1 AST – Soluções Serviços de Ambiente, Lda.
R. da Tronco, 375 Escritório A19
São Mamede de Infesta, Porto
4465-075 Portugal
(+351) 220637277
office@asambiente.com
www.asambiente.com

AST is an environmental consulting and construction firm that designs and implements sustainable environmental solutions. In its field of expertise, AST is a full service provider studying challenges and designing solutions. AST builds, operates and maintains environmental systems. AST was founded in 2008 in Portugal and its technical team has more than 20 years of experience.

Depending on the client's needs, AST offers integrated manufacturing and supply solutions - either turnkey or on a rental basis - as well as technical support and operation services.

Landfill leachate treatment is the main area of specialisation of AST, and the team includes the specialists that started this activity in Portugal. Water and wastewater treatment and waste management projects are another area of the company's expertise.

SERVICES: Consultancy, Design, Construction, Operation and maintenance, Technical support, Rental.
PRODUCTS: Landfill leachate treatment systems, Water and wastewater treatment systems by membrane technology, Supply of equipment, parts and consumables.

EN 549, Parque Industrial Alto do Outeiro, Amm. C, Trajouce
2785-691 São Domingos de Rana Portugal
(+351) 214 447 540
geral@linhaagua.pt
www.linhadaagua.com

Linha D’Agua is an Engineering firm established in 2000, when it was joined by a group of experienced engineers from similar companies. Currently Linha D’Agua is part of the Martinez Group, operating on sectors such as Industrial, Oil & Gas, Energy, Water Treatment and EMS.

With a highly qualified team and the necessary technical resources, Linha D’Agua designs, installs, commissions and maintains Projects of Automation & SCADA, Instrumentation, Remote Monitoring, Water Treatment and Electrical Installations.

We operate in Portugal, Algeria, Angola, Turkey, Morocco and Spain.
Linha D’Agua has been a SGR001 certified company since 2009.


3 CAMS – Systems Consultants
Edificio Atlântico, Avenida D. João II, N.4 C, 2.2 Lisbon
1990095 Portugal
(+351) 919531710
carlos.santana@camsystems.com
www.camsystems.com

CAMS is a Portuguese IT Company, focused on delivering optimal solutions to its customers.
With more than 5 years of experience in Billing, we have developed an end-to-end Water Consumption Solutions.
We provide the link between devices and application platforms that make it possible to collect, process, invoice and control the water supplied to customers.

With the combination of innovative solutions, we aim to deliver new forms of revenue for our customers, along with delivering clear information to the final consumer, thereby aiming to stimulate a mentality of fairness, innovation, preservation of a common resource and improved sustainability.

Our Vision is better Metering, better Rating, better Invoicing and better Communications to end customers.

From Meter to Paying Customer.

WEBH SmartWater is a Metering & Billing centered suite which integrates smartmetering devices, rating, billing and customer communications, issuing and delivering statements and invoices through an innovative and engaging approach.

Intended for water suppliers, but also for other related businesses, WEBH SmartWater’s goal is to help comply with the industry’s best practices, provide an excellent customer experience and help drive new streams of revenue for the organization through monetization of the collected data.

4 GoReady
Rua José de Castro, 300 sala 119 Porto
4100-225 Portugal
(+351) 954494888
joaopaulo@gorready.pt
www.gorready.net

GoReady- A Software company that develops innovative solutions for the water sector.

Meter Optimization Server - A solutions to monitor meter data to maximize performance.

to reduce non-revenue water and to increase utilities revenue.

5 Águas do Ribatejo, EM
Rua Arquibancada da Costa Ramalho, 38, Salvaterra de Magos
2120-999 Portugal
(+351) 26509400
geral@aguasdoRibatejo.com
www.aguasdoRibatejo.com

Águas do Ribatejo is the municipal company responsible for water supply and wastewater treatment services in seven municipalities: Almeirim, Alpiarça, Chamusca, Conche, Salvaterra de Magos and Torres Novas. The company was founded with only public funds of the municipalities participating within the framework of the regional intermunicipal project of supply and coverage of water supply and wastewater services in the Tejo and Almonda region with a high sense of responsibility in environmental protection and consequent environmental sustainability. The mission of Águas do Ribatejo is to ensure a service of excellence that guarantees the continuous supply of quality water and the drainage and treatment of waste water in a universe of 150,000 inhabitants in seven municipalities that are part of the management entity.

6 Águas de Santarém
Praca Visconde do Sado nº 137 Santarém
2001404 Portugal
(+351) 243305050
geral@aguasedantasarem.pt
www.aguasedantasarem.pt

Águas de Santarém - EM, SA, is responsible for the public supply of water for human consumption in the municipality of Santarém and for controlling and developing the municipality’s wastewater network. This integrated vision allows for an overall improvement in the wastewater network’s functionality and efficiency and the continuous supply of quality water and wastewater, both to homes and for the collection and drainage of wastewater within the Municipality of Santarém.

Águas de Santarém’s mission is to satisfy the water supply and wastewater needs of the population of Santarém, within a framework of economic, financial and technical sustainability. A careful, often surgical, based on a policy of providing quality services aimed at demanding public, guided by principles of management effectiveness, taking into account continuous improvement, not neglecting the defense of social and environmental values.

7 DevScope
Rua Passos Manuel, 223, 3º Porto
4000-032 Portugal
(+351) 223751350
caterina.ricca@devscope.net
www.devscope.net

DevScope is a dynamic, experienced and experienced company specialized in mentoring and development services with cuttingedge technology. The company evolves around passionate teams to design and build innovative apps and solutions for BI, Big Data and data visualization, CRM, collaboration and web portals, integration platforms, SaaS, cloud and mobile. DevScope is proud to be on the cuttingedge and to help Microsoft and their customers adopt the latest technologies. DevScope is an early adopter of many products and solutions, and thus often takes part in TAP (Technology Adoption Programs) and, later, in the "Beta" teams to evaluate and test

8 Aguasistemas
Rua Professor Rogério Couto, 37 Vila Nova de Gaia
4400-901 Serzedo Portugal
(+351) 22750720
geral@aguasistemas.pt
www.aguasistemas.pt

Aguasistemas was created in 1997, and its main area of activity is supplying accessories for the hydraulic infrastructures construction sector. The company is deeply committed to the quality of their commercial products and their services. This distinction has gained Aguasistemas the recognition of its customers, which has resulted in a constant increase in its sales volumes, both in the domestic and foreign markets.

9 Hydroko N.V.
Oudemanstraat 14 Kapelleopdenbos
1880 Belgium
3215711970
info@hydroko.com
www.hydroko.com

Hydroko is a privately owned Industrial company based in Belgium. Its core business is the distribution and production of top quality valves and accessories for public water supply network systems. Hydroko has been a trustworthy supplier to the main Belgian water distribution companies for over 30 years. The Inhouse development of a groundbreaking, leadfree, plastic valve propelled Hydroko to market leadership in Belgium. Owing to its latest innovation: an automated, remotely controlled valve, Hydroko is now further expanding internationally through a network of carefully selected partners.
Microsoft’s products, before they are widely distributed in the market. DevScope is Microsoft’s Gold Certified Partner, continuously renewing a commitment to the highest level of partnership in all its areas of expertise.

DevScope takes into account the overall desires and motivations of an organization, the potential impacts on individuals and the broad understanding of the ecosystem’s expectations to develop new and exciting products. Our company has several products in its catalogue with special emphasis on SmartDocument, CIRMarketing, Power BI Tiers Pro and PB Scorecards. PB ScoreCards are a platform enabling companies to easily setup scorecards and KPI’s, generating dynamic performance reports using Power BI.

10 Action Modellers – Consulting & Technology
Estrada Principal n° 2ª RC Mata 2945060 Portugal
(+351) 26363 660
frank@actionmodellers.pt
www.actionmodellers.com

ACTION MODELLERS – Consulting & Technology, Lda is Portuguese consulting company, mainly focused on numerical modelling, development of software solutions and safety planning services. ACTION MODELLERS is managed by personnel from various branches of engineering and management, working in close collaboration with the client, thus enabling it to successfully achieve all proposed objectives. Since it was founded, ACTION MODELLERS has continuously participated in national and international research projects, which allows the company to always offer state-of-the-art solutions. ACTION MODELLERS software solutions are used in over 40 countries worldwide by hundreds of highly skilled professionals linked to the water business.

ACTION MODELLERS provides software solutions and professional services related with numerical models for the natural and urban water cycle. Main Software Products are: (i) MOHD Studio® – A Graphical User Interface to configure, run and explore a wide range of numerical models and (ii) ACTION Server – An operational data server which can be used for a wide range of applications (e.g. Water Resources Planning, Flooding, Port Management). ACTION MODELLERS provides all kinds of services related with the abovementioned software solutions.

11 Aqualogus – Engenharia e Ambiente, Lda.
R. da Mar da Mina, nº 1F, Escritório 2.4 Lisboa 19950137 Lisboa Portugal
(+351) 217520190
geral@aqualogus.pt
www.aqualogus.pt

AQUALOGUS has the main objective of providing high quality services, ensuring that the works are executed in a rigorous, ingenious and innovative way. The company endeavours to defend and promote environmental and social values. In this sense, AQUALOGUS has a certified Integrated Management System – Quality, Environment, Safety and Social Accountability – in accordance with standards EN ISO 9001, EN ISO 14001, OHSAS 18001 and SA8000. The company is recognized as a General Quality Manager in Construction Projects, regarding Quality Brand from the Portuguese Laboratory for Civil Engineering, as well as having a good reputation for implementing ISD in its activity segments.

