



SWAM

Increasing regional Competitiveness
through RTD&I on sustainable
water management

WATER TECHNOLOGY CLUSTER

REGION OF MURCIA



Región de Murcia
Consejería de Universidades, Empresa e Investigación
Dirección General de Universidades y Política Científica



Fundación
Instituto Euromediterráneo
del Agua



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Introduction

The SWAM Project

The SWAM Project is proposed to supply preconditions for economic growth and global competitiveness of Murcia, Eastern-Galilee and Western Greece regions, which have high potential in the Water Technologies sector.

Project objectives

1. To enhance the deeper understanding of the regional research and economic environment, including the assessment of the research infrastructures and support policy schemes, for all the actors belonging to these clusters, in order to gain vision about the current competitiveness of the Water-Tech sector in these regions.
2. To create a sharing environment of common priorities and strategies among the participant clusters for mutual learning.
3. To promote the collaboration among researchers and commercial companies of the participant regions.

The Region of Murcia Water-Tech cluster

The most important environmental problems concerning the Region of Murcia are related to water scarcity. For this reason, the Universities and the research institutions are focused on this specific field and the companies of the region as well. In the same way, within the machinery and metal industries, there are a significant number of companies dealing with water technologies together with consulting and environmental companies, with large technological investment and innovation activities in this field.

These companies produce and market different high-tech products, such as irrigation systems, wastewater treatment and reuse systems, desalination plants, etc., contributing to create a large, innovative and cross-cutting effect water-tech sector.

We can say that the Region of Murcia has turned a structural weakness into an opportunity to become a pioneering, innovating region in the use and management of water resources.

The Region of Murcia Water-Tech cluster is a good opportunity for companies' abroad, mainly in two ways: as a platform to access new markets (mainly Latin America and the Arab world) and, secondly, by their human capital and highly qualified young people (industrial engineers, telecommunications, information technology, agronomy, industrial chemistry, etc). In addition the rates of water treatment, reuse and conservation are higher than in any other region in Europe. For example, water recycling and reuse is 98% (percentage attainable only by the State of Israel). On the other hand, political leadership is growing in this area.

This booklet includes main details about the highlights of Region of Murcia Water-Tech Cluster: industrial companies, consulting and environmental companies, Universities and RTD, non profits institutions and Regional Authorities wich have participated in the SWAM Project.



MANCOMUNIDAD DE LOS CANALES DEL TAIBILLA

Drinking water supply

The MCT is an Autonomous Commercial Agency attached to the Ministry of Agriculture, Food and Environment of Spain. The main target of MCT is drinking water supply in primary network (collection, treatment, transmission and storage reservoirs).

Its scope covers over 11,000 km² belonging to three regions (Castilla-La Mancha, Murcia and Valencia) and two Water Boards (Segura and Júcar). Serves more than 2,400,000 people in the provinces of Murcia (58%) Alicante (42%) and Albacete. In summer period exceeds 3 million inhabitants.

ADDRESS: Calle Mayor, nº 1. 30201 Cartagena

PHONE: (+34) 968 320 014

E-MAIL: informacion@mct.es

WEB: www.mct.es

Abastecimiento de agua potable

La MCT es la Agencia Autónoma Comercial adscrita al Ministerio de Agricultura, Alimentación y Medio Ambiente encargada del abastecimiento de agua potable (red primaria) en un territorio que abarca más de 11.000 km² y más de 70 municipios de las provincias de Murcia, Alicante y Albacete.



AQUAGEST

Urban Water Management Wastewater Treatment & Reuse Infrastructures for Water Systems

AQUAGEST is a company that belongs to AGBAR Group. It's main goal is the management of urban water cycle and water treatment plants.

ADDRESS: Pintor Molina Sanchez, s/n. 30010 Murcia (Spain)

PHONE: +34 968 122 600

E-MAIL: jlopezca@agbar.net

CONTACT PERSON: Joaquín López Castellano

WEB: <http://www.aquagest.es/>

Gestión de aguas urbanas Tratamiento de aguas residuales y su reutilización Infraestructuras para el sistema del agua

AQUAGEST es una empresa del grupo AGBAR dedicada a la gestión del ciclo urbano del agua con plantas depuradoras de aguas residuales.



AGUAS DE MURCIA

Wastewater Treatment & Reuse Infrastructures for Water Systems

AGUAS DE MURCIA is a company that manages local public services supply, sanitation and water treatment. They are the first private operator of urban water management in Spain and one of the world's leaders in the industry. AGUAS DE MURCIA manages the water cycle in the municipality of Murcia.

ADDRESS: Plaza Circular, 9. 30008 Murcia (Spain)

PHONE: +34 968 278 000

E-MAIL: pmejia@emuasa.es

CONTACT PERSON: Pilar Mejías Rico

WEB: <http://www.emuasa.es/>

Tratamiento de aguas residuales y su reutilización Infraestructuras para el sistema del agua

AGUAS DE MURCIA es una empresa de servicios públicos para el saneamiento y la purificación de agua. La compañía es el primer operador privado de gestión del agua urbana en España y uno de los líderes mundiales en la industria. AGUAS DE MURCIA maneja el ciclo de agua en el municipio de Murcia.



SADYT

Wastewater Treatment & Reuse Infrastructures for Water Systems

SADYT belongs to the construction group SACYR-VALLEHERMOSO. It is devoted to the design, construction, investigation, maintenance and operation of water treatment systems.

ADDRESS: C/ Molina de Segura, 8. 30007 Murcia (Spain)

PHONE: +34 968 354 028

E-MAIL: info@gruposyv.com

CONTACT PERSON: Domingo Zarzo

WEB: <http://www.sadyt.com/>

Tratamiento de aguas residuales y su reutilización Infraestructuras para el sistema del agua

SADYT es una sociedad constituida dentro del grupo constructor SACYR-VALLEHERMOSO. Está dedicada al diseño, construcción, investigación, mantenimiento y explotación de sistemas de tratamiento de aguas



ARTERIEGO, SL

Irrigation Technologies Desalinations Plants

ARTERIEGO is a company specialized in assisting projects from the draft design stage to installation and commissioning of the product or service. Offering assistance in choosing the most appropriate fluid system.

ADDRESS: Av. Jerónimos, 115. Guadalupe.
30107 Murcia (Spain)

PHONE: +34 968 306 983

E-MAIL: info@arteriego.com

CONTACT PERSON: Lola Artero

WEB: <http://www.arteriego.com/>

Tecnologías de Riego Plantas Desalinizadoras

ARTERIEGO es una empresa especializada en asesorar proyectos, desde la fase de anteproyecto hasta la instalación y puesta en marcha del producto o servicio. Ofrecer ayuda para la elección del sistema de fluido más adecuado.



HERMISAN

Irrigation technology *Water Treatments*

Agricultural projects, dams and pipelines, wells and aspiration systems, impulsion equipment, automatic filtration equipment, automatic fertilised equipment, sprinklers, diffusers, irrigation trains, wings and sprinkle irrigation pivots, hydrocomputers, Manoeuvres and motor protection control panel and generators. Design and manufacture of desalination equipment and water purification.

ADDRESS: Ctra. de Lorca, S/N - Edf. Prodicesa.
30880 Águilas. Murcia (Spain)

PHONE: +34 968 410 444

E-MAIL: hermisan.aguilas@hermisan.com

WEB: <http://www.hermisan.com/>

Tecnologías del Riego **Tratamientos del agua**

Proyectos agrícolas, presas, tuberías, pozos y sistemas de aspiración, equipo de impulsión, equipo de filtración automático, equipo automático fertilizado, regaderas, difusores, trenes de irrigación, pivotes de irrigación, hidroordenadores, panel de control de protección de motor, generadores, fabricación de equipo de desalación, equipos de purificación de agua.



FITOSA

Phytosanitary protection equipments

Manufacturer of equipments of phytosanitary protection, has modern facilities of 10.000m² placed in Murcia. It possesses sophisticated systems of manufacture, such as production of polyethylene tanks by rotomoulding, automated application of anticorrosion protection, or robotics and integration of the production.

ADDRESS: Pol. Ind. La Polvorista; C. Calasparra, s/n.
30500 Molina de Segura. Murcia (Spain)

PHONE: +34 968 278 000

E-MAIL: fitosa@fitosa.com

WEB: <http://www.fitosa.com/>

Equipos para la protección fitosanitaria

Fabricante de equipos de protección fitosanitaria, dispone de unas modernas instalaciones de 10.000 m² situadas en Murcia. Cuenta con sofisticados sistemas de fabricación, tales como conformado de depósitos de polietileno por rotomoldeo, aplicación automatizada de recubrimientos anticorrosión, o robotización e integración de la producción.



