



Index in alphabetical order  
of all participating organizations with profiles

<b>A &amp; DAY S.R.L.</b>	ITALY - Page 17
ADaMo an innovative, easy.. effective software, to organize, manage and maintain the plant.	
<b>ACE - Agence Commerciale Export</b>	FRANCE - Page 18
Exclusive distributors for Water filtration products for domestic use.	
<b>ADAG research Group</b>	ITALY – Page 19
Development of horizontal and vertical axis hydro turbines for marine and river current energy exploitation.	
<b>Advanced Technological Engineering Servi</b>	ITALY – Page 20
Innovative mobile measurement station for evaluation of water quality	
<b>AFAK CONTROL CENTER</b>	ALGERIA – Page 21
Quality control of water and environment	
<b>AKEB sarl</b>	ALGERIA – Page 22
Hydraulic Equipments, Public works for water treatment plants.	
<b>ALG-CAR AGREAUX</b>	ALGERIA – Page 23
Equipments to produce pipe connection PEHD and geomembrane. Suppliers of pipes PEHD and PELD (high and low density)	
<b>ALGERIAN Trading Equipment</b>	ALGERIA – Page 24
Wastewater treatment for reuse in irrigation	
<b>AquaClara di D'Angelo Giorgio</b>	ITALY – Page 25
our company specializes in Water treatment design.	
<b>Aqua Filtre SAS</b>	FRANCE – Page 26
New product for water filtration for domestic or industrial applications	
<b>ARIESPACE srl</b>	ITALY – Page 27
Based on Earth Observation technologies, Ariespace provides innovative solutions for natural resources management from space	
<b>ARTENGINY S.L</b>	SPAIN – Page 28
AEGROUP - CIVIL ENGINEERING	
<b>AZIZ SARL</b>	ALGERIA – Page 29
Process and technology in supply and treatment of drinkable and waste water	
<b>Barthod Pompes</b>	FRANCE – Page 30
Plunger piston pumps.	

<b>Bekhdadi</b>	ALGERIA – Page 31	<b>EAU'RIZON</b>	FRANCE – Page 47
Hydraulic systems, electrical equipments and automatism		Studies and realizations of installations and equipments of water treatment in urban zones and industry.	
<b>BIOTRIT</b>	SPAIN – Page 32	<b>E.E.B.C. (Eau Energie Bio Construction)</b>	ALGERIA – Page 48
BIOTRIT S.A. offers compact waste water treatment solutions.		Small wastewater treatment plants	
<b>BRL ingenierie</b>	FRANCE – Page 33	<b>E.E.B.C. (Eau Energie Bio Construction)</b>	ALGERIA – Page 49
Consulting in Water engineering and Environment / Land development.		Technology in wastewater treatment	
<b>CALCEL RESINES</b>	FRANCE – Page 34	<b>E.G.E.C.A.</b>	ALGERIA – Page 50
World Leader in anchoring manhole cover		Software for topography, new technology for water purification	
<b>CARBOFIL FRANCE</b>	FRANCE – Page 35	<b>E.G.E.C.A.</b>	ALGERIA – Page 51
Carbofil®, compact aerobic system for fat, liquid manure and industrial wastewater treatment		Subcontracting in the field of the studies and the follow up of construction sites of purification of water.	
<b>C.C.S. SANTE ET ENVIRONNEMENT</b>	ALGERIA – Page 36	<b>Envirotech</b>	TUNISIA – Page 52
Platform for Production of Calcium Hypochlorite.		Equipments and new technology in waste water collect network.	
<b>C.C.S. SANTE ET ENVIRONNEMENT</b>	ALGERIA – Page 37	<b>Epur Nature</b>	FRANCE – Page 53
Chlorine Blocks		Reed bed filter for waste water treatment	
<b>CEASA</b>	SPAIN – Page 38	<b>FERTILAISER, SL</b>	SPAIN – Page 54
Manufacturer of water treatment equipment for drinking/process water applications		Water technologies for irrigation	
<b>CENOTE Sarl</b>	FRANCE – Page 39	<b>FOGAOSOL Maroc</b>	MOROCCO – Page 55
Innovative and multidisciplinary approach in karst water resource prospection, exploitation and management		Pumping water, turbine, aeropompes.	
<b>Centro ISIDE S.r.l.</b>	ITALY – Page 40	<b>FUTURA SYSTEMS, S.L.</b>	SPAIN – Page 56
Integrated and flexible solutions for real time environmental monitoring and web services		FUTURA SYSTEMS, S.L.	
<b>CHEKROUN FARID PROMOTION</b>	ALGERIA – Page 41	<b>G2C Environnement</b>	FRANCE – Page 57
Hydraulics, maritims, desalination.		Geographical Information Systems (GIS) for water service asset management.	
<b>CIRAM</b>	ITALY – Page 42	<b>Gamma Pharm</b>	ALGERIA – Page 58
Energy production and recovery in water systems (WATERGY)		Installation and Maintenance of water treatment station.	
<b>COMUNE DI SAN GIORGIO A CREMANO</b>	ITALY – Page 43	<b>GEOPROJECT S.R.L.</b>	ITALY – Page 59
FROM THE WATER, THE LIFE		GEOPROJECT: GEOLOGY AND CHEMISTRY FOR ENVIRON	
<b>CRACQ</b>	ITALY – Page 44	<b>HACH LANGE, S.L.U.</b>	SPAIN – Page 60
Biological and agronomic researchs related to aquatic environment		Water analysis	
<b>DOPEC S.L</b>	SPAIN – Page 45/46	<b>Hidro-Water SL</b>	SPAIN – Page 61
Dopec is a Civil Engineering and Architecture Consulting Firm expert in the design and construction supervision of the complete water management cycle. OFFER/REQUEST		Water well treated is our reason for being	
		<b>HP MAROC</b>	MOROCCO – Page 62
		Renewable energies and new technologies	