AQUALOGUS operates in about 25 countries, with branches, delegations or representations in the following countries: Mozambique, Morocco, Algeria, Turkey, Pakistan, Armenia and Singapore.

AQUALOGUS is a company of engineering consultants with more than 20 years of activity and operates mainly in major hydraulic works, Water Resources Planning and Management; Dams and Hydraulic Infrastructures; Irrigation Schemes; Hydropower Schemes; Geotechnical Works; Special Infrastructures; Water Supply and Waterway Systems; Flood Protection and Mapping; Water Quality Modelling; Environmental Assessment and Monitoring; Project Management and Construction Supervision; Research, Development and Innovation.

12 Afluxo S.A.
Parque Proclama Quinta da Areia 2834810 D.ª Maria Isabel (+351) 21 212 138 653
luis.pomares@afluxo.pt
www.afluxo.pt

Afluxo S.A. is a company of the Sacramento Campus Group, created with the aim of becoming a distinguishing player in the basic sanitation market. This specialization came to meet the emerging concern of multiple public sectors; to find technical solutions for both water distribution or treatment, the installation of more reliable equipment, which are easier to install and replace, using fewer fittings and occupying less space. For this purpose, we have endeavoured to represent high quality equipment and innovative technical solutions. We represent exclusively Hawk valves and fittings, Kramer and Valmun fire hydrants, NICOL drainage channels, LimaSta drainage channels and floor drains in stainless steel, and Gerdur PEAD RC piping.

Resilient seated gate valves; Flanged; Restraint socket S2000; PE Fusion tails; T and crosses with integrated valves; Service valves in Polycast and DCI; Butterfly double eccentric valves; Flange adaptors to HDPE, PVC, DCI and Steel – restraining or loose; Joining and repair systems for Leaks and leaks: Polycast and DCI fittings; HDPE-RC (resistant to crack) pipes; Drainage channels and floor drains safely shut-off valves with “survival flow.”

13 Satel Ibérica
Ctra. de la Conuta Km. 10,200, Edificio C-Planta Baja, Las Rozas 28331 Madrid, Spain
(+34) 670562 281
ignacio.sat@sateliberica.com

Satel is a multinational and world leading expert in Radio-Networking Technology which it has been developing for more than 30 years. The company is based in Finland and operates in more than sixty countries. We develop, manufacture and sell high quality Radio Technology Solutions to send largescale data in real time. We have more than half a million devices already installed all over the world. The Radios include MSK applications for monitoring, realtime remote control and telemetry of multipoint signals. OurCommunication Solutions are extensively used in Water and Wastewater Management Systems such as Pumping and Treatment Stations, Desalination Plants, Storage Depots, Distribution Substations in Smart Water Grids, communication between RTU, PLCs and Scada-systems, Irrigation Systems and Telemarketing in Emergency Plans of Dams and Reservoirs.

Due to market demands, the concept of Radio modem has changed to Radio Router, and thus we have developed a product that Integrates Serial + IP and has the most spectral efficiency and advanced features, and which is called “Satel’s Radio Router®”. It enables protection, cyber security, mission critical connections, reliability, high availability and redundancy. We provide the complete solution, from network design and dedicated customer service to technical support. To determine feasibility, every single project is subject to a previous Theoretical Coverage Study. Additionally, we have launched a software for remote and errorfree configuration.

14 CTGA - Centro Tecnolóxico de Gestión Ambiental, Lda.
Estrada de Coastelas-Largo da Maria Linda 5000129 Porto
(+351) 229704576
eeiquelafrica@ctga.pt
www.ctgavizual.pt

CTGA has established itself as a company specialized in the Design and Management of Water Supply and Drainage Wastewater Treatment Systems, from the collection, treatment, storage and distribution of drinking water to the collection, transportation and treatment of urban and industrial effluents. The company is structured for the complementary areas of interventions - Engineering and Environment - and its target clients are Private Companies and Public Institutions.

CTGA is committed to excellence due to the quality of its services, seeking the best practice, the most innovative and efficient solutions, and the most effective procedures that can lead to continuous improvement and superior performance. For two decades, CTGA has been providing quality services based on continuous improvement and superior performance.


15 IT Gest Software e Sistemas Informáticos, Lda.
Rua Alávio Castelões 52 2.º Sala 2.2 Matosinhos 4450045 Portugal
(+351) 229 398 324
vitor.pirica@delesnamicos.com
www.itgest.pt

IT Gest is a subsidiary company of the IT Tech Group, a multinational holding that invests in technologybased companies. ITGest has local companies in Portugal, Angola, Mozambique and India. ITGest is a systems integrator and a longtime partner of SAP, and we’ve been delivering SAP and proprietary solutions since 2008 in Africa and Europe. We leverage our knowledge and experience in implementing enterprise management systems to achieve customer objectives and produce the maximum positive impact. The water sector is strategic for ITGest, which focuses on the challenges that countries and citizens face in preserving their resources, whilst also seeking to deliver to the growing number of consumers, a task that has become increasingly complex. ITGest is a reliable partner in the water sector.

Smart Customer Service, an easy to use process interface designed for customers facing processes over SAP ISU (Industry Solution for Utilities), increases productivity and customer satisfaction at first-line commercial and technical operations. Enterprise management solutions (COT-IT Integration) and asset management lifecycle optimization, Revenue assurance programs, targeting commercial process efficiency, Reduce commercial losses due to inefficient control procedures, internal and external fraud and increase collections. Laboratory Information Management System and Quality Management System for water labs, SAP certified services provider and education center. Design and implementation of infrastructures, including cloud services. Certified training in it, management sciences and utilities management processes.

“HydroKoneit Smart” – an automated valve that can be controlled by the water supplier from anywhere and at any time. The “HydroKoneit Smart” automatically sends data from the water meter using Sigfox communication technology. This allows the end consumer to consult his daily water consumption and receive warnings, for example, in case of a leak. This innovative product allows water utilities to shift towards service oriented, sustainable and social business models.
Águas do Porto, EM
Rua Barão de Nova Síntia, 285
4300-567 Porto Portugal
(+351) 225 190 800
gera@aguasdoporto.pt
www.aguasdoporto.pt

Águas do Porto, EM, is a municipality company responsible for all the urban water cycle in the city of Porto, which include the water supply system, the sewerage and rain water drainage system, the treatment of the waste water, the management of the urban streams and all the municipality beaches and, at last, the environmental education.

The first documentation of the water supply in Porto is from 1392 where the city had several fountains for public use. Águas do Porto started in 2006 with the transition of SMAS (Serviços Municipais de Água e Saneamento) with all the sewerage drainage and treatment and water supply system. The other areas came before the company foundation, and now the company has a total of 153,000 clients.

Our mission is to ensure a complete and effective management of urban water cycle, creating economic and social value, client-focused, developing good environmental and management practices, and internal motivation.

Our vision is to become a benchmark company with international recognition in the management of urban water cycle.

Be Water, S.A.
Rua Conselheiro Maria Rodrigues, 19 Apartado 51 Mafra
2640839 Portugal
(+351) 261 109 970
bewater@bewater.com.pt
www.bewater.com.pt

Supported by the Beijing Enterprise Water Group (BEWG), a leading provider of integrated water systems solutions, Be Water, S.A. is a company with more than two decades of experience in the Portuguese water industry. The company’s experience is based on wide range of contracts, fully respecting the requirements of each contract, with the ability to develop the best solutions and the flexibility to adapt to customer needs and demands. As a urban water cycle specialist, Be Water is able to offer different solutions tailored to each sector, activity, specificity and requirement, relying on the cohesion and knowhow of its professionals working to provide services of excellence to all customers.

Concession Contracts / Service Management / Operation / Maintenance / Service Provision / Technical Assistance

Enermeter – Sistemas de Medição, Lda.
Parque Industrial de Cedofeita – 2º Fase Lugar de Gaia – Lotes 5 e 6 Braga
470505 Portugal
(+351) 253 987 737
smartins@enermeter.pt
www.enermeter.pt

ENERMETER is a technology-based company working in the development of innovative solutions for the metering sector, water, gas and electricity and artificial vision for image analysis.

Started in 2001 and based in Braga, the company has grown consistently due to a forward-thinking and innovation-oriented attitude and a high level of dedication to clients. It offers a highly trained professional and largely experienced team that aims to overcome any challenge.

ENERMETER is a market leader due to the high customization level of its solutions, rigorous implementation, ongoing research, as well as the development of partnerships, aiming for full customer satisfaction.

ENERMETER develops and commercializes systems and services for measuring, controlling and managing energy and fluids. For water:
- Domestic & Industrial Meters:
  - Volumetric: Velocity, Ultrasonic, Electromagnetic
  - DN15 mm to DN500 mm
  - Telenet Systems via radio 908 MHz
  - Mobile and Fixed Network
  - Remote Electronic Shut-off Valves
  - Ultrasonic Residual Water Monitoring
  - Multiparameter DApeggers for Remote Grid Monitoring
  - Automatic Pressure Control for Pressure Reducing Valves (PRV)
  - Network and Water Loss Monitoring Software
  - Integrated event management

DouroECI – Engenharia, Consultoria e Inovação, Lda.
Rua Augusto Rosa, nº 59, sala 1.08
4000-098 Porto
(+351) 220 010 905
douroeci@douroeci.com
www.douroeci.com

A company with a clear focus in the water sector covering the urban water cycle in the areas of engineering, consulting and innovation. An organic, flexible and structured model based on a senior team with 15+ years of experience working in water management.

