maintenance, etc. are all services provided by EUROPELEC.

#### SAFETY

EUROPELEC considers safety to be a priority and regularly organises training courses for its employees to raise awareness of safety on the sites (risk assessment, Method Statements to cover work in confined spaces, deep tanks etc.), certification (CACES, etc.) or authorisations (working at height, etc.).

#### QUALITY

EUROPELEC has been a French manufacturer for 64 years and today offers its wastewater treatment equipment Worldwide.

### ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PROTECTION IS AT THE HEART OF EUROPELEC'S BUSINESS, DIRECTLY LINKED TO WATER TREATMENT AND QUALITY.

TO GO FURTHER IN THE PROTECTION OF THE ENVIRONMENT EUROPELEC USES RECYCLABLE MATERIALS (STEEL, POLYPROPYLENE, HDPE, EPDM, ETC.) IN THE DESIGN AND MANUFACTURE OF OUR PRODUCTS.

THE CONSTANT SEARCH FOR IMPRO-VEMENTS IN THE EFFICIENCY OF AERA-TION DEVICES (GROSS SPECIFIC INTAKE OR GSI) ALSO CONTRIBUTES TO REDU-CING ENERGY CONSUMPTION LINKED TO WATER TREATMENT AND THUS TO PROTECTING THE ENVIRONMENT.



## INNOVATION AND PERFORMANCE AT THE HEART OF OUR CONCERNS

#### EUROPELEC currently offer a comprehensive range of equipment and services in constant evolution in the water sector:

• Surface and Submerged Aeration Turbines, Brush Aerators and Fine to Medium bubble diffused Aeration Grids

• Degreasers, Grit Chambers and De-gassers, Decanters and Separators, Scraper Bridges, Suction Bridges, Thickeners.

• Bolted Metal Tanks for Effluent Treatment or Liquid Storage.

Between the redesign of the company's initial product range (Aquafen, Sofie) and the regular marketing of new products (Floating Ramps, Aerostream, Aerospeed, Noemi system).

- Pond Lining solutions in Aluminium, Fibreglass or with a Flexible reinforced PVC membrane.
- Rental service fora aeration and Mixing Equipment.

EUROPELEC is constantly seeking to expand its range of solutions while improving its performance and quality. Faithful to its DNA, and anxious to constantly improve the quality and reliability of its products, while listening to its customers, EUROPELEC has increased its research and development efforts over the last few years.



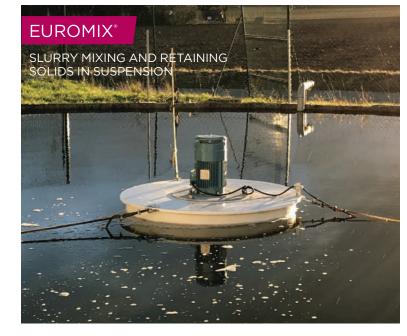
#### Pre-treatment



#### Pre-treatment



#### Mixing



# all Range

#### Surface aeration



#### Surface aeration



#### Surface aeration



#### Submersible aeration





#### Submersible aeration

#### **AEROSTREAM**<sup>®</sup>

AERATION AND MIXING OF SHALLOW TO MEDIUM DEPTH BASINS



#### Submersible aeration



#### Submersible aeration



#### Submersible aeration



#### Submersible aeration



Submersible aeration



#### Submersible aeration



#### Decanters





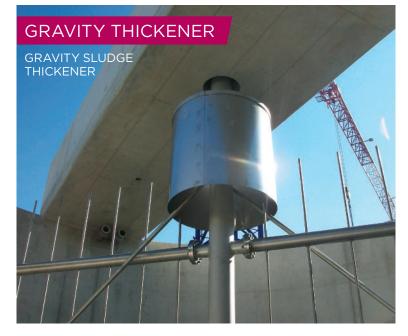
#### Decanters



Metal construction



#### Sludge Management



#### Others products



# ≋Europelec

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## europelec.com

info@europelec.fr +33(0)1 44 82 39 50