<b>HQA S.L</b>	SPAIN – Page 63	<b>Imageau</b>	FRANCE – Page 78
Low-cost and high-performance modular packaged drinking water plants using the innovative and effective continuous filtration technology		Dynamic management of salt intrusion into coastal water reservoirs.	
<b>HTS BIO</b>	FRANCE – Page 64	<b>Imex Embalaje SL</b>	SPAIN – Page 79
Biotreatment of organic contamination (hydrocarbons, greases, odors).		ESCOM Company. GRP (Glass Fiber Reinforced Plastic) products and structures.	
<b>HYDRITEC SYSTEMS</b>	TUNISIA – Page 65	<b>ISB WATER</b>	FRANCE – Page 80
Innovation in the field of water treatment and irrigation.		ION Scalebuster® - Physical water conditioner to inhibit and remove scale and or corrosion in various systems.	
<b>HYDRITEC SYSTEMS</b>	TUNISIA – Page 66	<b>Istituto di Chimica e Tecnologia dei Pol</b>	ITALY – Page 81
Irrigation systems and related services.		Innovative films for protected cultivations (greenhouses, tunnel and mulching) aiming to reduce water consumption in agriculture	
<b>IDECO SRL</b>	ITALY – Page 67	<b>ITC S.L</b>	SPAIN – Page 82
IDECO offers Biological New Technologies for high concentration waste.		1DOSING EQUIPMENT FOR AGRICULTURE AND WATER TREATMENT	
<b>IDI SRL</b>	ITALY – Page 68	<b>KHRYSTAL</b>	TUNISIA – Page 83
Consulting, survey, planning and management of public and private infrastructures, especially in the hydraulic and sanitary field.		Liquid and Solid separation for Waste Water Treatment	
<b>IDRHO (Groupe IRH Environnement)</b>	FRANCE – Page 69	<b>KHRYSTAL</b>	TUNISIA – Page 84
On-line oxidant solution generator.		Screens, sand filters, classifiers and compactors	
<b>Idrodepurazione</b>	ITALY – Page 70	<b>L'Eau Pure</b>	FRANCE – Page 85
Water and wastewater treatment plants. Air deodorising, organic waste management, energy from biomass.		Water treatment in drinking water, urban waste water and industrial one.	
<b>Idrofond srl</b>	ITALY – Page 71	<b>Latium Vetiver</b>	ITALY – Page 86
Experience in the welding of pipes of any material		Global water treatment systems and pollution management via Vetiver Technology	
<b>Idrorappresentanze sas</b>	ITALY – Page 72	<b>Maghreb Pipe sarl</b>	ALGERIA – Page 87
we find viable alternatives in the use of materials used in water supply and sewage system		Glass Reinforced Fiber Pipes Systems for Water and industrial applications.	
<b>IES EMEA</b>	FRANCE – Page 73	<b>Naples Syndacate for Sewage Depuration</b>	ITALY – Page 88
Technical expertise and assistance in management and strategy for project development in pollution and waste management, wildlands conversion, industrial plants.		Technologies or expertise in muds reuse for energetic purpose	
<b>IMB-CNM (CSIC)</b>	SPAIN – Page 74	<b>National Eau et Environnement</b>	ALGERIA – Page 89
Cleanliness sensor. Control of production processes, hygiene of facilities and final product quality		Wastewater treatment for reuse in irrigation	
<b>IMB-CNM (CSIC)</b>	SPAIN – Page 75	<b>Nke Electronics</b>	FRANCE – Page 90
MULTISENSOR SYSTEMS APPLIED TO WATER QUALITY CONTROL.		Knowledge by using various sensors	
<b>INYPSA Informes y Proyectos S.A</b>	SPAIN – Page 76	<b>Nke Electronics</b>	FRANCE – Page 91
We are very specialized in studies, projects and supervision of desalination plants, wastewater plants, and water supply plants. Also in river engineering, hydro geology, etc.		New sensors for oceanography	
<b>INYPSA Informes y Proyectos S.A</b>	SPAIN – Page 77	<b>OCEANIX S.r.l.</b>	ITALY – Page 92
Consultancy Partners		Marine & Environmental Surveys & Technologies	
		<b>Pôle Mer PACA</b>	FRANCE – Page 93
		Sea Innovation and Business French Cluster.	