A team dedicated to water utilities support, based on extensive experience in managing and implementing projects in utilities, with state-of-the-art knowledge and the right partners for each area of intervention. We believe in teamwork, developing and implementing projects that meet objective needs, promoting an integrated and integral vision of the water and sanitation systems.

DouroECI has been part of the Metro group since 2006, a company with over 55 years of experience in water management.

Engineering: Water, wastewater and storm water systems planning, design and optimization
- Water and wastewater treatment design and optimization
- Hydroelectric engineering
- Integrated water resources management
- Intelligent water solutions
- Consulting: Technical assistance and project management
- Non-revenue water and infiltration and inflection management
- Infrastructure asset management planning
- Water quality and safety
- Economic feasibility studies for water utilities
- Institutional development
- Innovation
- Adaptable solutions to promote efficient water management
- Water utilities business intelligence, monitoring and performance assessment
- Knowledge transfer, training and capacity building

Moinhos Água e Ambiente, Lda.
Zona Industrial Alto da Cruz Rua B, N°66-Apartado 165 Santo Tirso
4700-379 Portugal
(+351) 918 869 117
catalafia@moinhosambiente.com
www.moinhosambiente.com

MOINHOS AGUA E AMBIENTE, Lda (MAA) is a Portuguese company in operation for 20 years in the development and application of technologies and environmental solutions, especially in the water sector.

Operating in Portugal and in many countries of Africa, MAA always assumed to be an avantgarde company, looking forward to be on the front line of the best and environmentally friendly technologies available on market.

Thus MAA was a pioneer in the application of technologies such as: ozone as a tertiary treatment; Ultrafiltration for WTP; MBR (membrane bioreactor) for safe waste water reuse.

MAA recently developed its own autonomous solar energy systems for remote areas with a lack of water and with no electricity generating facilities.

MAA offers integrated solutions ranging from design and project, to construction, manufacturing and installation, and subsequent operation and maintenance. The company also develops its own solutions, technologies and equipment.

MAA is active in a wide range of economic sectors, ranging from domestic and urban applications to municipal and industrial applications.

Its areas of expertise include the treatment of industrial water, water for human consumption, waste water treatment and reuse, by using technology ranging from the most conventional to the most modern (MBR, UF, Ozone, RO).

AGS – Administração e Gestão de Subalvidade, S.A.
Lagos Park – Edificio 6-Piso 0A Porto Salvo
2740-044 Portugal
(+351) 219 563 600
ags@ags.pt
www.ags.pt

AGS – Administração e Gestão de Sistemas de Subalvindade, S.A is a Portuguese water services operator dedicated to water and wastewater infrastructures management, operation and maintenance, covering the entire urban water cycle.

AGS is a private company founded in 1988, with a share capital of 29,000,000€, owned by Mursbeni and INCL – Innovation Network Corporation of Japan.

AGS holds 11 water utilities in Portugal and 2 in Brazil, serving more than 1,300,000 inhabitants and operating more than 1,000 facilities.

Operation and maintenance
AGS promotes operation and maintenance systems efficiency and effectiveness through various activities and specialized services, including: operational management, equipment maintenance, quality control, process control, laboratories and reagents.

Engineering services
AGS engineering services are focused on developing technical and technological solutions, promoting efficiency and value generation in water utilities.

AGS has the goal of boosting technologies and methodologies in the following areas: asset management, nonrevenue water reduction, infiltration and infiltration control, water safety plans, energy efficiency, hydraulic modelling, work orders management and business intelligence.
AVK Valvulas, S.A.
Polígono Industrial Francoz Parcela 27 Tarragona
43006 Espanha
(+34) 977 653 000
nuno@avkvalvulas.com
www.avkvalvulas.com

The AVK Group is a privately owned industrial group that currently comprises more than 90 companies. AVK Valvulas is the subsidiary sales company of the AVK Group for Portugal, Spain and several Hispanic countries in America. AVK is one of the leading valve manufacturers and provides for water, gas, sewage treatment and fire protection. When dealing with the AVK Group, expect quality, reliability, functionality and long lifetime in service.

AVK’s core business is the production of valves, hydrants and accessories for the water and gas distribution network, sewage treatment and fire protection. Furthermore, AVK has built up strong brands supplying valves and controls for water treatment, dams & reservoirs, HVAC, chemical processing, marine and other industrial sectors. AVK products are designed to comply with the major international standards and are sold worldwide. Expect solutions, not just products!

Ambiporto-2: Tratamento de Efluentes, ACE
Av. Salvador Allende 25 CTEiras
2780-163 Portugal
(+351) 21 210 100
secretariado@ambiporto.pt
www.ambiporto.pt

Following the services provided by Ambiporto, during seventeen years, at the Fresco Waste Water Treatment Plant (WWTP), Ambiporto 2 was created by the joint effort of two companies, SSSaco and AGS, to carry out the full operation and maintenance of the two WWTP of the city of Porto: Fresco and Sobreiras. The Fresco WWTP has a treatment capacity of up to 170,000 pe, and Sobreiras up to 200,000 pe. The company comprises a team of 55 technicians, with 24/7 operation assistance. The client is the city of Porto, through its Municipal Company Águas do Porto, for a sevenyear period.

Description of the Main Products and Services for the Catalogue (Maximum of 80 words)
Ambiporto 2 provides the following services:
- Operation, maintenance and control of the Fresco and Sobreiras wastewater treatment plants;
- Water and wastewater analysis;
- Advisory engineering services.

EFAFLU Bombas e Ventiladores S.A.
Rua de S. Brás 2/A Póvoa de Varzim
4494909 Portugal
(+351) 222 298 700
asaravia@efaflu.pt
www.efaflu.pt

EFAFLU offers a complete range of products and services for pumping and ventilation systems. We cover a wide range of applications related to pumps and pumping systems: pressurization, underground water, drainage and sewage, HVAC and OEM products.

For pressurization equipment, we have:
- Normalised End-suction pumps according to EN735 and ISO2858
- Horizontal and vertical multistage pumps
- Siphon pumps
- Booster sets for water supply or firefighting applications

We work with our clients to make their projects better!

EFAFLU offers a complete range of products and services for pumping and ventilation systems. For pumps and pumping systems, we cover a wide range of applications: pressurization, underground water, drainage and sewage, HVAC and OEM products.

For pressurization equipment, we highlight:
- Normalised End-suction pumps according to EN735 and ISO2858
- Horizontal and vertical multistage pumps
- Siphon pumps
- Booster sets for water supply or firefighting applications

Above all, we work with our clients to prepare a personalised and optimised solution to make their projects the best!

Parceria Portuguesa para a Água (PPA)
Edifício de Serviços da AEP, Avenida Dr. António Macedo, Freguesia de Leça da Palmeira
4405-647 Matosinhos Portugal
(+351) 224 44 191
anacarlos@ppa.pt
www.ppa.pt

The Portuguese Water Partnership has the mission of promoting an effective link between professionals, institutions and companies in order to disseminate the knowledge and skills of the Portuguese water sector throughout the world and to catalyse opportunities in international markets and in the area of cooperation within the framework for the development of sustainable projects in line with the United Nations’ Development agenda. Its members are organizations belonging to one of four clusters: enterprises (private and public), universities and research centers, professional associations and civic society organizations; and government agencies. PWP maintains regular contacts with other international organizations active in the water sector and, since its inception in 2011, has acquired significant experience participating in, and sometimes leading, significant projects in partnership with other entities, both national and international.

The main objectives of this nonprofit Association, which at present comprises 140 member organizations, are to: Promote the sharing of knowledge and experience among Portuguese companies interested in internationalization; Identify and support new opportunities for the development of projects and initiatives in global markets; Promote dialogue between partners and international institutions and establish multipurpose partnerships; Advance the establishment of a forum for reflection on future challenges; Promote innovation in the water sector, facilitating cooperation between companies and research centres.

Manvia - Manutenção e Exploração de Instalações e Construção, S.A.
Rua Maria Dinislio, nº 2º Piso Linda-Valhav
2790-157 Portugal
(+351) 21 198 620
nuno.manvia@manvia.com
www.manvia.com

Manvia started operating in 1998 with the goal to develop the maintenance business in Portugal. In 2003, the company became part of the MobiEng/Group, thereby gaining a new position in the maintenance market. During 2005, Manvia became a public limited liability company focused on providing maintenance services in buildings, environment, industry and energy. Currently, the company has over 600 employees in different business areas. Over the years, Manvia has built a solid reputation in Portugal and abroad, as a maintenance and technical services company, standing out for its competence and highly effective problem-solving skills.

Manvia is a certified, dynamic and innovative company which has been gaining its space and reputation in the maintenance and facility management market.

- Maintenance audits;
- Comprehensive management of asset health;
- Implementation of maintenance management indicators;
- Definition of procedures “checklist” and equipment inspection;
- Exploration, operation and maintenance of Water (and Waste) Treatment Plants (WTP and WWTP) and Pumping Stations (PS);
- Exploration, operation and maintenance of infrastructures designed for water transport and distribution with irrigation and consumption purposes;
- Maintenance management software;
- Analysis and technical framework studies and maintenance engineering;
- Maintenance systematization and organization;
- Customer care service while drafting investment plans and budgets.