GESTIRIEGO

Irrigation technology Pipes

The purpose of GESTIRIEGO is the water efficiency, to use the minimum amount of this resource and to obtain the maximum performance. Contributing to a more sustainable future. To do it, we use raw materials of the optimum quality and the most advanced technology of the moment for crops irrigation.

ADDRESS: Paraje Vistabella, s/n. 30892 Librilla. Murcia (Spain)

PHONE: +34 968 658 326

E-MAIL: pcava@gestiriego.com

CONTACT PERSON: Pedro Cava Belchí

WEB: <http://www.gestiriego.com/>

Tecnologías del Riego Tuberías

El propósito de GESTIRIEGO es la eficiencia del agua, es decir, que utilice la mínima cantidad de este recurso y que obtenga el máximo rendimiento. Contribuyendo de esta manera a un futuro sostenible. Para ello utilizamos materias primas de calidad óptima y la más avanzada tecnología del momento para el riego de cultivos.



INTA

Phytosanitary irrigation Climate Control of Greenhouses

Multidisciplinary company, made up of technicians in electronics, telecommunications, computer science and agronomists. Our main target is to offer systems which provide a rational and efficient solution for the crops fertirrigation and the greenhouses climate control.

ADDRESS: Pol. Ind. Barrafuerte, Nave 2A.
30880 Águilas. Murcia (Spain)

PHONE: +34 968 493 116

E-MAIL: info@inta.com.es

WEB: <http://www.inta.com.es/>

Fertirrigación Control climático de invernaderos

INTA es una compañía multidisciplinar, compuesta fundamentalmente por técnicos en electrónica, telecomunicaciones, informática y agrónomos. Con el único objetivo de ofrecer sistemas que representen una solución racional y eficiente para la fertirrigación de cultivos y control climático de invernaderos.



MONISOL

Agricultural Machinery Phytosanitary tools

MONISOL is a company specialized in the manufacture and commercialization of machines and phytosanitary accessories.

ADDRESS: Pol. Ind. Cabezo Cortao; C. del Este, s/n.
30100 Espinardo. Murcia (Spain)

PHONE: +34 968 832 074

E-MAIL: sole@monisol.net

CONTACT PERSON: Soledad Martínez Gómez

WEB: <http://www.monisol.net/>

Maquinaria Agrícola Utensilios fitosanitarios

MONISOL es una empresa especializada en la fabricación y comercialización de máquinas y accesorios fitosanitarios.



NUTRicontrol Sistemas de Control

Control equipment for irrigation Climate automation in greenhouses

Since its establishment in 1992, NUTRicontrol has been active in the analysis, design, manufacture and marketing of control equipment for irrigation and climate automation in greenhouses and open-air cropland installations.

ADDRESS: Pol. Ind. Cabezo Beaza; C. Bucarest, 26. Apdo. 2035.
30353 Cartagena (Murcia)

PHONE: +34 968 123 900

E-MAIL: prosique@nutricontrol.com

CONTACT PERSON: Francisco Rosique Agüera

WEB: <http://www.nutricontrol.com/>

Equipos para riego controlado Climatización de invernaderos

Desde su consolidación como empresa en 1992, NUTRicontrol se ha dedicado al análisis, diseño, fabricación y comercialización de equipos de control para la automatización del riego y el clima en invernaderos e instalaciones de riego al aire libre.



RIEGOS LEBOR

Water Resources Irrigation Technology PVC Pipes

RIEGOS LEBOR is located in the Guadalentín Valley for over fifteen years, being its main activity the implementation of irrigation systems for the utilization of water resources, PVC pipes, ductile and civil works.

ADDRESS: Ctra. Nac. 340 - Km. 610. Salida Autovía 609
30850 Totana. Murcia (Spain)

PHONE: +34 968 423 353

E-MAIL: info@riegoslebor.com

WEB: <http://www.riegoslebor.com/>

Recursos del Agua Tecnologías del Riego Tuberías de PVC

RIEGOS LEBOR, durante más de quince años, desarrolla su actividad en el Valle Guadalentín, su actividad principal es la puesta en práctica de sistemas de irrigación, la utilización de los recursos de agua, tubos de PVC y trabajos civiles.



RIEGOS LEVANTE (RLM)

Climate control
Drip irrigation & aspersion
Hidroponical crops
Microsprinklers
Filters

RIEGOS LEVANTE is a innovative company of services dedicated to the world of the water and the agriculture placed in full heart of the Field of Cartagena, and that offers design of projects, installation, and the technical assistance needed for the perfect functioning of his systems, in any part of the world.

ADDRESS: Ctra. Pozo Aledo, Km. 4, s/n. 30739 Dolores.
Torre Pacheco. Murcia (Spain)

PHONE: +34 968 173 054

E-MAIL: phernandez@riegoslm.com

CONTACT PERSON: Pablo Hernández Segado

WEB: <http://www.riegoslm.com/>

Climatización de invernaderos
Riego por goteo y aspersion
Sustratos para cultivos hidropónicos
Microaspersores
Filtros

RIEGOS LEVANTE es una empresa innovadora de servicios dedicada al mundo del agua y la agricultura, situada en pleno corazón del Campo de Cartagena, y que ofrece diseño de proyectos, instalación, y la asistencia técnica requerida para el perfecto funcionamiento de sus sistemas, en cualquier parte del mundo.



RITEC Riegos y Tecnología, SL

Integral Irrigation Systems Phytosanitary irrigation Climatic control

Its main target is the manufacture and installation of automated systems of control of fertirrigation and the execution of integral projects for phytosanitary irrigation, treatment and climatic control, in any part of the world.

ADDRESS: Ctra. de Circunvalación, s/n. Apdo. 1163.
30880 Águilas. Murcia (Spain)

PHONE: +34 968 446 000

E-MAIL: luismiguel@ritec.es

CONTACT PERSON: Luis Miguel Pelegrín

WEB: <http://www.ritec.es/>

Sistemas de riego integrales Fertirrigación Control climático

Su actividad se centra principalmente en la fabricación e instalación de sistemas automatizados de control de fertirrigación y la ejecución de proyectos integrales para riego, tratamiento fitosanitarios y control climático, en cualquier parte del mundo.



RIEGOS Y CONDUCCIONES

*Irrigation Installation
Drinking Water Supply
Sanitation Water Piping*

Company with over 20 years of experience, whose mission is to provide their clients with the materials and services for the Landscaping, Green Areas, Fire Protection, and the integral use of water in all its variants: risks agricultural, irrigation for landscaping and sports fields, golf course irrigation, drinking water supply, sanitation water piping and water treatment.

ADDRESS: Pol. Ind. Oeste. Av. Juan de la Cierva, P. 26/6.
30169 San Ginés. Murcia (Spain)

PHONE: +34 966 740 880

E-MAIL: ivgarcia@riegosyconducciones.com

WEB: <http://www.riegosyconducciones.com/>

**Instalaciones de Riego
Conducciones de Agua Potable
Conducciones de Agua de Saneamiento**

Empresa con más de 20 años de experiencia, que tiene como misión ofrecer a nuestros clientes los materiales y servicios necesarios para la jardinería, protección contra-incendios y el aprovechamiento integral del agua en todas sus variantes: riegos agrícolas, para jardinería y campos deportivos, riegos de campos de golf, conducción de agua potable, conducción de aguas de saneamiento y depuración de aguas.



RIEGOS VISAN

*Public Works
Reservoirs & Waterproofing
Swimming Pools
Irrigation Installation*

RIEGOS VISAN is a company engaged in public works, waterproofing, reservoirs, swimming pools and installation of irrigation systems with the latest technology for saving water.

ADDRESS: Ctra. San Javier, Km 8. 30590 Sucina. Murcia (Spain)

PHONE: +34 968 120 451

E-MAIL: riegos@riegosvisan.com

CONTACT PERSON: Miguel Sánchez

WEB: <http://www.riegosvisan.com/>

**Obras Públicas
Embalses e impermeabilizaciones
Piscinas
Instalaciones de Riego**

RIEGOS VISAN es una empresa que se ocupa de soluciones integrales para Obras Públicas, impermeabilización, embalses, piscinas e instalación de riego con la última tecnología para ahorrar agua.



SERVI RAIN, SA

*Drip irrigation & aspersión
Water Treatment Equipment
Phitosanitary Irrigation*

SERVI RAIN is a Company with more than 20 years of experience being employed at the sector of the water, both at the Agriculture and at the Civil Work. In the Agriculture implanting systems of Irrigation for Drip and Aspersión in horticultural estates and of fruit-bearing trees, with the filtering units, equipment of fertirrigation and of injection of fertilizers, etc.