<b>Prisma Automation</b>	FRANCE – Page 94	<b>TECNAL SUD IMPIANTI S.R.L.</b>	ITALY – Page 110
Instrumentation - Supervision - Industrial Computing		Efficiency in water treatment	
<b>PROGRESS sarl</b>	ALGERIA – Page 95	<b>University of Aversa Faculty of Engineering</b>	ITALY – Page 111
Geographical Information System in the field of Hydraulic studies and realization.		Use of fibre optics to detect leakage in the water distribution networks	
<b>R.M.I.E.A Sarl</b>	ALGERIA – Page 96	<b>University of Studies of Napoli Chemical Engineering</b>	ITALY – Page 112
Assembly of equipments, assistance and exploitation of water purification platforms in ALGERIA.		Chemical and biotechnological systems for (waste)water treatments	
<b>R.M.I.E.A Sarl</b>	ALGERIA – Page 97	<b>University of Federico II CIRAM</b>	ITALY – Page 113
Water purification platform.		Energy production and recovery in water systems	
<b>RAHAL OTHMANE Promotion</b>	ALGERIA – Page 98	<b>University of Federico II Department of Hydraulics, Geotechnics and Environmental Engineering</b>	ITALY – Page 114
Construction and water treatment systems.		Solid waste recovery for industrial wastewater tret.	
<b>S.I.T.T.E</b>	FRANCE – Page 99	<b>University of Federico II Department of Organic Chemistry and Biochemistry</b>	ITALY – Page 115
Supervision of building site purification plant/treatment of water and installation after study of purification plant by biodisque		Development of sustainable bioprocesses for lingo cellulosic wastes valorisation	
<b>SAUR</b>	FRANCE – Page 101	<b>Université de Tlemcen</b>	ALGERIA – Page 116
Services to Municipalities and Industry for water, engineering, wastewater, coastal waters and leisure services (bathing water).		Desalination of the sea and brackish water - Reverse osmosis technology.	
<b>SAUR</b>	FRANCE – Page 102	<b>Universun</b>	FRANCE – Page 117
Engineering for water and wastewater treatment plants from conception to commissioning, for public authorities and industry.		Solar energy, thermal and photovoltaic	
<b>SEAAL</b>	ALGERIA – Page 103	<b>WATEC Sarl</b>	TUNISIA – Page 118
Water treatment, desalination, pipe corrosion		Equipments and products of water treatment	
<b>SEGOR</b>	TUNISIA – Page 104	<b>WaterTech</b>	TUNISIA – Page 119
Exploitation, treatment, purification of water.		Industrial and Water Treatment Consulting	
<b>SISTEMA AZUD S.A</b>	SPAIN – Page 105	<b>YOKOGAWA</b>	FRANCE – Page 120
MECHANICAL FILTERS TO REMOVE SUSPENDE SOLIDS ON THE WATER. DESALINATION PLANTS, UF PROCESSES, RO PROTECTION.		Instrumentation and Control Systems solutions.	
<b>Société des Eaux de Marseille</b>	FRANCE – Page 106		
Water treatments and solutions for industrial or Water Public Utility companies.			
<b>STAM ENVIRONNEMENT</b>	ALGERIA – Page 107		
Realization of Stations of desalination of average quantity			
<b>STAM ENVIRONNEMENT</b>	ALGERIA – Page 108		
Maritime works and construction of ports			
<b>SYSTEA</b>	ITALY – Page 109		
Instrumentation for water quality monitoring			