Veolia Portugal, S.A.
Estrada de Paço de Arcos, 42 Paço de Arcos
2770-129 Portugal
(+351) 21 404 745
ssofia.figueredo@veolia.com
www.veolia.com

Veolia is the global leader in optimised resource management, responsible for designing and providing water, waste and energy solutions that contribute to the sustainable development of communities and industries. Through its three complementary business activities, Veolia is committed to resourcing the world by continuously implementing solutions aimed at improving access to resources while at the same time protecting and renewing those same resources. Veolia works to develop synergies between the three areas of the business—water, energy and waste, building on the areas of excellence developed over the years, to derive maximum benefit from the links between the water, waste and energy segments and contribute to a more circular economy.

Veolia solutions for resource management is to provide innovative, differentiating and added-value products and services to Industry and local authorities customers:
- Water—management of the global water cycle, from production and distribution of drinking water to the collection, treatment and recycling of wastewater;
- Waste—liquid and solid nonhazardous waste management, from collection to recycling, leading to the final recovery of waste as materials or energy;
- Energy—efficiency management, from heating and cooling networks, green energy production,
35  
**Secretaria Geral do Ministério do Ambiente**

*Republica do Brasil*

**RUA DE CÓRDOVA, n.º 65, Lisboa**

Tlf: (+351) 212 555 606

**diplomas@seg.org**

**www.seg.org**

**The World Water Forum (WWF) is the world’s biggest water-related event, promoted by the World Water Council, and brings together all interested parties. The WWF2018 will take place in Brasília (Brazil), from 18 to 23 March 2018, and includes the Thematic Process, the Political Process, the Regional Process, the Citizens Forum, the Sustainability Focus Group and the Fair and Exhibition.**

**WWF2018 will, for the first time, take place in a Portuguese-speaking country and will coincide with the Brazilian presidency of the Community of Portuguese-Speaking Countries (CPLP).**

Recognizing the value of this opportunity, the Portuguese government has launched the project "Portugal towards Brasilia 2018", aiming at a comprehensive and timely preparation involving all participants.

36  
**AdP - Águas de Portugal, SGPS, S.A.**

*Rua Visconde da Seabra, nº 3, 4º 1705-421, Lisboa Portugal*  

(+351) 212 648 030  

eula@adp.pt  

www.adp.pt

**www.aguasportugal.pt**

**The core activity of AdP - Auntas de Portugal Group involves the integrated management of the urban water cycle: from the abstraction, treatment and distribution of water for public consumption, the collection, transport, treatment and disposal of urban and industrial wastewater, including recycling and reuse.**

Through its different companies, the Group has a nationwide presence in Portugal, providing services to municipalities and also directly serving populations. The AdP Group also operates in the renewable energies sector, in the international field, with operations in various Portuguese-speaking countries, in addition to shared services and IT systems.

37  
**WEGeuro Indústria Eléctrica, S.A.**

*Rua Eng. Frederico Ulrich 21, Maia Sector V Maia 4470-065 Portugal*  

(+351) 229 477 700  

info@weg.net  

www.weg.net

**Foundation in 1963 in Brazil, WEG is today a company with global implementation, with more than 30,000 employees. The manufacturing of electric motors was the company’s genesis, but today WEG is a global provider of energy solutions, Control Systems, Command and Control of Motors and Systems for the Distribution and Transmission of Energy, operating in Portugal, with a factory in Maia since 2002.**

WEG is today a reference in the National Industry, dedicated to the manufacture of electric motors, design and implementation of Automation Solutions, Energy and Services. With a capacity for Development, Research and Engineering in Portugal, WEG has had sustainable growth, reinforcing the position of an Industrial platform and Services for the World.

Low, Medium and High Voltage Industrial Electric Motors for Safe and Hazardous Areas; Geared Motors; Drives, Soft Starters and Servo Systems; Signalizing, Command and Protection of Motors; Automation Solutions with cabinet mounting; Monitoring, Commissioning and Startup of Electric Motors and/or applications with Variable Speed Drives, Application Improvement study and advice to the client in choosing the most appropriate equipment, to achieve greater energy efficiency by the operation or installation.

38  
**Itron Sistemas de Medição, Lda**

*Rua José Cavaca, 671 Vila Nova de Famalicão*  

4705-055 Portugal  

(+351) 252 520 300  

halicabo@iron.com  

www.iron.pt

**Itron is a global technology company. We develop solutions that help energy distribution companies and management entities measure, monitor and manage energy and water. Our broad product portfolio includes measurement and control technology for electric power, gas, water and thermal energy, communication systems and software, and professional services. With thousands of employees, Itron assists nearly 8,000 energy distribution companies and management entities in more than 100 countries in the management of energy and water resources in a responsible and efficient way.**

Services and solutions for Non-Revenue Water Reduction, AMR and AMI systems, Water Meters, Heat meters, Gas meters, Electricity meters.

39  
**Águas de Gaia, EM**

*Rua 14 de Outubro, 495 - Apartado 35 Vila Nova de Gaia 4433-954 Portugal*  

(+351) 223 770 460  

sca@aguasgaia.pt  

www.aguasgaia.pt

**Águas da Gaia, EM is a municipal company that has the mission of providing regular, continuous and high quality water distribution and residual water drainage, within a sustainable environmental perspective. Águas de Gaia also manages the exploration of pluvial waters and urban solid waste.**

The main services of Águas de Gaia, EM, SA are water distribution and residual water drainage, at the municipal level, in an economic and sustainable manner. Águas de Gaia, EM, SA manages the pluvial water drainage system.

40  
**Somague Ambiente**

*Rua Dr. Lobo Monteiro, nº 94 Páços de Ferreira 4595868 Portugal*  

(+351) 220 112 630  

sofa@somague.pt  

somague@somagueambiente.com

**Somague Ambiente is a Portuguese company, part of the Sacor Group, specialized in different areas.**

Covering a wide range of services, its key areas of activity are based on the valuation of waste, urban services, water, green spaces, infrastructures, urban mobility, energy and engineering.

With more than 200 employees, it is the managing entity of the Hidrabaue waste company and of the water sanitation concessionaires Águas de Barcelos, Águas do Marco and Águas de Picos de Ferreira.

Hidrabaue Services is a specialized company that operates in the area of Multiservices with a strong Environmental base.

The Barcelos, Picos de Ferreira and Marco Waters operate and manage, on a concession basis, public water supply and drainage and wastewater treatment service in the respective municipalities where they operate.

41  
**Hidrolab**

*Parque Empresarial Campolimão – Av. Gregório Arcos, 45 Albacete 02807 Spain*  

(+36) 22204331  

halab@hidrolab.es  

www.hidrolab.org

Hidrolab offers nearly 30 years of experience in different water treatment processes, mainly in the field of industrial wastewater, water purification, sludge treatment,.. We can perform water treatments, from technical consultancy to project execution. We always perform prior laboratory trial tests to guarantee the success in this activity. Sometimes this work leads to innovation in current equipment processes. The company also has a laboratory with many accreditation certificates. In our laboratories we can analyse many types of water, solid and gaseous samples. Lastly, Hidrolab develops and supplies instrumentation systems of environmental monitoring equipment and provides supplies from the best recognized firms on the market.

Compact Physicochemical treatment units; 2-3 stages plus decantation in the same compact unit. Filter presses, with different levels of automation, including complete cycle and clearing automation. Biological treatments by activated sludge made in GPR, Biofilters. Auxiliary equipment of SS or GPPR.
42 Cerfonta - Comércio Técnico de Mão-Loça Lda
Zona Industrial de Vila do Conde, Lote 36-Maia
3020-481 Portugal
(+351) 252294806
geral@cerfonta.pt
www.cerfonta.pt
Cerfonta - 30 anos inovando. At Cerfonta, we create the clearest cities in the world. We’ve offered faster, safer, quieter, more thorough and more environmentally friendly cleaning solutions since we started operating in 1986. Our customers are at the heart of everything we do. That’s why we have a variety of flexible solutions to clean their unique spaces, surfaces, situations and contexts.

Combined suction flushing vehicles for sewer cleaning with recycling water; CCTV inspection equipment and leak testing systems for optical pipe and sewer inspections; Eco-friendly nodding pipes and sewer rehabilitation; Sewer rehabilitation: milling robots; Leak detection: industrial sensors, listening equipment, correlators, environmental monitoring, pipe detectors.

44 AdePorto - Agência de Energia do Porto
Rua Gonçalo Cristóvão, 347, sala 218
4000-070 Porto Portugal
(+351) 229 920 193
geral@adepporto.eu
www.adepporto.eu
It also collaborates with 22 associated institutions, both private and public, all representatives of economic, scientific and social activities, providers of energy, R&D institutions, professional associations and academic entities.
It covers a population of over 1 million people and a territorial area of more than 180 km2. AdePorto is a private and nonprofit organization created in 2007.
AdePorto focuses on cooperation with and technical support to their members, for energy usage diagnosis, the definition, implementation and development of strategies and action plans for energy and the environment, the promotion of penetration of concepts and appropriate technologies for the effective use of energy and endogenous energy resources, endeavouring to develop and disseminate good practices and technical, financial and economic information among energy users.