ADDRESS: Avda. de Las Moreras, 6. 30870 Mazarrón.
Murcia (Spain)

PHONE: +34 968 592 556

E-MAIL: servirain@servirain.com

CONTACT PERSON: Juan José Oliva Martínez

WEB: <http://www.servirain.com/>

**Riego por aspersión y goteo
Equipos de Tratamiento de Agua
Fertirrigación**

SERVI RAIN es una empresa con más de 20 años de experiencia trabajando en el sector del agua, tanto en la agricultura como en la obra civil. En la agricultura implantando sistemas de riego por goteo y aspersión en fincas hortícolas y de árboles frutales, con sus cabezales de filtrado, equipos de fertirrigación y de inyección de fertilizantes.



NOVEDADES AGRÍCOLAS, SA

*Irrigation Installation
Water Treatment Equipment
Phitosanitary Irrigation - Dams*

Novedades Agrícolas S.A. was founded in 1978 and although initially it began manufacturing and installing trickle watering systems, it soon evolved by incorporating new business lines, directly related with intensive production, such as the installation of greenhouses, screens, construction of gardens, large parks and green spaces, heating, substrates, humidification, climate control, osmosis, reservoirs, etc. and developed into a pioneer company in Spain, constantly growing and absolute leader in its sector, as well as becoming the Spanish company with most international projection in this field.

ADDRESS: Carretera Mazarrón km 2,5.
30870 Mazarrón. Murcia (Spain)

PHONE: +34 902 400 313

E-MAIL: novedades@novedades-agricolas.com

WEB: www.novedades-agricolas.com

**Instalaciones de Riego
Equipos de Tratamiento de Agua
Fertirrigación - Embalses**

Novedades Agrícolas S.A. es una empresa de la industria auxiliar de la agricultura especializada en diseñar, fabricar e instalar proyectos “llave en mano” de tecnología para la agricultura intensiva en cualquier parte del mundo.



PORTMAN GARDEN

Ponds, pools and gardens

Portman Garden is a company dedicated to designing and creating gardens, with special emphasis on sustainable gardens, with new design trends. In recent years, the company has evolved and specializing in water creating water gardens with wildlife, fish and plants, plus pools and Ecological naturalized, using systems and natural treatments.

ADDRESS: C/ Mar, 23. 30364 Portmán-La Unión. Murcia (Spain)

PHONE: +34 968 548 426 / +34 687 826 369 /
+34 609 615 025

E-MAIL: info@portmangarden.es

CONTACT PERSON: Antonio Robles

WEB: www.portmangarden.es

Estanques, piscinas naturales y jardines

Portman Garden es una empresa dedicada al diseño y creación de jardines, poniendo un énfasis especial en los jardines sostenibles, con nuevas tendencias y mediante un diseño previo. En estos últimos años, nuestra empresa ha ido evolucionando y especializándose en el agua, creando jardines acuáticos con vida natural, peces y plantas, además de piscinas naturalizadas y ecológicas, utilizando sistemas y tratamientos naturales.



BEGAMAR PLASTIC

ADDRESS: Pol. Ind. C/ Severo Ochoa, 31. Ctra. Los Alcázares-Torre Pacheco, km. 2. 30710 Los Alcázares. Murcia (Spain)

PHONE: +34 968 334 588

E-MAIL: tecnico@begamarplastic.com

CONTACT PERSON: Cristóbal Soria López

WEB: www.begamarplastic.com

Pipes of polypropylene and polyethylene

The company is specialized in installation and operation of synthetic pipes of polyethylene and polypropylene. They manufacture accessories engineered polyethylene and polypropylene for water supply, irrigation, cleaning, sanitation and industry.

Tuberías de polipropileno y polietileno

Empresa dedicada a la instalación y manipulación de tuberías sintéticas, polietileno y polipropileno.

Fabrican accesorios manipulados de polietileno y polipropileno para agua potable, riego, depuración, saneamiento e industria.



BORTUBO, SA

ADDRESS: Carretera Murcia-Fortuna, Km. 12. 30620 Fortuna.
Murcia (Spain)

PHONE: +34 968 685 346

E-MAIL: ppujante@bortubo.com

CONTACT PERSON: Pedro Pujante

WEB: www.bortubo.com

Pipes of polypropylene and polyethylene

Bortubo SA is a company in constant expansion, dedicated to the manufacturing of prefabricated concrete, mainly for Urban Planning and Public Works.

They manufacture a varied and wide range of products such as all kinds of pipe diameters for plain concrete and reinforced jacking pipes, reinforced concrete frames, fins, imposts, guardrails, manholes, special pieces, curbs and cobblestones.

Tuberías de polipropileno y polietileno

Empresa en constante expansión dedicada a la fabricación de prefabricados de hormigón, principalmente para obra pública.

Fabrican una amplia variedad de productos como toda clase de diámetros para tuberías de hormigón en masa y armado, tubos para hincas, marcos de hormigón armado, aletas, impostas, barreras de seguridad, pozos de registro, piezas especiales, etc.



TERM.ES

Pipes Irrigation facilities

TERM makes plastic pipes for agricultural irrigation facilities.

ADDRESS: P. I. Cabezo Beaza. Avda. Luxemburgo, Pr. J1.
30392 Cartagena. Murcia (Spain)

PHONE: +34 968 120 451

E-MAIL: term@cesser.com

WEB: <http://term.es/>

Tuberías Tecnologías del Riego

TERM fabrica tubos de plástico para instalaciones de riego agrícolas.



EXTRULINE SYSTEMS

Pipes Irrigation Installation

EXTRULINE SYSTEMS is a company that is present on the market with products basically for located irrigation, drinkable water supply, fibre optical pipelines, civil work and green spaces irrigation.

ADDRESS: Madre Paula Gil Cano, s/n. E. Torre Jemeca 9ª.
30009 Murcia (Spain)

PHONE: +34 968 400 827

E-MAIL: abayonas@extruline.es

CONTACT PERSON: Antonio Bayonas

WEB: <http://www.extruline.es/>

Tuberías Instalaciones de Riego

EXTRULINE SYSTEMS es una compañía que está presente en el mercado con productos básicamente para riego localizado, abastecimiento de agua potable, tuberías para fibra óptica, obra civil, riego de espacios verdes y bricorriego.



EMBALSES MIGUEL DE BÉJAR, SL

Dams, weirs, covers, pool of Liners, drinking water tanks

MIGUEL DE BEJAR RESERVOIRS, SL, has more than 30 years experience in the construction and lining of dams, weirs, covers, pool of Liners, drinking water tanks with polyethylene film of high and low density polyethylene, polypropylene and PVC.

ADDRESS: C/ Río Jucar, 4. Pol. Ind. El Saladar. 30564 Lorquí. Murcia (Spain)

PHONE: +34 968 694 717

E-MAIL: embalsesmbejar@terra.es

CONTACT PERSON: Miguel de Béjar

WEB: www.embalsesmigueldebejar.com

Embalses, vertederos, cubiertas, piscinas de Liner, depósitos de agua potable

EMBALSES MIGUEL DE BÉJAR, SL, tiene una experiencia de 30 años en la construcción y revestimiento de embalses, vertederos, cubiertas, piscinas de Liner, depósitos de agua potable con lámina de polietileno de alta y baja densidad, polipropileno y PVC.



PROYINS SOLER, SL

ADDRESS: Ctra. Murcia-San Javier. Apdo. 4441. 30080 Cañada de San Pedro. Murcia (Spain)

PHONE: +34 968 430 303

E-MAIL: proyins@hotmail.com

WEB: www.proyinsoler.com

Pipelines Irrigation facilities

Company specializing in all types of boiler works, mechanical engineering, pipelines and irrigation facilities. Carbon steel pipes, stainless steel, steel for driving steel drain, seamless steel, welded steel, aluminum, asbestos, metal, enamelled sheet, galvanized sheet, navy, etc.

Tuberías Sistemas de riego

Empresa especializada en todo tipo de trabajos de calderería, construcciones mecánicas, tuberías e instalaciones de riego. Tuberías de de acero al carbono, de acero inoxidable, de acero para conducción, de acero para desagüe, de acero sin soldadura, de acero soldada, de aluminio, de amianto, de chapa, de chapa esmaltada, de chapa galvanizada, armada; con filtro, con gotero, conducto PVC agua residuo colector, corrugada de plástico, corrugada de polietileno, etc.



BALINI

Ingeniería y Consultoría

Fluvial Engineering *Public Works* *Infrastructures Water Systems*

BALINI is a company engaged in public works, Infrastructures for Water Systems. They develop different projects like to channel water course, wastewater & Reuse Plants and Desalination Plants.