**Franco BOTTIGLIONI**  
**President of the Italian Chamber of Commerce for FRANCE of Marseille**

This year we celebrate the 10th anniversary of "Euro-Mediterranean Meetings: the Innovation for an Economic and Sustainable Development in the Mediterranean Area".

This demonstrates the vitality and the power of this event, which was born in Marseille thanks to the willingness and perceptiveness of the Italian Chamber of Commerce for FRANCE of Marseille (CCIFM). It is nowadays acknowledged as one of the most important evenements concerning scientific and economical issues in the Mediterranean area that we must preserve for future generations.

Selecting this topic as the main theme for this year, we wanted to give our contribution to the 2009 celebration of water, by presenting and sharing know-how in the field of water utilisation and recycling in Mediterranean environment.

By recognizing common necessities, by sharing knowhow and technologies, water, this vital and strategic element which is still now at the heart of some of the bloodiest conflicts, could become a constituent of peace.

This is exactly the aim of this meeting: demonstrate that innovation is the way to achieve sustainable development, and that environmental constraints can be a source for profit.

This event is organised by the CCIFM, which coordinates three other institutions involved: CCIMP (Marseille Provence Chamber of Commerce and Industry), CESVITEC (Agency for Technology Promotion and Development for SME of South ITALY), and for the first time CCIB (Barcelona Chamber of Commerce and Industry).

Other important contributions to the realization of this event came from: Pole Mer PACA, EA IMAgE – Professionals of Environment and Sustainable Development, CapEnergies, Med2Europe, EEN (Enterprise Europe Network), Biclazio – Business Innovation Centre, CCIB (Italian Chamber of Commerce of Barcelona), Chamber of Commerce, Industry, Handicrafts and Agriculture of Naples, Cedem.

This event will be held under the aegis of Italian Ministry of Economic Development, Campania Region, Provence-Alpes- Côte d'Azur Region, UbiFRANCE.

This event is in line with the agreement between the PACA Region (Provence, Alps and Cotes d'Azur) and Campania Region and also with the concepts of Barcelona Process, based on the principles of «joint ownership, dialogue and co-operation, seeking to create a Mediterranean region of peace, security and shared prosperity».

I thank every single person that through his/her willing of success has given the possibility to this event to exist.

All the best for your work.



**Jacques PFISTER**  
President of the Marseille Provence Chamber of Commerce and Industry

In the Mediterranean area, water is a rare, fragile resource which is unevenly distributed. The demand for water has doubled in the second half of the 20th century. In many countries, water usage has reached the limit of the available resources. Water shortages are already observed. More than 20 million Mediterranean inhabitants do not have access to drinkable water, particularly in southern and eastern Mediterranean countries. Thus pollution and other damage caused by Man add to the tension about natural water resources as it further limits the possible usage of water. The result is an increase in the vulnerability of the supply, health risks and conflicts between users, big regions, sectors or countries about water usage.

In this context the political world and economic operators have a role to play. The Italian Chamber of Commerce for FRANCE in Marseilles, the Marseilles-Provence Chamber of Commerce, the Naples Chamber of Commerce and the Barcelona Chamber of Commerce have decided to organise the 10th Business Meetings around the thematic of water in order to provide new, innovative solutions for the extraction, use and treatment of water. Indeed the businesses from the north and south Mediterranean have come up with some innovative solutions but they are often isolated. These Business Meetings and the opportunity for these companies to meet other operators in the Mediterranean water sector: ordering parties and future north and south Mediterranean partners.