49 PROEF Rua das Condominhas, 15/09 Porto
4150-022 Porto 1
(+351) 224 404 000
ruadinho@proef.org
www.proef.org
The Proef Group aligns its activity in four business areas - Proef Engineering, Proef Partners, Proef Renewables, and Proef Industries & Services - capitalizing on synergies between the various companies and enhancing the international processes’ levels of efficiency.
The Proef Group consists of more than 25 companies, currently operates in 31 countries, and overall has 1,500 employees.
Based on global solutions in the areas of telecommunications, electricity, water IT, renewable energy and energy efficiency, as well as insurance and equipment rental, the Group invests in products and services that guarantee its customers a high degree of quality, differentiation and innovation.
From Foundations, where we’re able to deploy full turnkey infrastructure solutions, to the Field where our knowhow, efficiency and full commitment are available to our customers on a 24/7 basis, to our Digital Transformation development area where we partner with our clients to develop their Next Solutions; we aim to deliver value in 3 main axes: economical, operational, and strategic.

50 Ubiwhere Traveisa Setor das Barizzas, 38 Aveiro
3860005 Porto Portugal
(+351) 234 494 466
info@ubiwhere.com
www.ubiwhere.com
Founded in 2007, Ubiwhere is focused on Research and Innovation of software-based solutions in the areas of Smart Cities, Telecommunications and Internet of the Future. Focusing on its clients and industry, the company areas of expertise focus on Interoperability, Open Data and cloud based smart services, as well as Quality of Service (QoS), Convergence Networks and Services of Future Internet (e.g. 5G-SDN and NFV). With 7 national offices and around 50 employees, Ubiwhere is committed to ensure the best practices at quality management level, holding certifications such as ISO9001 and CMMSDev level 3.
Ubiwhere’s services focus on the research and development of technologies across several markets, namely; Telecom and Future Internet; Sustainable and Efficient Resource Management; Transportation, Travel and Tourism. Some of the main products developed by Ubiwhere are focused on aspects of Smart Cities such as environmental monitoring, waste management, and energy and water metering. The Water Consumption App developed for Aqua do Porto, where Ubiwhere’s knowhow in areas such as data analytics and systems integration played a pivotal role, is one of the examples.

51 Hanna Instruments Portugal
Z. de Amorins, Rua Manuel Dias, nº 392,fracção I Amorim-Póvoa de Varzim
4494-129 Porto
(+351) 225249670
info@hannaport.com
www.hannaport.com
Founded in Italy in 1976, Hanna Instruments has grown to be a worldwide leader in the development of electroanalytical instrumentation. Hanna Instruments has a history of developing innovative products that make analytical test measurements easier to perform at an affordable price. Many innovations introduced by Hanna are now the norm for the instrumentation industry. We are not only an instrumentation designer but also a vertically integrated manufacturer. From an original idea for a product to the finished good, we are in control of the entire process. We are proud to offer unique solutions for our customers and strive to understand the challenges our customers face in performing analytical measurements so that we can develop an accurate and simplified measurement system.

52 Bluenet SA
Rua Aníbal Cavaco Silva,. nº 363
4050-049 Porto Portugal
(+351) 220 990 536
nunogomes@bluenet.com
http://bluenet.com/
Bluenet is a company that believes in a sustainable future, integrating business and sustainability in a good way for the environment, society and economy. Bluenet’s operations focus on the areas of gas, wastewater, potable and bioremediation treatment with customised and innovative solutions, combining high performance and low maintenance costs.
Bluenet’s portfolio offers solutions to potablewater, waste water and leached treatments, gas treatments and bioremediation. Bluenet’s solutions are based on sustainable biological treatments and adapted to the needs of each client.
Affordability is the core of our R&D activity, therefore both investment and operational expenditures are taken into consideration.

53 Zeben - Sistemas Eletrónicos, Lda.
Trav. do Bairro 5 Casal do Neto
4935671 Portugal
(+351) 253 818 850
info@zeben.pt
www.zeben.pt
Zeben has more than a decade in market experience and is dedicated to the development, manufacture and trade of automation solutions, as well as providing excellent electrotechnical support. Due to the strategic partnerships established over time, and the certainty of providing a service of excellence to all our customers, our development has been remarkable. We offer effectiveness in the most ambitious projects thanks to the confidence of applying top level international brands and technical service and attunes from the specification of a project to its commissioning. The mottos underlying our action are: Innovation, commitment, responsibility, technical services, excellence.
At Hanna we don’t just create products — we create testing systems that help improve everything from the taste of your local microbrewery to the safety of your tap water.

We design products to test over 65 different physical and chemical parameters, such as pH, EC/TDS, COD, Chlorine, Bromine, and offer a wide range of solutions, such as titrators, portable and bench meters, wireless meters, monitors, refractometers, probes.

Xylem Water Solutions Portugal
Rua Professor Correia de Sá, 54, 42-5ª Ermesinde
4446-570 Portugal
(+351) 22947550
nuno.pinheiro@xyleminc.com
www.xyleminc.com

Xylem is a leading water technology company committed to solving water by creating innovative and smart technology solutions to meet the world’s water, wastewater and energy needs.

In a world of ever-increasing challenges, Xylem delivers innovative water technology solutions throughout the water cycle.

Our technological strength across the life cycle of water is second to none. From collection and distribution to reuse and return to nature, our highly efficient water technologies, industrial pumps and application solutions not only use less energy and reduce lifecycle costs, but also promote sustainability.

Xylem offers a portfolio of products and systems designed to effectively meet the demands and challenges of treating water and wastewater. From smarter aerations to advanced filtration and chemical-free disinfection, Xylem’s experts evaluate the varying needs of customers and help them find the right solutions for their applications. Through the brands that have been trusted for decades, Xylem offers solutions for water and wastewater treatment equipment keeping it at its best.

To learn more about our solutions and how we can contribute to the environmental friendly operation of your organization, get in touch today!

Hydro Melhoras, Ltd.
Avenida de Pádua 110, Lisboa
1800-297, Portugal
(+351) 218315036
melhoras@hidromelhoras.com
www.hidromelhoras.com

 HIDRO MEJORAS provides systems and equipment with the most advanced technology for the control of water supply and wastewater drainage networks.

It is a Grupo Mejoras company, which has been operating in the Iberian market for more than 25 years, offering high-quality solutions, consulting, training and highly qualified technical assistance to its customers.

Our solutions help customers save time, effort, natural resources, energy and costs.

- Leaks detection and location: geophones, correlators and precursors
- Network monitoring: dataloggers, flowmeters, PRV controllers, level sensors
- Remote telemetry management: remote terminal, SCADA
- Water Quality: multiparameter monitors and analyzers
- Gas Monitoring and Detection: fixed detectors, personal detectors, monitors
- Inspection and maintenance of wastewater pipelines: CCTV inspection systems, rehabilitation systems
- Qualified technical assistance and training


FUCOLI – Somepal Fundação de Ferro, S.A.
Estrada de Coelhes Cóimbra
3051-196 Portugal
(+351) 23949100
sedas@fucoli-somepal.pt
www.fucoli-somepal.pt

FUCOLI SOMEPAL is the leading Portuguese company in the manufacturing of ductile cast iron products for water supply, sanitation, gas and fire protection.

Founded in 1946, the company has consolidated its position in the national and international markets. In the past decade, it has achieved the status of one of the most renowned companies in this sector.

Fucoli Somepal ensures complete production control because all the production stages — from the conception, molding, casting, machining, coating, assembling and testing — are performed at its two plants in Portugal.

Fucoli Somepal products have high standards of quality, and various products have European appraisals/certifications from external companies like ACS, AENOR, CERTIF, GSK, KIWA, RINA, among others.

Fucoli Somepal is able to offer the best technical solutions to fully satisfy the needs of its clients.

- Valves: Gate valves, Service valves, Butterfly valves, Nonreturn valves, Air valves, Float valves, Flap valves, etc.
- Couplings and Flange adapters with a retrain and non-retrain system
- All kinds of fittings and pipeline accessories: Flanged, socket for PVC, socket for PE and saddles
- Fire hydrants above and underground
- Manhole cover and grates

Aqualongo - instalações e ligações de redes de água, Lda.
Rua da Madeira, 26 - ValongoPorto
4406262 Portugal
(+351) 32422893
fatimamareques@aqualongo.pt
www.aqualongo.pt

Aqualongo is a certified company with extensive experience in the provision of services to the Water and Wastewater Management Utilities. Founded in February 2004, it is a national reference to the service rendering sector for water and wastewater management utilities. Aqualongo is a young and dynamic company with strong but sustained growth. Loyal to these concepts, Aqualongo has achieved, in times of economic recession, a constant and sustained evolution, with new services, committed to new equipment and human resources with specialized training. We have a highly motivated and competent team of employees with proven, determined and innovative experience, with strong customer orientation. Our clients can truly expect a quality, dedication and greater competence in our service.