ADDRESS: Ctra. de la Fuensanta, 19. Entlo. 8.
30012 Murcia (Spain)

PHONE: +34 968 260 286

E-MAIL: juanjose@balini.es

CONTACT PERSON: Juan José Jimenez

WEB: <http://www.balini.es/>

Ingeniería Fluvial *Obras Públicas* *Infraestructuras para el Tratamiento del Agua*

BALINI es una empresa que realiza trabajos públicos, infraestructuras para redes fluviales. Desarrolla proyectos diferentes como canalizar ramblas, plantas de desalación, aguas negras y plantas de reutilización.



BIONET INGENIERÍA

Bioreactors

Purification columns

Ultrafiltration membranes

BIONET serve industries with high added value and high quality standards, where they can provide value to customers, as are biotechnology, bioenergy, chemical, food and defense. They design and build customized process packages of bioreactors, column purification, membrane separation and water treatment.

ADDRESS: Parque Tecnológico Fuente Álamo.
30332 Murcia (Spain)

PHONE: +34 902 170 704

E-MAIL: ricardo.egea@bionet.com

CONTACT PERSON: Ricardo Egea

WEB: <http://www.bionet.com/>

Biorreactores

Columnas de purificación

Ultrafiltración y membranas

BIONET trabaja con industrias de alto valor añadido y servicios de alta calidad, proporciona un gran valor al cliente, en las áreas de biotecnología, bioenergía, productos químicos, alimentos y defensa. Diseña y construye paquetes de proceso personalizados de biorreactores, columnas de purificación, separación de membranas y purificación del agua.



GRUPO IDEO

Wastewater Treatment

IDEO markets a patented SYMBIOTIC WASTEWATER TECHNOLOGY, an innovative and eco-efficient technology for wastewater treatment. With excellent results for effluent water quality, scientifically supported and successful in many symbiotic sewage plant running for the last decade. We distribute and commercialize water treatment plants from 1 m³/day (single dwelling), without limits of scale, through turn-key services.

IDEO also Works in International RT&D projects related to water quality: Iberoecka program and ECOWATEC - Capacities Program 7^o FP UE-

ADDRESS: Av. Principal. Pol. Ind. Oeste, s/n. 30169 San Ginés. Murcia (Spain)

PHONE: +34 675 970 056

E-MAIL: a.reales@grupoideo.es

CONTACT PERSON: Antonio Reales

WEB: <http://www.grupoideo.es/>

Tratamiento de aguas residuales

El Grupo IDEO diseña y comercializa una innovadora tecnología para depuración de aguas denominada SYMBIOTIC WASTEWATER TECHNOLOGY.



INGETYMSA, SLU

ADDRESS: Barriguera, 8. Santa Ana. Cartagena. Murcia (Spain)

PHONE: +34 968 169 860

E-MAIL: david.sanchez@ingetymsa.com

CONTACT PERSON: David Sánchez

WEB: www.ingetymsa.com

Selective elimination of marine vegetables
Submarine demolitions
Studies of environmental submarine impact
Perforation and blowing-up under the water

INGETYMSA SLU develops its activity in the areas of mining industry and environmental activities related to the water technologies.

Eliminación de vegetación marina
Demoliciones submarinas
Estudios de impacto ambiental
Perforaciones marinas

INGETYMSA SLU desarrolla su actividad en las áreas de minería y actividades ambientales relacionadas con las tecnologías del agua.



ABACOTECH

ICT *Systems of Irrigation*

ABACOTECH is a managerial group that develops its labour in the agroindustrial environment, ICT, systems of irrigation and engineering.

ADDRESS: Los Maines-La Puebla. 30395 Cartagena.
Murcia (Spain)

PHONE: +34 968 559 151

E-MAIL: abacotech@abacotech.com

CONTACT PERSON: Jesús Torres Bea

WEB: <http://www.abacotech.com/>

TIC *Sistemas de Riego*

ABACOTECH es una empresa fundada en febrero de 1997, cuya actividad se enmarca en el sector del metal, y en concreto en el subsector de la tecnología electrónica.



GUOTER

Depuración y Medioambiente

Water Quality and Purification Water treatment and reuse

GUOTER Engineering and Consulting is a business which focuses on Comprehensive Treatment of the Water Cycle, in particular, offers global solutions for: Improving Water Quality and Purification, collection and water supply and treatment and reuse.

ADDRESS: C/ Ortega y Gasset, nº 1, Esc. 1, 2º A.
30009 Murcia (España)

PHONE: +34 968 903 633

E-MAIL: info@guoter.com

CONTACT PERSON: Pedro Granero

WEB: <http://www.guoter.com>

Calidad del agua y depuración Tratamiento y reutilización

GUOTER es una ingeniería y consultoría cuya actividad se centra en el tratamiento integral del ciclo del agua, en concreto, propone soluciones globales en materia de: mejora de calidad de las aguas y potabilización, captación y abastecimiento de agua y depuración y reutilización.



AMBIENTALIA LEVANTE, SL

Waste water treatment

AMBIENTALIA LEVANTE is an innovative engineering company, specialized in waste water treatment, both industrial and urban.

ADDRESS: C/ Serrano Alcázar, 2. 30001 Murcia (Spain)

PHONE: +34 968 932 700

E-MAIL: ambientalia@ambientalialevante.com

CONTACT PERSON: Luis Abellán

WEB: <http://www.ambientalialevante.com/>

Tratamiento de aguas residuales

AMBIENTALIA LEVANTE es una empresa de ingeniería innovadora, especializada en depuración de aguas residuales, tanto industriales como urbanas.

DESALACIÓN INTEGRAL SYSTEM, SL

Desalination Systems

Desalination Integrated Systems, Ltd was established in 2002 by experienced technicians and entrepreneurs in desalination and water purification. After numerous studies have patented a new desalination plant called "Integrated Dual High Vacuum," which combines a series of processes takes almost 100% of the treated water or sea salt, getting a very high water quality, eliminating the salt-pipe and reducing considerably the cost of water produced.

ADDRESS: C/ Alfonso X El sabio, nº 11. Esc. 2ª. E1.
30008 Murcia (Spain)

PHONE: +34 968 245 556 / +34 619 115 730

E-MAIL: jce@desalacionintegral.com

CONTACT PERSON: José Clavel

WEB: <http://www.desalacionintegral.com/>

Sistema de desalinización

Desalación Integral Systems, S.L., comienza su andadura empresarial en enero del año 2002. Está formada por técnicos y empresarios experimentados en desalación y depuración de aguas. Después de numerosos estudios han patentado una nueva desaladora denominada "De Alto Vacío Dual Integral", que combinando una serie de procesos aprovecha prácticamente el 100% del agua tratada del mar o salobre, obteniendo un agua de muy alta calidad, eliminando el salmueroducto y bajando considerablemente los costes del agua producida.



IASUR

Agua y Medioambiente

Desalination Systems

This company ranges from preliminary design to construction, operation and maintenance. IASUR was born with the aim of providing an outstanding response to this situation through the means of desalination-reverse osmosis.

IASUR has more than a decade of experience in this sector and many projects in the international market for both government agencies and private companies.

ADDRESS: C/ Santa Teresa, 8 entlo. 30005 Murcia (Spain)

PHONE: +34 968 282 121

E-MAIL: smartinez@iasur.com / rdiaz@iasur.com

CONTACT PERSON: Salvador Martínez y Rodrigo Díaz

WEB: www.iasur.com

Sistema de desalinización

Esta compañía abarca desde el pre-proyecto hasta la construcción, puesta en marcha y funcionamiento de desaladoras por ósmosis inversa.

IASUR tiene más de una década de experiencia con proyectos internacionales tanto para organismos públicos como privados.



NAVART

Navarro Artero, SL

Supply and sanitation
Ditches and drains
Margins and channeling Defenses

Navarro Artero offers comprehensive service for all those needs related to water facilities in the world. It has over 23 years experience in the field of waterworks and water treatment, with extensive experience, know-how and execute each of the projects in which we intervene. Navarro Artero has links with leading companies across Europe. This allows permanent access to the most modern technologies of water treatment installation, which used to benefit its customers. We offer engineering (external) basic and detail in the implementation of all projects.

ADDRESS: Políg. Ind. Oeste. C/ Perú Parcela 1/13 Nave 10.
30820 Alcantarilla. Murcia (Spain)

PHONE: +34 968 804 057

E-MAIL: navart@navart.es

WEB: www.navart.es

Abastecimiento y saneamiento
Acequias y desagües
Márgenes y encauzamientos

Navarro Artero es una empresa creada en 1988, cuyos inicios se centraron en instalaciones de riego para el sector agrícola, derivando su actividad posteriormente, a partir de 1995, en instalaciones hidráulicas y todo tipo de tratamientos de agua para los sectores de obra pública, privada, industrial, etc.