The Meetings have a double purpose:

- To provide the opportunity to exchange technical, economical and logistical information in the short and medium term or even inter-company collaboration. These are the B to B meetings for Mediterranean companies, i.e.: over 600 business appointments for the participating companies.
- To spur a long term vision of the Mediterranean water sector developed during meetings with experts, associations and businessmen – all professionals in the field of Mediterranean water.

For the Marseilles-Provence Chamber of Commerce the thematic of water and the environment is essential for several reasons:  
Firstly, because Marseilles-Provence will host, in 2012, the 6th World Water Forum. This event is the best means to bring into focus the major challenge that is water and the environment for the Mediterranean zone and its companies. Last October 15th, the CCIMP became a member of the World Water Council at the event of the official announcement of Marseilles as host City. You have, therefore, before you a concerned and committed partner.  
Secondly, because Marseilles-Provence will be European capital of culture in 2013 and we have again put water at the centre of the programme. Projects such as "Sharing Water" and "Water's Journey" are two essential projects which enable us to convey social and civic messages via the media of culture.  
Finally, these Meetings are in perfect coherence with the goals of the Union for the Mediterranean which has water and the environment as its priority.

Indeed, it was the subject, last June, of a UMP ministerial meeting which discussed the fact that the Mediterranean region has one of the biggest increases in urbanisation. However, a large number of Mediterranean countries are found in arid or semi-arid zones and suffer from the scarcity of water. The UMP organised a ministerial conference about water in Jordan in December 2008 which resulted in the definition of the outline for the water strategy and a reverse schedule for its development.

It is important given the high stakes which unite us that our Chambers of Commerce cooperate together and collaborate in order to place water and the environment at the centre of our discussions during these two days.  
I wish you all good and productive Meetings.



**Gaetano COLA**  
Chief Superintendent of CESVITEC

Once again, in the Euro-Mediterranean Business Meetings the attention is focused on Water, a vital good that shows worrying signals of pooring in quality and quantity due to wrong and unsustainable exploitation of natural resources.

Though Water is a worldwide entity, it is still treated as a regional issue: there is no global market and very little international exchange. The correct management of Water becomes of fundamental importance for all the Mediterranean Countries, especially for those of the south bank, and involves applying knowledge from various disciplines as well as the insights from different stakeholders to devise and implement efficient, equitable and sustainable solutions. That's why this year, in Barcelona, thanks to conferences, B2B meetings, debates and round tables, delegates will be involved in several discussions about "Sewage and water treatment", "Desalination", "Captation and distribution", "Water management in the Coastal area", "Water serving new energies".

Water management, infact, requires an integrated and interdisciplinary approach, involving hydrological, biophysical, chemical, economic, institutional, legal, policy-making and planning aspects: Water's many different uses — for agriculture, industry, healthy ecosystems, people and livelihoods — demands coordinated action. This is a hard challenge, but... with Innovation comes inspiration!

CESVITEC - in accordance with its programmes and policies focused to the economical development of local territory, entrepreneurial competitiveness and its internationalization - with its presence and contribution in organizing Euro-Mediterranean Business Meetings aims to facilitate the diffusion of the Innovation through the connection among Universities, Research Centres and Enterprises, above all SMEs' that represent the basis of Southern ITALY entrepreneurial System.

Even this year, the catalogue prepared for participants represents an useful tool that offers news, details, updating on experiences that consider Innovation as the element of primary importance for sustainable economic development in the Mediterranean. But that's just the first drop...



**Miguel VALLS I MASEDA**  
**President of Barcelona Chamber of Commerce**

Showing the most innovative water technologies and services in the Mediterranean region, the Barcelona Chamber of Commerce will have the pleasure to host the first Euromed Business Meetings in the city of Barcelona on Oct. 29 & 30, 2009.

Catalonia is treating water efficiency as a priority, having a big variety and one of the largest areas of expertise in specific fields of water. Today there are about 500 companies working in the water sector in Catalonia. Every year, this sector is increasing its role in the economy, giving jobs for a 1% of Barcelona area and representing a 10% of total Catalan exports.