Water Services: Water meter reading; Water meter replacement; supply interruptions; Leak detection; Connections and withdrawals of water networks; Georeferenced water and sanitation survey; Wastewater Services: Detection of illicit connections in wastewater; CCTV video inspection; Pipe rehabilitation and leakage tests. Home services for water and wastewater.
60 Inout-Automação e Controlo, Lda.
Rua Frederico da Silveira N.º 4-6, 1º Andar, Letra A
1300-609
(+351) 219853091
geral@inout.pt
www.inout.pt
System Integrators.
Inout Automation Systems’ activity covers a vast range of services and products inherent in the implementation of control systems, and includes services such as process analysis, engineering projects, project development and implementation, commissioning, and preventive and corrective maintenance. We develop and implement remote management systems for the various sectors. We create software focused on the development of intuitive tools that allow simple and fast access to data. Inout is the market leader in the implementation of remote monitoring solutions in the Water and Wastewater Industry.
Main business units: Water, wastewater, waste / Irrigation / Parking / Industries.
Water technology: Instrumentation, Control, Automation
Modelling
Smart Technologies
Design, R&D, Engineering
Service, Maintenance, Supply
Software

61 VentilAQUA, S.A.
Estrela da Ponte, Lote A, Antanhol Coimbra
1040675 Portugal
(+351) 239437336
carlos.oliveira@ventilaqua.com
www.ventilaqua.com
VentilAQUA was founded in September 1997, in Coimbra, Portugal, and evolved in an international environment which enhanced its global thinking, developing an international strategy for spreading its knowledge and technologies around the world. VentilAQUA obtained all the necessary technical skills, from lab testing of environmentally hazardous situations, to designing high tech solutions, manufacturing, supply, installation and startup of wastewater treatment equipment, as well as after sales service and surveillance. A highly trained and skilled staff, most of whom have chemical and other engineering degrees, under continuous training, allows VentilAQUA to have daily updates to its knowledge. VentilAQUA is focused on R&D and manufactures breakthrough solutions, with unique features to treat and reuse industrial wastewater, from all activities, as well as biologically contaminated waters from healthcare activities and removes new contaminants from water.
Manufacturing and supply of compact chemical waste water treatment plants, compact sterilization unit for healthcare activities, advanced oxidation processes and equipment for removal of recalcitrant and difficult contaminants; biological treatment units with the most advanced technologies-MBR, MBBR, SSR-

62 Redecor
Rua da Guarda- Parque Industrial do Batel, 95 e 121
Alcochete
2890-089 Portugal
(+351) 212483160
nestorio@redecor.pt
www.redecor.pt
Waterproofing and protection coatings for water and wastewater structures;
Sanitation, bacteriological cleaning and disinfection of potable water reservoirs and pipes;
Resin injections for sealing holes in water and wastewater structures;
Seamless polymer Flooring;
Anti-slip systems on damp and wet floors.
Vandex
Heil Rapid
Webac
Heritage

63 H2OPT
Rua do Monte Cativo, 313 Porto
4050-402 Portugal
(+351) 228284930
geral@h2opt.pt
www.h2opt.pt
H2OPT is a Portuguese water and wastewater engineering company focused on the optimization of hydraulic systems. We work especially with the water sector (water supply and wastewater systems) and industries with similar problems. The company began operating in 2014 within a group with more than 35 years of experience in projects for the urban water cycle (NORAQUA). The main goal is to direct consolidated expertise to the implementation of sustainable and efficient solutions in the water sector. Our consultancy services are, first, based on the assessment of systems’ real performance to support the design of optimized solutions. The continuous improvement of our services is ensured by guaranteed follow-up of implementation and results.
The company operates in four main areas:
- Water Loss Management: Design and support of strategies for the reduction of non-revenue volumes.
- Rainfall derived infiltration Inflow control: Assessment of critical areas for defining actions and investment priorities.
- Water Asset management: Utilities technical support for diagnosis and management of infrastructures.

64 Janz - Contagem e Gestão de Fluidos, S.A.
Av. Infante D. Henrique, 288 Lisboa
1950421 Portugal
(+351) 218341547
ateleira@jcf@janz.pt
www.jcf@janz.pt
JANZ, the Portuguese manufacturer of metering solutions with unrivalled knowhow, uses all its expertise in the production of water metering technology and the manufacturing of high precision parts. JANZ is a century-old brand that brings together experience and a commitment to excellence, investing in differentiation through the innovation of its products and the quality of its services. Driven by outstanding quality standards JANZ has become well known for its highly accurate development of all its products.
Developing and manufacturing water meters, LPAV radio modems, components for residential, commercial and industrial applications among various services, namely plastic injection components, high precision machined parts and independent and accredited laboratories for metrological testing and calibration.

65 Sociedade Portuguesa de Inovação – Consultadoria Empresarial e Fomento da Inovação, S.A.
Avenida Marechal Gomes da Costaz 1º 1567 Porto
4150056 Portugal
(+351) 220710400
saramedina@spi.pt
http://www.spi-europe.eu/
Sociedade Portuguesa de Inovação (www.spi-europe.eu) is a private consulting company created in 1996 as an active centre of national and international networks connected to the research and innovation sectors. SPI has become a leading promoter of links between national and international public and private organizations/companies/S&T institutes. SPI has coordinated and provided expert support on projects based in Europe, Asia, North America, South America and Africa. Currently, SPI has 72 full-time staff located in the company’s various offices in Portugal, Spain, China, USA and with an affiliated office in Belgium (Brussels) through the European Business & Innovation Centre Network (EBIN). SPI also has established professional and business networks in Brazil, Angola, and South East Asia.
The SPI Group’s structure consists of three main pillars: Innovation, Science and Technology and Territorial Development.
SPI has understood the importance of innovation in a dynamic and challenging global society, having developed extensive knowhow in various aspects of the innovation ecosystem and applies this knowledge through a range of activities and services. When it comes to science, SPI supports the advancement of science and technology for the benefit of clients. SPI has also established a unique inhouse capability that combines its knowledge on innovation and science and technology with its fundamental skills in territorial planning and urban development.
Efacel Power Solutions is a prestigious Portuguese brand in operation for 70 years. The company has a strong export profile and presence in over 65 countries. It has an impressive footprint in worldwide references, a strong track record in technology achievements and innovation, and is focused on developing products and systems with high added value for infrastructural sectors such as Energy, Environment & Industry and Mobility & Transportation. The company’s performance is based on strong values and highly capable personnel.

In the Environment area, we offer integrated solutions ranging from project design, development and operation of systems: Efficient Treatment Stations, Water Catchment, Pumping and Supply Stations, Systems Operations, from process automation to control and monitoring, System Enhancement and Waste Treatment.

BOOMLIFT – Venda, Aluguer e Assistência Industrial, Lda.
Rua Bernardino Ribeiro, Lote 2 - Loja C
2625066 Ramada Odífices Lisboa Portugal
(+351) 219 039 141
marketing@boomlift.pt
www.boomlift.pt

Boomlift started operating in 2006, initially in the maintenance of industrial equipment. In 2010, it changed its facilities and continued its activity with a new business project, focused on products with an innovative vision, and since then it has been dedicated to equipment supply for various sectors such as water, sanitation, electricity, industry and service sectors. We also focus on the design of new equipment as an additional activity. We offer innovative solutions for water pipes, Industry, construction, environment and engineering. Boomlift has also been developing customized equipment not only to meet the client’s needs but also to introduce innovations with immediate applicability.

Boomlift offers a number of products, including:
- Water and Sanitation: Metering pumps, pneumatic and mechanical shutters for buffering, bypass and pipe testing; Internal piping rehabilitation systems; Systems for lifting metal covers; Metal detectors and systems for locating buried cables and pipes; Nozzles / heads for clearing pipes and washing boxes or reservoirs; Clamps for external repair of conduits, video inspection systems - videoscope. For Industry, engineering and construction, we have a range of equipment under consultation.

ANII - Agência Nacional de Inovação
Edifício Net, Rua de Salazar, 842, Porto
4149002 Portugal
(+351) 226 167 820
info@ani.pt
www.ani.pt

ANI is the Portuguese National Innovation Agency. Our mission is to promote knowledge transfer through greater and better collaboration and cooperation between enterprises and research & knowledge production institutions. ANI is “THE INNOVATION HUB” that embodies the growing alignment of R&D, innovation and technology-based entrepreneurship policies in the areas of science and economy, with the main function to promote knowledge transfer, through more and better cooperation and coordination between companies and R&D institutions.

ANI pursues a wide range of activities:
- Enhances collaborative innovation;
- Leverages knowledge transfer to companies;
- Increases the participation of the National STI System and companies in the Research & Innovation International networks;
- Strengthens business investment in R&D;
- Fosters a social environment which favours technological entrepreneurship.

INCENTIVES
ANI manages financial and tax incentives for R&D and innovation, supporting the valorization of scientific and technological knowledge by turning it into economic growth.

INTERNATIONALIZATION AND TECH TRANSFER
ANI promotes and participates in several initiatives aimed at boosting the internationalization of the national research and innovation system, ensuring the global competitiveness of applied research.

ANII POLICIES AND PROMOTION
ANI supports the definition of innovation policies and the integrated promotion of support to business R&D, technology transfer, technological innovation and technology based entrepreneurship.

Aqualantica
Av. da Liberdade, 35
1800-031 Portugal
(+351) 218515159
geral@apda.pt
www.apda.pt

Founded in 1988, APDA – Portuguese Association of Water and Wastewater Services is one of the representative Portuguese organizations of water and wastewater services, with collective and individual members. APDA is a nonprofit association that represents and defends the interests of all stakeholders responsible for the water sector. APDA is currently an indispensable partner in the formulation and implementation of policies for the water sector at the national and international level and promotes knowledge, reflection, discussions, planning and managing of strategic proposals around major themes. Within APDA we have eleven committees. Their main objectives are to analyze and discuss issues related to their areas, position roles and strategic documents, promoting the dissemination of knowledge and exchange of experience between the respective stakeholders.