COBET

Tratamiento del Agua, SL

Wastewater & Reuse Renewable energy

COBET develops Microbiology Systems for the Purification of the Waste Water. Reuse of contaminated water with high conductivity, using renewable energy.

ADDRESS: C/ La Justicia, 6. 30011 Murcia (Spain)

PHONE: +34 968 120 451

E-MAIL: cobet@cobet.es

CONTACT PERSON: Juan Alfonso Hernández

WEB: <http://www.cobet.es/>

Reutilización de Aguas negras Energía Renovable

COBET desarrolla microbiología para la purificación de aguas residuales. Además, reutiliza el agua contaminada con alta conductividad, usando energía renovable.



ECOVIDRO

Agua y Medioambiente

Water Purification
Wastewater Treatment
Water Desalination

ECOVIDRO is a company specialized in water treatment projects in several market segments: water purification, wastewater treatment, recycled water treatment, water desalination, high quality purification and grey water treatment.

ADDRESS: Pol. Ind. El Arreaque, Módulo 10, Parcelas 4/8.
30170 Mula. Murcia (Spain)

PHONE: +34 902 107 186

E-MAIL: itoledo@ecohidro.es

CONTACT PERSON: I. Toledo

WEB: <http://www.ecohidro.es/>

Potabilización
Tratamiento de aguas residuales
Desalinización

ECOVIDRO es una compañía joven formada por un equipo cualificado y experimentado de profesionales, especializada en el desarrollo de proyectos para el tratamiento de aguas en diversas áreas de actividad: potabilización, depuración, reutilización, desalinización, purificación y aguas grises.



HIDROTEC

Water Purification
Wastewater Treatment
Water Desalination

HIDROTEC offers integral solutions to the problems of treatment of the water using the most innovative technologies. They provide turn-key facilities completely adapted to the specific problem to treating. They supply modular facilities mounted in compact frames of easy installation and that allow an increase to climb of the installed capacities of treatment.

ADDRESS: Ctra. de La Palma, Km 2.4. 30300 Cartagena.
Murcia (Spain)

PHONE: +34 968 316 312

E-MAIL: ajmorte@hidrotec.es

CONTACT PERSON: Antonio José Morte

WEB: <http://www.hidrotec.es/>

Potabilización
Tratamiento de aguas residuales
Desalinización

HIDROTEC es una compañía experta en el diseño, fabricación, mantenimiento y operación de una gran diversidad de instalaciones para el tratamiento del agua: desalinización por ósmosis inversa, tratamiento de aguas residuales urbanas e industriales, potabilización, filtración, descalcificación, intercambio iónico, etc.



NOVHIDRO

Water Purification
Wastewater Treatment
Water Desalination

NOVHIDRO focuses its work on designing, manufacturing and marketing automatic filtering systems for the protection and safety of hydraulic installations. The company's effectiveness and capacity are demonstrated in the agricultural, industrial and environmental fields, in water filtration and treatment, desalination, golf and other sporting clubs, gardening and landscaping, and in sanitation.

ADDRESS: Pol. Ind. La Estrella. C/ Osa Menor, Nave 12.
30700 Torre Pacheco. Murcia (Spain)

PHONE: +34 968 579 100

E-MAIL: fvalero@novhidro.com

CONTACT PERSON: Francisco Valero

WEB: <http://www.novhidro.com>

Potabilización
Tratamiento de aguas residuales
Desalinización

NOVHIDRO diseña, fabrica y comercializa sistemas de filtrado automático para la protección y seguridad de instalaciones hidráulicas, siendo su eficacia y capacidad demostrada en el ámbito agrícola, industrial, medioambiental, depuración y tratamientos de aguas, desalinización, campos deportivos y golf, jardinería y paisajismo, sanitario.



LABAQUA

Environmental Safety Water Microbiology & analysis Chemical Risk

LABAQUA works in environmental field such as microbiology, molecular diagnostics, analytical chemistry and olfactometry, as well as other topics such as reference materials, quality management intercomparison exercises, and computer.

ADDRESS: Olof Palme, 12. 30009 Murcia (Spain)

PHONE: +34 968 297 363

E-MAIL: francisco.lucas@labaqua.es

CONTACT PERSON: Francisco Lucas

WEB: www.labaqua.com

Seguridad ambiental Microbiología del agua y análisis Riesgo Químico

Los proyectos de investigación de la empresa LABAQUA abarcan campos diversos dentro del ámbito medioambiental, como el microbiológico, diagnóstico molecular, química analítica y olfatometría, así como en otros temas como son materiales de referencia, gestión de la calidad, ejercicios de intercomparación, e informática.



TRADESUR

Tratamiento Aguas del Sureste, SL

ADDRESS: C/ Chile, 29. 30820 Alcantarilla. Murcia (Spain)

PHONE: +34 636 983 181

E-MAIL: jltradesur@gmail.com

CONTACT PERSON: José Luis Navarro

WEB: <http://www.tradesur.es/>

Water Treatment & Recycling Wastewater Industry

TRADESUR has a cost effective technology for the recycling of urban and wastewater industry (SBS@).

Reciclaje de Aguas Aguas Negras

TRADESUR tiene un sistema bacteriológico secuencial (SBS@) con una tecnología innovadora y un precio competitivo que permite una depuración natural para todo tipo de agua residual orgánica.



TRÉBOL QUÍMICA, SL

Boiler Water Treatment
Cooling towers
Water purification
Reverse osmosis

TREBOL QUIMICA SL is a company with over twenty years experience and is dedicated to water treatment of the industry from capture and use to wastewater treatment.

ADDRESS: C/. Muralla del Mar, 16-7ºA. 30202 Cartagena. Murcia (Spain)

PHONE: +34 639 632 590

E-MAIL: arturo@trebolquimica.com

CONTACT PERSON: Arturo García

WEB: www.trebolquimica.com

Tratamiento de agua de calderas
Torres de refrigeración
Depuración de aguas
Ósmosis inversa

TRÉBOL QUÍMICA SL, es una empresa con más de veinte años de experiencia y que se dedica a tratamientos de agua en la industria. Contemplando el tratamiento del agua desde su captación y utilización hasta la depuración de aguas residuales.



OXITRON DEPURACIÓN

ADDRESS: Carretera de Santa Ana, Km. 0,1. 30520 Jumilla.
Murcia (Spain)

PHONE: +34 968 782 418

E-MAIL: oxitron@terra.ces

CONTACT PERSON: José María Cardenal

WEB: www.oxitrondepuracion.com

Wastewater Treatment

PURIFICATION OXITRON SL is dedicated for more than 15 years to wastewater treatment from industry and urban.

Tratamiento de aguas residuales

OXITRÓN DEPURACIÓN, SL es una empresa dedicada más de 15 años al tratamiento y depuración de las aguas residuales industriales y urbanas.



FUPINAX

Industrias Químicas

Water treatment products

FUPINAX manufactures and / or distributes and supplies water treatment products for industrial environments, such as corrosion and scale inhibitors, dispersants, antioxidants, descaling chemical cleaners, defoamers, antifreeze, biocides, sequestering agents, detergents (chlorine, alkali, acid, foaming ...), flocculants, algicides, etc.

ADDRESS: Polígono Industrial de Lorquí. C/ Molina, Nave 4.
30564 Lorquí. Murcia (Spain)

PHONE: +34 968 694 815

E-MAIL: fupinax@fupinax.com

WEB: www.fupinax.com

Productos químicos para tratamiento del agua

FUPINAX fabrica y/o distribuye y suministra productos para tratamiento de aguas en entornos industriales, como: inhibidores de corrosión e incrustación, dispersantes, antioxidantes, desincrustantes limpiadores químicos, antiespumantes, anti-congelantes, biocidas, secuestrantes, detergentes (clorado, alcalino, ácido, espumante...), floculantes, algicidas, etc.



HISPAVAL

Hispánica de Valvulería, SL

Check Valves, gate and pie

Founded in 1985, Hispanic Valves, SL manufactures valves for hydraulic pipes and irrigation systems evolving and improving their products with the development of new ones, ensuring in each case the highest manufacturing quality. In addition, to fulfill this premise, since 2001, was introduced quality management system ISO 9001 (certified by AENOR).

ADDRESS: Ctra. Alicante, km. 11. 30163 Cobatillas.
Murcia (Spain)

PHONE: +34 968 865 453

E-MAIL: hispaaval@hispaaval.es

CONTACT PERSON: José Hernández

WEB: www.hispaaval.es

Válvulas de retención, de compuerta y de pie

Fundada en el año 1985, Hispánica de Valvulería, S.L. se dedica a fabricar válvulas para conducciones hidráulicas y sistemas de regadío evolucionando y mejorando sus productos junto con el desarrollo de otros nuevos, asegurando en todos ellos la máxima calidad de fabricación. Además, para cumplir esta premisa, desde el año 2001, se implantó el sistema de gestión de calidad ISO 9001 (certificado por AENOR).



