

PT SME in the area of sanitation, construction and rehabilitation of pumping stations is looking for commercial partners, installers and end customers in Spain, Saudi Arabia and the African Continent for a commercial agreement.

Summary

Profile type

Business Offer

Company's country

Portugal

POD reference

BOPT20250321036

Profile status

PUBLISHED

Type of partnership

Commercial agreement

Targeted countries

- Bahrain
- Republic of the Congo
- Mozambique
- Egypt
- Ethiopia
- Angola
- Democratic Republic of the Congo
- Namibia
- Cabo Verde
- Equatorial Guinea
- Botswana
- Algeria
- Gabon
- Guinea-Bissau
- Guinea
- Spain
- Central African Republic
- Morocco
- Ghana

- **Nigeria**
- **South Africa**
- **Saudi Arabia**
- **Burkina Faso**
- **Kenya**
- **Benin**
- **Burundi**
- **Lesotho**
- **Mauritania**
- **Zimbabwe**
- **Gambia**
- **Zambia**
- **Mauritius**
- **Uganda**
- **Eswatini**
- **Tanzania**
- **Djibouti**
- **Tunisia**
- **Comoros**
- **Eritrea**
- **Liberia**
- **Cameroon**
- **Madagascar**
- **Niger**
- **Libya**
- **Somalia**
- **Sudan**
- **Chad**
- **Senegal**
- **Sao Tome and Principe**

- Mali
- Togo
- Malawi
- South Sudan

Contact Person

[Enrico FRANZIN](#)

Term of validity

24 Mar 2025

24 Mar 2026

Last update

24 Mar 2025

General Information

Short summary

Portuguese Company is looking for commercial partners, installers and end customers in Spain, Saudi Arabia and the African Continent, in the area of sanitation, construction and rehabilitation of pumping stations through innovative solutions, for which it can act under commercial agreements.

Full description

The Portuguese SME based in Mangualde is focused on water treatment (turnkey engineering), sanitation, construction and rehabilitation of pumping stations through innovative, durable and sustainable solutions that meet the needs of each client. The company is a distributor in Portugal, Spain, Saudi Arabia and the African Continent and is looking for business partners, installers and end customers for whom it could act as a subcontractor under a commercial agreements.

The PT SME represents the only patented in-line pumping system with direct connection to the effluent inlet. An innovative, durable, highly sustainable and environmentally friendly equipment, with a guaranteed return on investment thanks to savings in civil construction, energy and operation, and recently recognized at SMAGUA 2025 in Zaragoza through the awarding of the Technological Innovation Seal.

By raising gravitational effluents directly from the incoming pipeline, without being under load and without a retention well, the system makes it possible to overcome the inconveniences associated with retention volumes (it removes the decantation effect).

It allows you to reduce the operating costs of pumping stations by up to 80%.

The Direct In-Line Pumping System is composed of a stainless steel hydraulic body and 2 high-efficiency IP67 motor blocks, controlled by frequency inverters. It was designed to be installed in a dry well, directly coupled to the effluent that arrives at the pumping station, which will allow its admission without turbulence and a more reliable liquid level reading. The design of this system allows the wastewater and air mixture to be absorbed at the outlet of the gravity outfall, giving it the necessary velocity to be sent to the discharge point.

In this way, the water/air mixture is pumped (without purging the equipment) in a proportion of approximately 90%/10% respectively, based on the Venturi system. This feature allows water hammer to be compensated for, thus avoiding the need to install equipment for this purpose.

It has automatic monitoring, allowing savings in time and money with optimized energy and operational efficiencies. With the help of artificial intelligence, frequency inverters do not need a PLC and manage their operation autonomously. An example of this is the automatic unclogging function (reversal of the direction of rotation) that the system enables by combining several factors that indicate a clogging situation, makes adjustments in real time to manage the flow, avoiding system failures and periods of inactivity, detects and eliminates obstructions without human intervention and with remote monitoring options.

With a wide range of solutions, it is a recommended system for industry, pumping stations and wastewater treatment plants as well as hospitals, hotels, prisons, universities and waste complexes, and can be supplied in a fully stainless steel well, with a 25-year guarantee against corrosion and delivered ready to install and connect quickly and easily. Since 2007, we have sold and installed more than 200 pieces of equipment in Portugal and on the African continent, particularly in the Ivory Coast, which allows us to have a team with a level of knowledge/know-how capable of providing solutions to the problems of those who seek us out, from renovations to new pumping stations.

Advantages and innovations

In relation to other products on the market, the product represented by the company - Overwatch, allows the elevation of gravitational wastewater directly from the inlet pipe, in a closed circuit where there is no direct contact with the effluent, without the need for a retention well, well cleaning, minimizing visits and operation and maintenance work, reducing these costs by almost 80%. No emission of dangerous gases (H₂S), no odors and accumulation of sand and grease, preventing corrosion of equipment, incrustation of buoys and erosion of civil construction structures and without obstructions due to blockages. Minimizes civil works with lower costs, with installations with simplified maintenance. It has automatic monitoring, allowing savings in time and money with optimized energy and operational efficiency. With the help of artificial intelligence, frequency inverters do not need automatons and manage their operation autonomously.

Technical specification or expertise sought

Partners who value the innovative solution offered in the area of sanitation, construction and rehabilitation of pumping stations and see market opportunities to be able to expand the business together. The partner must have a business vision and knowledge of the local market and be able to understand existing problems and how to solve them together.

Stage of development

Already on the market

IPR Status

Secret know-how

IPR Notes

Sustainable Development goals

- **Goal 7: Affordable and Clean Energy**
- **Goal 6: Clean Water and Sanitation**

Partner Sought

Expected role of the partner

Public or private partners with business vision and knowledge of the local market, ability to respond to problems and resolve them together.

Type of partnership

Commercial agreement

Type and size of the partner

- **Other**
- **SME <=10**
- **SME 11-49**
- **Big company**
- **SME 50 - 249**

Dissemination

Technology keywords

- **10004006 - Sludge Treatment / Disposal**
- **04007003 - Process optimisation, waste heat utilisation**
- **10004002 - Municipal Water Treatment**
- **10004003 - Wastewater Recycling**
- **10004008 - Water Resources Management**

Market keywords

- **08002001 - Energy management**
- **08004004 - Other pollution and recycling related**
- **08005 - Other Industrial Products (not elsewhere classified)**
- **08004003 - Water treatment equipment and waste disposal systems**



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- Guinea
- Spain
- Central African Republic
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- Ghana
- Nigeria
- South Africa
- Saudi Arabia
- Burkina Faso
- Kenya
- Benin
- Burundi
- Lesotho
- Mauritania
- Zimbabwe
- Gambia

Sector groups involved

- Renewable Energy

- **Zambia**
- **Mauritius**
- **Uganda**
- **Eswatini**
- **Tanzania**
- **Djibouti**
- **Tunisia**
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