In the last decade, the Water sector has become a key issue for the regional economy and society. The different actors in the sector have become conscious of the key sustainability issues and have worked together to advance in the R&D, economic and social fields. Taking into account the threats we are facing nowadays, the Barcelona Chamber of Commerce has taken the management of this forum that will bring together the Catalan and Euro Mediterranean companies to provide:

- A frame to foster partnerships, alliances & other types of cooperation among European and Mediterranean companies.
- A forum for greater understanding of water challenges and innovative approaches from several regional perspectives.

Euromed will conclude the range of promotional activities in the environment sector that the Chamber of Commerce is covering every year to help companies to open to international markets. In 2009 the Chamber will have given services to help companies going countries like China, Poland or Israel.

The Barcelona Chamber of Commerce is sure that Euromed will create an opportunity for Mediterranean companies in the water field to partner with Catalan companies to bring their technologies to compete internationally.

## COMPANY PROFILE

### ITALY

### A & DAY S.R.L.

**Sectors:**

A&day is a dynamic and versatile organization which pays great attention to the needs of the market . This, together with an innovative vision, the experience gained through research activities, as well as through the organization of the information systems and data management and in software engineering methodologies, gives us the opportunity to use our skills and reliability in particularly complex project management, and distinguish ourselves by quality and rapidity in producing applications or solutions.

**Technology keywords:**

Support technologies: Environmental Engineering /Technology, Analyses/test facilities and methods;  
Market keyword: water treatment, equipment and waste disposal systems, water/ sewerage chemical and solid waste, treatment plants

### OFFER: TECHNOLOGY /INNOVATION

**Title:**

ADaMo an innovative, easy.. effective software, to organize, manage and maintain the plant.

**Detailed description:**

ADaMo is: a CMMS in which the asset can be rappresented also in 2D and 3D graphics, it allows define the tasks applicable to each element and schedule them also in a maintenance work plan, identifying: materials, time efforts, costs, resources and technical requirements. Features: customization without particular programming actions; the capability to define item types with all their related informations and the position inside to structure, possibility to execute complex query, export their results, manipulate data and reintegrate them automatically It works fine with the most popular DBMS as well as external identification devices or custom applications. Suit for: public and private agencies of different areas such as in water treatment plant, civil infrastructures and complex plant managements

**Collaboration Details:**

Commercial Agreement

**Type of partner sought:**

The framework ADaMo can be proposed in all areas of application where need a tool for organize, manage and monitoring activities in general or for maintenance aims. We looking for a distributor partners, whose main clients are involved into: - design and manage of network plants; - water, sewage, chemical and solid treatment plants management; - manage of water treatment equipment or waste disposal systems.

**FRANCE****ACE - Agence Commerciale Export**

**Sectors:** Water filtration products for domestic use : pitchers, faucet mont, kitchen under the sink, whole house system.

**Technology keywords:** Market keywords: Water treatment equipment and waste disposal systems

**OFFER: TECHNOLOGY /INNOVATION**

**Title:** Exclusive distributors for Water filtration products for domestic use.

**Detailed description:** Products include new technologies that improves performance of the filter in removing heavy metals and has built-in antimicrobial protection. The product have to give substantial performance benefits and significant cost per liters for savings to consumers. A full line of pour through and end of tap products - under sink products on line. Globally with recognized name brand that consumers trust.

**Collaboration Details:** Commercial Agreement

**Type of partner sought:** Alternative distributors to Whirlpool, GE, Brita, Culligan or Pur with better margins.

**ITALY****ADAG research Group -**

**Sectors:** Renewable energy During the last years the exploitation of the tidal currents with hydro turbines has received a considerable attention in the whole world. The improvement of turbine-s efficiency has indicated their economical convenience. The ADAG group since 1998 leads experimental and numerical studies on horizontal and vertical axis hydro turbines through wind-tunnel and water tank tests. The group has been involved into the design, construction and tests of a novel patented vertical axis hydro turbine, KOBOLD, built and tested at full scale. Currently, ADAG is designing a new vertical axis tidal current turbine, MYTHOS. The group has also designed and tested in the water tank a small-scale prototype of horizontal axis turbine for the project GEM, the ocean kite device to harness marine current energy. Aim of these turbines is the demonstration that this is a convenient way to produce clean energy if compared with other renewable energy sources. Another project dev eloped in cooperation with FRIEL SEA POWER S.p.A. is the design of a 500 kW prototype of a horizontal-axis turbines system. Numerous tests have been carried out on the model, both in the naval towing tank of the University of Naples and in real conditions in the strait of Messina.