HIDROCONTA

Counters and automatic valves

HIDROCONTA offers customized solutions: from simple to complex domestic meters hydraulic control equipment for large agricultural facilities. We also have a complete range of interchangeable products and miscellaneous accessories, which make possible the complete adaptation of different products to individual customer requirements, while ensuring maximum control. Products: Hydraulic diaphragm valves, electromagnetic counters, etc.

ADDRESS: Carretera de Santa Catalina, 60.
30012 Murcia (Spain)

PHONE: +34 968 267 788

E-MAIL: hidroconta@hidroconta.com

WEB: www.hidroconta.com

Contadores y válvulas automáticas

HIDROCONTA ofrece soluciones a medida: desde sencillos contadores domésticos hasta complejos equipos de control hidráulico para grandes instalaciones agrícolas. Además, disponemos de una completa gama de productos intercambiables y accesorios diversos, que hacen posible la completa adaptación de los distintos productos a los requerimientos particulares de cada cliente, garantizando siempre el máximo control.



JUAN AZCUE, SA

Submersible Water Electro pumps

JUAN AZCUE designs and executes pumping facilities, as well as the sale and repair of water submersible pumps.

ADDRESS: Ctra. de Alicante, 213. 30160 Monteagudo.
Murcia (Spain)

PHONE: +34 968 230 236

E-MAIL: juanazcue@juanazcue.com

CONTACT PERSON: Juan Azcue

WEB: <http://www.juanazcue.com/>

Electrobombas sumergibles

JUAN AZCUE diseña y ejecuta instalaciones de bombeo, así como la venta y reparación de grupos de electrobombas sumergibles.



PROINDECSA Proyectos y Delegaciones

Electro water pump Irrigation technology

PROINDECSA was founded in 1975 and has since then been linked to the world of the pump. Our business is to provide pumping solutions with our brands, recognized worldwide for its quality and prestige. Specialists in the management of fluids intended for Irrigation, Construction and Industry.

ADDRESS: Pol. Ind. Oeste. Parc. 25/12. 30169 San Ginés.
Murcia (Spain)

PHONE: +34 968 880 852

E-MAIL: angelhg@proindecsa.com

WEB: <http://www.proindecsa.com/>

Electrobombas Tecnologías del Riego

PROINDECSA se fundó en 1975 y desde entonces hemos estado vinculados al mundo de las electrobombas. Nuestra actividad es dar soluciones de bombeo con nuestras marcas, reconocidas a nivel mundial por su calidad y prestigio. Especialistas en el manejo de fluidos destinados al riego, construcción e industria.



TALLERES PATIÑO

Water Pumps Pipelines

TALLERES PATIÑO designs, makes, distributes, mounts and repairs pipelines, centrifugal pumps and groups of pressure.

ADDRESS: Pol. Ind. Oeste, s/n. Parc. 20-11. Apdo. 94.
30169 San Ginés. Murcia (Spain)

PHONE: +34 968 881 162

E-MAIL: admo@tallerespaiño.es

CONTACT PERSON: José Luis Verdú

WEB: <http://www.tallerespaiño.es/>

Bombas de agua Conducciones de agua

TALLERES PATIÑO diseña, fabrica, distribuye, monta y repara tuberías, bombas centrífugas y grupos de presión.



AFORMHIDRO Aforos y mantenimientos hidráulicos, SA

Hydraulic Maintenance Water electro pumps

AFORMHIDRO repairs all kind of mechanical and electrical water electro pumps. We modify the characteristics of flow and head of the pumps and voltage changes in the engines.

ADDRESS: General Moscardó, 15. El Albujión.
30330 Cartagena. Murcia (Spain)

PHONE: +34 968 550 040

E-MAIL: aformhidro@aformhidro.com

CONTACT PERSON: Salvador Conesa Navarro

WEB: <http://www.aformhidro.com/>

Mantenimiento Hidráulico Bombas de agua eléctricas

AFORMHIDRO repara toda clase de electrobombas de agua mecánicas y eléctricas, ya sea canalizándola o bombeándola, para su utilización en la industria, la agricultura, obras públicas, abastecimientos, marina, plantas petrolíferas y minería.



M.O. INGENIERÍA DEL LEVANTE, SL

Engineering and distribution Submersible pumps

M.O. Ingeniería de Levante, SL is a company dedicated to engineering, distribution and installation of SULZER water pumps.

ADDRESS: C/ Milenio, parcela 11/2 - Nave A6. Pol. Ind. Oeste.
30820 Alcantarilla. Murcia (Spain)

PHONE: +34 968 805 252

E-MAIL: marcelino.olmos@sulzer.com

CONTACT PERSON: Marcelino Olmos

WEB: <http://www.sulzerpumps.com/>

Ingeniería y distribución Bombas sumergibles

M.O. Ingeniería de Levante, SL es una compañía dedicada a la ingeniería, distribución e instalación de bombas de la marca SULZER.



WTECH Water Technologies

*Automation and Remote
Wells and Surveys
Water treatment and purification
Desalination of brackish and seawater*

Water Technologies is a leader in the design and development of hydrogeological infrastructure and facilities. Teams of engineering and consulting firm with a long tradition and experience in conducting hydrological and hydrogeological studies, placing it as a benchmark company in the national scene in these disciplines.

ADDRESS: C/ Central, 13, 3C. Torre Godoy.
30100 Murcia (Spain)

PHONE: +34 968 901 004 / +34 968 901 067

E-MAIL: contacto@wtech.es

WEB: www.wtech.es

**Sistemas de automatización y telecontrol
Pozos y sondeos
Tratamiento y depuración de aguas
Desalinización de aguas salobres y agua de mar**

Water Technologies es empresa líder en el diseño y desarrollo de infraestructuras hidrogeológicas e instalaciones. Cuenta con equipos de ingeniería y consultoría con una importante tradición y experiencia en la realización de estudios hidrológicos e hidrogeológicos, lo que la coloca como empresa de referencia en el panorama nacional en estas disciplinas.



TCA, SL

Tecnologías de Control y Accionamientos

Electricity
Electronics
ICT

TCA works in marketing, implementation, advice and support of equipment and systems for industrial automation.

ADDRESS: Políg. Ind. BASE 2000. Av. Región de Murcia, s/n.
30564 Lorquí. Murcia (Spain)

PHONE: +34 968 687 860

E-MAIL: isidro@tcasl.com

CONTACT PERSON: Isidoro Gómez Conesa

WEB: <http://www.tcasl.com/>

Electricidad
Electrónica
TIC

TCA trabaja en marketing, tiene un equipo de apoyo, asesoramiento y sistemas para automatización industrial.



SPEEN2

Soluciones tecnológicas

Electronic Desing Software Applications

Speen2 is specialized in electronic design and software applications aimed at productive and service activities in sectors such as energy, water, home automation, communications and process control.

ADDRESS: CEEIM Building. Module 19. 30100 Espinardo.
Murcia (Spain)

PHONE: +34 686 235 459

E-MAIL: rcsaez@speen2.com

CONTACT PERSON: Roberto Sáez Muñoz

WEB: <http://www.speen2.com/>

Diseño Electrónico Aplicaciones Software

En Speen2 estamos especializados en diseño electrónico y aplicaciones de software dirigidas a actividades productivas y de servicios, en sectores como energía, agua, domótica, comunicaciones y control de procesos.



AZUD

Irrigation - Filtration Water Treatment

AZUD is a world leader brand with a global project. The strategy developed based on the culture of water, the innovation and the orientation to the customer, have favoured its fast and consolidated international growing. AZUD is present in more than 70 countries of the five continents. Products made:

- To irrigation: drip emitters, filtration, fertigation, irrigation fittings, microsprinklers, landscape.
- To filtration: automatic and manual disc filtration equipments, control units, automatic screen filters.
- Treatment: Wastewater Treatment, desalination (Reverse Osmosis), high quality purification, recycled water treatment.

ADDRESS: Apdo. 147. Alcantarilla. 30820 Murcia (Spain)

PHONE: +34 968 893 080

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CONTACT PERSON: José María Buitrago López

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Riego - Filtración Tratamiento del agua

AZUD es una marca internacional con un proyecto global. La estrategia desarrollada, basada en la cultura del agua, innovación y orientación al cliente, ha propiciado su rápido y consolidado crecimiento internacional estando presente en 70 países.