Tecnocarving Portugal
Praça Manuel Guedes 191 4º Sala AB-Gondomar
4421-193 Portugal
(+351) 220 179 402
ral@tecnocarving.pt
www.tecnocarving.pt

Specialists in Lamellar Decantation, we carry out Engineering, Design, Manufacture and assembly of the Lamellae, Manufacturers of Central Drive Scrapers, built entirely in Stainless Steel, for Decanters and Sludge Thickeners, Equipment and Technical Solutions for Treatment of Municipal and Industrial Wastewater, Drinking Water and Industrial Applications.

their efficiency. Our platform is compatible with proprietary electric or battery-operated controllers or other hardware brands, which makes our solution more versatile and adapted to all situations.

**Infraspeak**

Infraspeak is a maintenance management platform, developed to make the life and work of facility managers and technical assistants easier. In a nutshell, it is a flexible software solution that uses innovative technologies such as NFC, APIs, apps, and sensors to improve efficiency and reduce costs of maintenance operations. Founded in 2015, by Felipe Avila da Costa (CEO) and Luis Martins (CTO), Infraspeak has over 60 clients in Portugal, Brazil and Angola and is now expanding operations to Spain and the UK to keep growing at a fast pace.

Today, buildings and cities are becoming more complex, and citizens are craving for smarter infrastructures with ever-improving levels of service. Top executives and facility managers are struggling to answer these demands within a budget, while they get buried under paperwork and excel sheets. Infraspeak is disrupting this market with new technologies (NFC, mobile, etc.), a new business model (Saas), new functionalities (Customer Interface, KPIs, etc.) and simple interfaces, to improve efficiency and reduce the costs of maintenance operations.

**SCUBIC**

SCUBIC is an innovative decision support tool that uses machine learning techniques with real-time, historical and meteorology data to determine the latest cost schedules, while ensuring operational constraints. SCUBIC Kлы Integrated modules (SSCEN, SSMART, SSLOLVE) help water companies to: predicted future water demands; manage network risks by performing behavioral simulations; and optimize operational cost over the entire network. As water utilities are investing in monitoring systems, SCUBIC can provide the next step, creating value from data, while achieving reductions of up to 20% in energy costs.

SCUBIC demand and forecast module SSCEN, uses adaptive and intelligent algorithms for a more precise prediction of water demands for the next 24 hours. The SSMART simulation module uses an intuitive virtual model of the entire network, which allows the user to monitoring. In real-time, all the network assets as well as reservoir levels and nodal pressures. SSLOLVE combines state-of-the-art optimization algorithms with energy tariffs variations, to provide the most cost-effective scheduling of network operations.

**University of New South Wales**

UNSW at Australian Defence Force Academy, Northcott Drive, Camp: Bel Canberra

2600 Australia

Adrian.GarridoSanchis@student.unsw.edu.au

www.unsw.adfa.edu.au/

The Australian Defence Force Academy (ADF) is a triservice military Academy that provides military and tertiary academic education for junior officers of the Australian Defence Force in the Royal Australian Navy (RAN), Australian Army and Royal Australian Air Force (RAAF). In 2016, the Academy began accepting civilian students in its undergraduate courses. Tertiary education is provided by the University of New South Wales (UNSW) Canberra-campus, which is the awarding body for ADF qualifications. Apart from educating future leaders of the Australian Defence Force, UNSW campus also provides postgraduate programs and short courses both to Department of Defence personnel and the general public.

We will present research and new patients in the area of water treatment, water sterilisation and desalination.

**BioMark, Sensor Research**

BioMark is a 3C’s project to Control antimicrobial drug in water by using Cellulose and Cork materials. Our network includes research collaborators from leading European, Portuguese and Brazilian universities/institutions. BioMark is located at PORTO Campus and is integrated in CINTESIS (Center for Health Technology and Services Research).

**The Oxfintri mobile water treatment plant contains a low pressure oxygen generator and an innovative treatment train within a 20 foot container. The treatment train is a unique, patented process. It includes a carburetor type device based on advanced aerospace fuel injection systems which injects 93% pure oxygen as ultrafine bubbles into a wastewater stream. It creates a highly efficient jet/shear oxygen/wastewater mixing environment. Oxygen is available to microbes in a better form for longer than bubbles generated by other systems.**
102 EIP Water Action Group ARREAU – Accelerated Resource Recovery from Water Cycle
Kees.Roest@kiekwater.nl
ARREAU develops market plans for viable and profitable value chains for resources from the water cycle. We build on existing cutting edge initiatives in several regions in Europe, where resources with a high added value are produced, such as phosphorus and cellulose from wastewater and iron and calcium carbonate residuals from drinking water. This will contribute to increasing resource efficiency and will create jobs and market opportunities for the European Industry and SMEs. Although the techniques and therefore resources are available in the water cycle, widespread production of resources is far behind its potential. The activities in the water cycle are run by utilities, not used to commercially develop products and bringing these to a highly competing, price, quality, service, supply market. We will review current European initiatives and best practices of resource recovery and reuse. Barriers and constraints for resource recovery and reuse will be identified. We will explore the key success factors of resource value chains with all engaged stakeholders. The outcomes will be used to develop frameworks that can be used to remove bottlenecks and enable successful resource recovery in other regions in Europe and beyond.

103 EIP Water Action Group WIRE – Water irrigated agriculture Resilient Europe
valentin.opfermann@csco-cogeca.eu
https://www.eip-wire.eu/WIRE
WIRE helps customising existing or emerging innovation to the farmers’ and growers’ needs, and to facilitate innovation uptake in the complex, multifaceted irrigated agriculture reality and market. This will be carried out by taking into account the specific requirements deriving from the agro-climatic conditions across the EU, the legal framework as well as the diversity of farming systems and crops. For this purpose numerous case studies have been selected to implement and test solutions. WIRE connects and cooperates with the EIP on Agricultural Productivity and Sustainability, with a strong commitment to develop synergies where possible and to draw on mutual benefits. WIRE will contribute to make use of innovation to promote a more sustainable water management and more effective return of investments in agriculture.

104 EIP Water Action Group RiverRes
elispuzann@gmail.com
https://www.eip-water.eu/RiverRes
The vision and mission of the RiverRes Action Group is to provide a Roadmap to address current policy challenges as opportunities for innovation through river restoration, as an example of nature-based solutions. In particular, how river restoration can increase the effectiveness of EU directives and policy implementation. The current challenge as identified in a number of documents like the EU Blueprint, the Biodiversity Strategy 2030, Climate Change Adaptation Strategy, Water Scarcity & Drought Policy, etc. is implementation and innovation.

105 EIP Water Action Group NatureWat – Nature-based technologies for innovation in water management
mariana.garf@jpc.eu
https://www.eipwater.eu/NatureWat
This Action Group aims to identify and overcome bottlenecks and barriers (e.g., fragmentation of knowledge, lack of demonstration sites and funding for SMEs, financial issues and technical aspects) related to nature-based technologies for water resources management in rural, peri-urban and urban areas. The main goal is to aggregate and consolidate the sector of nature-based technologies (green infrastructures) and to define innovative marketable technologies addressing water challenges related to ecosystem services.

106 EIP Water Action Group City BLUEPRINTS – Improving Implementation Capacities of Cities and Regions
kees.van.reeoven@kiekwater.nl
https://www.eipwater.eu/City_Blueprints
Over the last years the City Blueprints team has developed a process and methodology to provide a baseline assessment of municipalities and regions. This City Blueprint Approach is a diagnosis tool and consists of three complementary frameworks. The main challenges of cities are assessed with the Trends and Pressures Framework (TPF). How cities are managing their water cycle is done with the City Blueprints Framework (CBF). Where cities can improve their water governance is done with the Governance-Capability Framework (GCF).

107 EIP Water Action Group SPADIS – Smart Prices and Drought Insurance Schemes in Mediterranean Countries
mario.pimezi@eu.it
https://www.eipwater.eu/SPADIS
SPADIS, standing for “Smart Pricing and Drought Insurance Schemes in Mediterranean Countries”, focuses on the design and implementation of economic instruments with the best potential to induce individual decisions regarding water use in order to contribute to the collective goals of reducing vulnerability to water scarcity and increasing resilience to drought risk. As an Action Group, it contributes to two priority areas of the Strategic Implementation Plan of the EIP Water: Flood and drought risk management, on one side, water governance, on the other.

108 EIP Water Action Group MAR Solutions – Managed Aquifer Recharge Strategies and Actions
https://www.eipwater.eu/MAR_Solutions
Managed Aquifer Recharge technique, or simply MAR, has become, perhaps, the best technique within the Integrated Water Resources Management (IWRM) framework, to palliate Climate Change adverse effects. As some impacts are increasing rapidly in scale and intensity, permanent “technological solutions” are required on a “water innovation in action” line. It is worth mentioning that IFP INNO-DEMO-MARSLC project, that started Dec. 1st 2013, is supporting this AG making available 8 demosites to show the suitability of MAR techniques.

109 EIP Water Action Group RiverReNEW
qufermo.zarapoa@jpa.es
https://www.eipwater.eu/RE_ReNow
The Action Group will promote the use of desalinisation powered by renewable energy, as an environmentally friendly and decentralised solution for sustainable water supply. The implementation of RE desalinisation faces several technological, economical, social and institutional barriers that will be addressed in this Action Group.