BEL COMPOSITE IBÉRICA, SL

Pressure Vessels

BEL group of companies is working in worldwide with independent logistic centers and distribution systems in USA, Singapore, Israel and Spain. The group was founded in 1966 and rapidly increased its activities in the Composite material production market.

BEL Vessels designed and produced with full compliance to the ASME Section X code, American Society of Mechanical Engineers, Boiler and Pressure Vessel Code.

ADDRESS: Parque Tecnológico Fuente Álamo.
Ctra. del Estrecho-Lobosillo, km. 2.
30320 Fuente Álamo. Murcia (Spain)

PHONE: +34 968 197 501

E-MAIL: iberica@bel-g.com

WEB: <http://www.belvessels.com>

Tubos y recipientes resistentes a altas presiones

El grupo de empresas BEL está trabajando en todo el mundo con centros logísticos independientes y sistemas de distribución en EE.UU., Singapur, Israel y España. El grupo fue fundado en 1966 y rápidamente aumentó sus actividades en el mercado de producción de material compuesto.

BEL Vessels diseña y produce con el pleno cumplimiento con el código ASME Sección X, de la Sociedad Americana de Ingenieros Mecánicos, Ingenieros, Código para Calderas y Recipientes a Presión.



FREMM

Regional Federation of Employers of the Metal of Murcia

The FREMM is a regional business organization that brings together employers in the metal sector activities (production, trade, repair, installation and maintenance) articulated through 42 Associations and Guilds and various Group Activity. Born in 1977 and since then has managed to overcome the 3,000 member companies.

ADDRESS: C/ Metal, nº 4. 30009 Murcia (Spain)

PHONE: +34 968 931 502

E-MAIL: fremm@fremm.es

CONTACT PERSON: Gracia Morata

WEB: www.fremm.es

To achieve these ends, we offer partners our material and human resources, offering a varied and complete range of services and develop those training activities that are necessary to improve performance and productivity of enterprises and their workers.



CAMPUS MARE NOSTRUM

Campus Mare Nostrum 37 /38 is the International Excellence Campus for Higher Education and Research of the University of Murcia (UM) and the University of Cartagena (UPCT). The campus is a joint effort of international organizations, research centres, technology parks, companies and the administration, which seeks to transform the Region of Murcia into a pole of international, high-quality education, science, business and culture in the Mediterranean area.

The CMN establishes three areas of excellence in the fields of training, research, and technology transfer that have been carefully selected according to the strengths of the aggre-

E-MAIL: comunicacion@campusmarenostrum.es
ramon.ruiz@upct.es

WEB: www.campusmarenostrum.es

gated entities, the geographical context of the CMN and the need to provide solutions to the common challenges of the Mediterranean area:

- Bio-economics based on agri-food.
- Technologies for healthcare and quality of life.
- The Mediterranean sea and naval & marine technology.

The following map shows the current CMN presence in the Mediterranean countries in terms of mobility programmes, research projects, and training & cooperation activities.

IRRIGATION WATER IN AGRICULTURE

Research Group Region of Murcia (CEBAS-CSIC - IMIDA - UPCT)

WEB: www.cebas.csic.es/

WEB: www.imida.es/

WEB: www.upct.es/

The group “**Irrigation water in Agriculture**” is the result of the union of three research groups from three public research Institutions in the Region of Murcia. These research institutions are: Centre for oil Science and Applied Biology of Segura (CEBAS-CSIC), Murcia Region Institute of Agri-Food Research and Development (IMIDA) and the University School of Agricultural Engineering of Cartagena (EPSIA-UPCT).

Research Group's POC: **Dr. Alejandro Pérez-Pastor** (alex.perez-pastor@upct.es)

Last position held of each member of the group

- Dr. Juan José Alarcón Cabañero. *Research Professor of CSIC* (jalarcon@cebas.csic.es)
- Dra. María Jesús Sánchez Blanco. *Scientific Researcher of CSIC* (quechu@cebas.csic.es)
- Dr. Emilio Nicolás Nicolás. *Staff Researcher of CSIC* (emilio@cebas.csic.es)

- Dr. Pablo Botía Ordaz. *Agricultural Researcher of IMIDA* (pablo.botia@carm.es)
- Dr. Juan Gabriel Pérez Pérez. *Agricultural Researcher of IMIDA* (juang.perez@carm.es)
- Dra. Josefa María Navarro Acosta. *Agricultural Researcher of IMIDA* (josefam.navarro2@carm.es)
- Dr. Rafael Domingo Miguel. *Full Professor of UPCT* (rafael.domingo@upct.es)
- Dr. Alejandro Pérez Pastor. *Professor of UPCT* (alex.perez-pastor@upct.es)

Main research topics

Plant water relations; Regulated deficit irrigation strategies; Partial root drying strategies of sub-surface drip irrigation; Crop water requirements; Irrigation with reclaimed wastewater; Biosensors for irrigation scheduling; Fruit quality models; Ornamental plants; Hardening techniques; Environmental stresses.



UNIVERSIDAD DE MURCIA (UMU)

- Founded in 1915.
- 30,000 students.
- 2,100 professors.
- 1,100 technicians and administrative.
- 300 research groups.

ADDRESS: Avda. Teniente Flomesta, 5. 30003 Murcia. Spain

WEB: www.um.es

Research Areas Related to Water Tech in UMU:

Research Group:

AGRICULTURAL AND ENVIRONMENTAL CHEMISTRY

Researcher: Dr. Simón Navarro (snavarro@um.es)

Main areas and objectives:

- Public Health & Water Quality.
 - Behaviour and fate of xenobiotics in environmental compartments (soil and water).
 - Pollution of Environmental Water.
- Technology in Water Treatment for Drinking and Wastewater & Reuse.
 - Advanced Oxidation Processes for Water Detoxification (Solar Photocatalysis).

Research Group:

TELEMATICS RESEARCH IN WATER MANAGEMENT

Researcher:

- Dr. Antonio Gómez-Skarmeta (skarmeta@um.es)

Main areas and objectives:

- Information Technologies for Water Management.
 - New sensors and data acquisition system.
 - Telemonitoring and remote control of water distribution system in fields.

Research Group:

MEMBRANE TRANSPORT. HYDROLOGY AND DESALINATION

Researchers:

- Dr. José A. Ibáñez (jaibanez@um.es)
- Dr. Melchor Senent (melchors@um.es)
- Dr. David Martínez (davidmv@um.es)

Main areas and objectives:

- Desalination Technologies.
 - Membrane Transport and Characterization. Desalination.
 - New, innovative and cost/energy efficient technologies.
 - Technical and economic applicability of desalinated water.
- Surface and Groundwater Resources.
 - Natural groundwater recharge in arid and semi-arid areas.

- Groundwater modeling.

- New and innovative technologies for groundwater research and monitoring, leading to its sustainable management.

Research Group:

WATER LAW

Researchers:

- Dr. Santiago Álvarez (santialv@um.es)
- Dra. Teresa M^a. Navarro (tnavarro@um.es)

Main areas and objectives:

- Social and Policy Assessment of Water.
 - Water Law (environmental quality, water markets, water banks, desalination, reclaimed water...).

Research Group:

APPLIED ENGINEERING

Researcher:

- Dr. Humberto Martínez-Barberá (humberto@um.es)

Main areas and objectives:

- Information Technologies for Water Management.
 - Application of Information Technologies to agricultural issues, mainly climate control and fertirrigation.



Research Group:

ECOLOGY OF CONTINENTAL WATERS

Researchers:

- Dra. M^a Luisa Suárez (mlsuarez@um.es)
- Dra. M^a Rosario Vidal-Abarca (charyvag@um.es)
- Dra. Rosa Gómez-Cerezo (rgomez@um.es)

Main areas and objectives:

- Water Uses & Environment.
 - Water quality control, including water contamination control in water supply systems, ground systems, and sanitation systems.

Research Group:

WATER TECHNOLOGY

Researchers:

- Dr. José Sáez (saezmer@um.es)
- Dra. Mercedes Llorens (llorens@um.es)

Main areas and objectives:

- Technology in Water Treatment for Drinking and Wastewater & Reuse.
 - Domestic and industrial wastewater treatment: waste stabilisation pond systems, symbiotic treatment, physico-chemical treatment.

- Reuse of treated wastewater in irrigation.
- Biosorption of pollutants: heavy metals, dyes.
- Sewage sludge characterization.

Research Group:

AQUATIC MICROBIOLOGY AND MICROBIAL ECOLOGY

Researcher:

- Dr. Francisco Torrella (torrella@um.es)

Main Areas and Objectives:

- Public Health & Water Quality.
 - Microbiology of water depuration systems.
 - Microbiological aspects of agricultural reuse of reclaimed water.

Research Group:

ENVIRONMENTAL CHANGES AND LANDSCAPE TRANSFORMATION

Researcher:

- Dr. José M^a Gómez-Espín (espin@um.es)

Main Areas and Objectives:

- Water Uses & Environment.
 - Sustainability in Water Use.
 - Savings and Efficient use of Water: Irrigation and Modernization.



CETENMA

Centro Tecnológico de la Energía y del Medio Ambiente

The Technology Center for Energy and the Environment is configured as a reference in RTD in the water sector.

CETENMA is a nonprofit Business Association, established in 2000 in order to provide support for research and technological innovation to businesses and thereby contribute to improve their competitiveness. The RTD activities at our center include 4 main areas of Knowledge: Water Technologies, Bioenergy, Energy Efficiency and Renewable Energies.

CETENMA has over 10 years of proven experience in RTD in Water Technologies with companies in different fields: purification, purification, desalination and reuse.

The main peculiarity of CETENMA is to have Pilot Plants of the major water treatment technologies, providing information to determine if a new process, or the adaptation of an existing one, is technically and economically feasible, and to establish

ADDRESS: Polígono Industrial Cabezo Beaza. C/ Sofía, 6-13.
30353 Cartagena. Murcia (Spain)

PHONE: +34 968 520 361

E-MAIL: cetenma@cetenma.es

WEB: <http://www.cetenma.es>

parameters for the operation optimal of the process for the subsequent design and construction of the plant on an industrial scale, thereby reducing the costs associated with investment and fixed operating costs inherent in an industrial plant. The infrastructure in the area of water is completed with a wide range of laboratory equipment that allows the matching and validation of data from the pilings.

CETENMA also has a Waste Energy Recovery Laboratory intended primarily for the generation of biogas through codigestion of agricultural residues, livestock, food, and sewage treatment plant sludge.

The experiments are conducted on a small scale digesters bench and later scaled to pilot plant continuous anaerobic digestion, making it possible to determine jointly the full potential of biogas production and composition.



IEA Fundación Instituto Euromediterráneo del Agua

The Foundation Euromediterranean Water Institute was established by Resolution Council of Europe 11 April 2001 with the aim of collaborating in the study and research of water resources in the Mediterranean basin, with especial consideration to the problems of scarcity.

Since its creation to the present, the IEA Foundation, has worked together with Spanish and foreign universities:

- 1) Has formalized about 97 cooperation agreements.
- 2) Has developed around 25 research projects.
- 3) Since 2002 has invested in research activities the 80% of its annual budget.

E-MAIL: amnieto@um.es

CONTACT PERSON: Antonio Martínez Nieto
(Secretary General IEA Foundation)

WEB: www.f-ia.es

In 2010 begins a new era for the Foundation IEA with greater involvement in European and international projects: The AR-LEM Report on Local Water Management in the Mediterranean, the Platform for Water Resources Research, the Mediterranean Water Forum and the International Academic Forum for Water Studies.



INSTITUTO GEOLÓGICO Y MINERO DE ESPAÑA

The main mission of IGME is to provide the State Administration, the Autonomous Regions Administrations and the general society, with precise knowledge and information regarding the Earth Sciences and related technologies for any development on the Spanish territory.

The functions of the Geological Survey of Spain are:

- Studies, analysis and research in the field of Earth Sciences and Technologies.
- Generation of basic scientific knowledge.
- Information, technical-scientific assistance and advice to public administrations, economic agents and society in general, concerning geology, hydrogeology, geo-environmental sciences, geological resources and minerals.

ADDRESS: Avda. Miguel de Cervantes, 45-5º A.
30009 Murcia (Spain)

PHONE: +34 968 245 012

E-MAIL: murcia@igme.es

CONTACT PERSON: Ramón Aragón Rueda

WEB: www.igme.es

- Interdisciplinary relations with other areas of knowledge, contributing to the best understanding of the territory and of the processes that form and modify it, to the sustainable use of its resources and the conservation of the geological and hydro-geological heritage.
- Preparing and implementing budgets of R&D&I and knowledge infrastructures in national and international programmes, within the scope of its competences.

IGME's activities in HYDROGEOLOGY AND ENVIRONMENTAL QUALITY include the study of the available usable groundwater resources, their natural quality and the assessment of the pressures and impacts they are subjected to.



A rational use of the resources as well as the ability to exploit them without affecting its associated ecosystems is also a priority.

Main activities in this field are:

- SIAS – Groundwater Information System.
- Hidrogeology and wetlands.
- Mineral Water.



CEEIM

Centro Europeo de Empresas e Innovación de Murcia

The European Business and Innovation Center of Murcia (CEEIM) link support for the creation and consolidation of innovative companies, which undoubtedly contributes to the creation of a dynamic business network, sustainable and highly competitive.

The CISM promotes the entrepreneurial culture. Since it's established in 2007 has led to the creation of 75 innovative companies and technology base in the region, as an incubator for business projects, of which 21 came last year (2011).

Related to Water issue the CEEIM accommodated in its infancy the company TELERIEGO and CONTROL SYSTEMS specializes in Mediterranean areas remote control and automation of hydraulic, environmental, industrial and water networks.

ADDRESS: Edificio CEEIM. Campus Univ. de Espinardo s/n.
30100 Espinardo. Murcia (Spain)

PHONE: +34 902 508 666

E-MAIL: info@ceeim.es

WEB: www.ceeim.es

TELERIEGO and CONTROL SYSTEMS aims to apply technological innovations to achieve greater control over the infrastructure and operation of major environmental projects, hydrologic and industrial.

The technical team is capable of designing and writing projects where multiple disciplines such as civil works, telecommunications, automation and instrumentation, electrical, offering an automated solution to many of the projects in remote environmental civil engineering, industrial and automation risks in large farms.



REGIÓN DE MURCIA

WEB: www.carm.es

Regional Ministry of Universities, Companies and Research

The Regional Ministry of Universities, Companies and Research, is the Department of the Autonomous Community of Murcia responsible for proposing, developing and implementing guidelines of the Governing Council in the following areas: universities, promotion and general coordination scientific research, business support, innovation, industry, energy and mines.

- **General Directorate of Universities and Scientific Policy (DGUPC).** The DGUPC shall exercise the powers in university and higher education, promotion, coordination and monitoring of science policy, research and innovation.
www.plandeciencia.com
- **Institute of Develop of Region of Murcia (INFO).** The INFO is the development agency of the Autonomous Region of Murcia, which is entrusted with technological development, encourage the international expansion of companies, providing consulting and advisory services to companies in investment projects, facilitate access to financing for business

projects, participate in innovative financing instruments to support SMEs and entrepreneurs.

www.institutofomentomurcia.es

Regional Ministry of Agriculture and Water

The Regional Ministry of Agriculture and Water is the Department of the Autonomous Community of Murcia responsible for proposing, developing and implementing guidelines of the Governing Council on agriculture, livestock, fisheries and water, as well as the current regulations as authorized body attributed to the payment of expenditure on the Common Agricultural Policy (paying Agency), those relating to research and technological development in agriculture, forestry and food, research on fisheries, marine aquaculture and seaweed cultivation.

- **General Directorate of Water (DGA).** The (DGA) assumes the powers and functions relating to water works, sanitation and water purification.
- **Regional Entity Sanitation and Wastewater Treatment (ESAMUR).** Regional Public Enterprise established by Law



3/2000 of 12 July, Sanitation and Wastewater Treatment and Sanitation Implementation of Canon is attached to the Ministry of Agriculture and Water and its mission is to collect and manage Canon Sanitation applying these economic resources to the operation, maintenance and control of public facilities for sanitation and wastewater treatment.

www.esamur.com



CONFEDERACIÓN HIDROGRÁFICA DEL SEGURA

The Segura Hydrographic Confederation, is an autonomous body of the General Administration of State, attached, for administrative purposes, to the Ministry of Agriculture, Food and Environment.

It is a public entity with legal personality and autonomy who govern itself and administer the interests entrusted to them, to acquire and dispose of the assets and rights that can be their own property, to contract and to commit and to exercise, before the courts, all manner of actions, without other limitations than those imposed by law. His actions and decisions put an end to the proceedings.

Its structure and functions as well as their economic status and heritage are defined in the Royal Decree 1/2001 for approving the revised text of the water law.

ADDRESS: Plaza de Fontes , 1. 30001 Murcia (Spain)

PHONE: +34 968 358 890

WEB: www.chsegura.es

Functions:

1. The development of river basin management plan and monitoring and review.
2. The management and control of public water.
3. The management and control of the uses of general interest or which affect more than one region.
4. The design, construction and operation of the works carried out under the agency's own funds, and assigned to them by the state.
5. Subscribe collaboration agreements with regional governments, local corporations and other public or private, or agreements with individuals.