110 EIP Water Action Group CTRL+SWAN – Cloud Technologies & Real time monitoring + Smart Water Network
a.dam@ibero.ethi.png
https://www.eipwater.eu/CTRL_*SWAN
CTRL+Swan Action Group (www.swan.technology) is devoted to the further development of Innovative sensor systems’ technologies to be integrated and implemented in the design of an innovative approach to the water distribution networks management, with the broad goal to introduce our concept of Smart Water Network (SWAN) as a key subsystem of the notion of Smart City, as it has been recently recognized in the scientific and technical international community. To tackle the above mentioned issues, we therefore focus on techniques and technologies for water quality monitoring via innovative sensors and devices, in order to design and implement enlarged dataplatforms in a reliable early warning system for a more efficient water distribution network management, and extend our studies on the novel technique for designing LDMs compatible with hydraulic performance and optimized for water network protection.

111 European Innovation Partnership on Water (EIP Water)
quiducsmich@freshthoughts.eu
http://www.eipwater.eu/
The European Innovation Partnership on Water (EIP Water) supports the development of Innovative solutions across the EU to tackle major water challenges and boost European competitiveness. Working in Action Groups, the expertise and resources of public and private organisations are united along the innovation chain at the EU, national and regional level to match demand with supply and create market opportunities both inside Europe and abroad.

112 OpenDataSoft
130 rue de Lourmel Paris 75015 France 33062814102 mylram.alvarez@opendatasoft.com www.opendatasoft.com
OpenDataSoft is a complete online platform designed to quickly and economically transform all types of data and APIs into innovative services. Its mission is to facilitate the publication, sharing and reuse of data by business applications and to stimulate the creation of applications. OpenDataSoft addresses public sector organizations as well as utilities and companies from the private sector. It proposes turnkey solutions to meet the needs of organizations that want to make

113 Talent Molecule, Ltd.
Praça Conde de Agrolongo nº 123 Braga 4700314 Portugal (+44)700951814 valbel@dfm.fis.uu.se www.opcleantech.org
Talent Molecule is a startup company, which is commercializing the nanotechnological-based solution for chemical water purification. We have developed a novel nanomaterial, which has high attraction to most heavy metals pollutants-Hg, Pb, Cd, Cr etc. The nanomaterial, which is patent pending, is only one atomic layer thin and has therefore the highest possible surface area. This makes it an ideal absorbent for purification of incoming or waste water in diverse industries (beverage, mining, chemical, pharmaceutical, etc.). More importantly, our technology is based
data valueisation a lever for economic development and to collaborate with their ecosystems (employees, partners, customers, users, citizens).

Headquartered in Paris, OpenDataSoft already powers data portals for many municipalities and companies worldwide, including the City of Paris, the Ministry of Health in Portugal, the Swiss National Railways, Total and Veolia.

OpenDataSoft is the missing link between data producers and innovators who will use it to develop new services.

Available in the cloud in SaaS mode, the platform is extremely simple to handle and offers a large number of features that evolve constantly:

- Automatic generation of APIs
- Interactive data visualizations: tables, graphs, maps, calendars, picture galleries
- Interoperability: the platform supports multiple heterogeneous data sources and formats
- Complete customization of the portal appearance
- Content editor: creation of editorial pages, dashboards created from cross-references
- Modular user rights management

Dynamic Flow is a Shower System which can save 33 liters of water, for each shower, with increased comfort. Nowadays, you turn on the water, but the water runs cold. With Dynamic Flow, you only have water at the desired temperature selected by a touch screen with decimal degree precision. It is a Plug and Play system, you only need to replace old shower systems with Dynamic Flow, no need of external electric power. Save your money and our planet.

WEStoreOnTEX

WEStoreOnTEX focuses on the creation of innovative technological solutions in the areas of textiles and flexible electronics for energy storage on garments and accessories. The stored energy is used to power portable devices and sensors integrated in clothing. Our solutions differ from the competition since they can be integrated in the garment itself and feature faster changing and higher durability. We also highlight the solutions’ comfort, lightness, flexibility and safety features for the user, without risk of ignition. This technology is currently being implemented in the Textile and Clothing segments.

Smart textiles and accessories that store energy to power electronic devices and sensors integrated in clothing.

on chemical absorption and reacts with heavy metal pollutants via chemisorption (unlike traditional carbon-based absorbents), and is therefore more robust and safer for the environment.

Our main product is a heavy metals (HMs) filtering unit, optimized for lowest cost, zero energy consumption, no water waste and high speed. We provide the full service for HMs water purification: i) consultancy service for water analysis ii) design of respective HMs water purification systems (iii) assembling and installation of the HMs water purification system at the customer’s premises iv) maintenance and replacement of the filtering units.

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INESC TEC – Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Rua Dr. Roberto Fisca – Campus da FEUP Porto
4200-465 Portugal
(+351)229004000
catarina.carvalho@inesctec.pt
www.inesctec.pt

INESC TEC – Institute for Systems and Computer Engineering, Technology and Science is an associate laboratory with more than 30 years of experience in R&D and technology transfer. Present at 6 sites in the cities of Porto, Braga and Vila Real, INESC TEC has 13 R&D centres and one associate unit with complementary competencies, always looking to the international market. INESC TEC invests in scientific research and technological development, as well as in advanced training and consulting, technology transfer and supports the creation of new technology-based companies.

INESC TEC was created to act as an interface between the academic world, the world of Industry and services and the public administration in Information Technologies, Telecommunications and Electronics.

INESC TEC offers innovative technologies covering:
- Robotic equipment and sensors for monitoring water parameters;
- Autonomous vehicles for monitoring and inspecting dams;
- Energy efficiency;
- Smart meters;
- Low cost communication solutions;
- ICT solutions for urban planning and management;
- Cloud and Business Intelligence;
- Event prediction algorithms;
- Robotic solutions for precision agriculture.

INESC TEC leads the TEC4SEA research infrastructure, open to companies, addressing the development and testing of innovative solutions for the sea.

CIIMAR – Interdisciplinary Centre of Marine and Environmental Research of U. Porto
Terminal de Cruzeiros, Av. General Norton de Matos s/n
4450-208 Matosinhos Portugal
(+351)22940840
jaitarte@ciimar.up.pt
www.ciimar.up.pt

CIIMAR – Interdisciplinary Centre of Marine and Environmental Research of the University of Porto is a multidisciplinary research institute whose mission is to develop exceptional interdisciplinary and transnational research, promote technological development and Innovation and support public policies in Marine and Environmental Sciences. CIIMAR’s new state-of-the-art facilities for research, teaching and services are located at the heart of the maritime industry and services in the northern region of Portugal (Leixões harbour). The centre features well-equipped laboratories for marine and maritime research, technological core platforms, high scale micro-and macroalgae cultivation and animal experimental facilities for fresh water and marine organisms approved by the Portuguese Veterinary Authority.

CIIMAR develops fundamental and applied research in Marine and Environmental Sciences at the highest national and international level. The center’s scientific programme embraces an innovation-oriented strategy promoting market-oriented research and industry-driven activities, contributing to sustainable economic growth. CIIMAR also provides innovative solutions and products responding to current economic and societal challenges. Among them are the demand for high-quality seafood, new drugs and marine products for industrial and medicinal needs, water quality, sustainable fisheries, preparedness for and mitigation of oil and HNS spills, environmental monitoring & risk assessment, preservation of ecosystem services and ocean & coastal management.

INSPIREWATER

Theodor-Heuss-Allee 25
60468 Germany
(+49)697504412
inspirewater.de
www.inspirewater.eu

INSPIREWATER is an EU-funded project which aims to increase water and raw material efficiency in the process industry. INSPIREWATER will use resource-efficient technologies to reduce water consumption, energy, use of chemicals and to reduce waste as well as wastewater. This will be underpinned by a holistic water management framework which will complement existing management structures at process industry companies.

DEchema Society for Chemical Engineering and Biotechnology e.V., as a partner in this project, is an interdisciplinary nonprofit professional society whose activities cover broad areas relevant to process industries such as the support of R&D progress, implementation and innovation realization in various fields of chemical engineering, environmental protection (esp. industrial water management) and biotechnology.

INSPIREWATER demonstrates and exploits new solutions for some of the most important treatment challenges that today prevent water saving and water reuse in the steel and chemical industries, including:
- Water reuse from wastewater treatment plant effluents
- Selective separation for recovery of metals
- Cooling water treatment
- Increased energy efficiency by prevention of biofouling
- Treatment of highly acidic water streams
- Closed loop process for rinse water recovery
- Integration of alternative heat sources for energy supply to separation processes

MARINNOVA – Marine and Environmental Innovation, Technology and Services
Av. General Norton de Matos, nº Matosinhos
4450-208 Portugal
(+351)917039018
marinno@marinnova.pt
http://www.marinnova.pt/

MARINNOVA is a young R&D company focused on providing innovative services and products in the field of marine and environmental sciences. The company’s activities are based on the scientific background built during the last 15 years by the Interdisciplinary Centre of Marine and Environmental Research (CIIMAR) of the University of Porto. It has a strong commitment to Industry, Research Institutes and Public Institutions in the implementation of innovative national and international projects to foster technology transfer and developments in the field of the Marine and Environmental Sciences and Technologies.

Marinova offers services in the following areas of activities: aquaculture, biotechnology, molecular biology, ecotoxicology and risk assessment, analytical chemistry, ocean and coastal management, marine environmental law, assembling of aquatic systems and organization of events.