**Technology keywords:** Unconventional and alternative energy

**OFFER: TECHNOLOGY /INNOVATION**

**Title:** Development of horizontal and vertical axis hydro turbines for marine and river current energy exploitation.

**Detailed description:** KOBOLD: a vertical axis hydro turbine designed to exploit tidal currents. It has a diameter of 6 m and blades are 5 m long. The turbine, mounted on a floating platform, is characterized by automatically variable pitch blades and non-symmetrical airfoil. A prototype, able to produce 160 kW with a current speed of 7 kts, has been developed in collaboration with Ponte di Archimede Spa and is installed in the strait of Messina.

MYTHOS: a vertical axis turbine developed with the aim to have the following characteristics: -a good efficiency, close to the Darrieus- one; -a great starting torque that allows the autonomous starting of the turbine; -a strong structure, proper to marine use; -a good modularity of the parts, in order to easily change the configuration; -a non complex structure, easy to realize and at cheap costs. The innovation in technology of this invention is in the new idea of connection between the edged blades and the rotor. In Mythos turbine the arms have a double function: to connect the blades with the rotor and to generate torque; in this case they are lifting arms. The configuration can be chosen in the construction phase according with the environment conditions.

GEM: a horizontal axis turbines system designed to exploit tidal currents. The system consists of a main floating body and two turbines (150 kW each turbine) with a total power of 300 kW. Each turbine has three blades and a diameter rotor of 5 m. The system is placed at 15-20 m below the sea surface. The model has been tested in the naval towing tank of University "Federico II".

SEAPOWER PROJECT: a horizontal-axis turbines system consisting of a floating hull, anchored to the seabed, and of submerged shafts named "lines". On each line 5 horizontal-axis turbines are mounted. The underwater shafts are connected to the hull and transfer the mechanical power to be converted into electrical power. See [www.fri-el.it/seapower](http://www.fri-el.it/seapower) [www.eolpowe r.com](http://www.eolpowe r.com) [www.dias.unina.it/adag](http://www.dias.unina.it/adag)

**Collaboration Details:** Manufacturing Agreement, License Agreement, Financial Resources, Technical Co-operation, Joint Venture Agreement

**Type of partner sought:** Marine current energy exploitation - Investors

**ITALY**

**Advanced Technological Engineering Servi**

**Sectors:** Electronic Measuring Instrumentation and Environmental Control The enterprise is active in the sectors of electronic and electrical design, electronic measurement instrumentation and environmental monitoring and control. It is a spin off company of Second University of Naples, inside Faculty of Engineering. This has got three departments: Aerospace-Mechanical, Civil and Information and the Interdepartmental Center for Research about Environmental Engineering.

**Technology keywords:** Support technologies: Sensor technology related to measurements, Environmental Engineering / Technology

Market keywords: Water, sewerage, chemical and solid waste treatment plants

**OFFER: TECHNOLOGY /INNOVATION**

**Title:** Innovative mobile measurement station for evaluation of water quality

**Detailed description:** Sustainable development Nowadays, the problem of guaranteeing suitable quality of water in distribution and treatment is of primal concern. Therefore the use of automatic and mobile measurement station may bring large benefits to the world community. Several devices for measurement of water quality exist on the market; anyway most of them are characterized by very low repeatability and long response time. Such a measurement station, instead, is innovative from different point of views. In fact, it integrates several devices for measurement of biological, chemical and physical properties of water, especially pollutants. In addition, it adopts new kinds of sensors with lower response time. Moreover, it can be employed in assuring efficiency of plants for water treatment.

**Collaboration Details:** License Agreement, Research Cooperation

**Type of partner sought:** The target market for the product offered is substantial, we consider managers currently operating in relation to the service of water. The proposed product involves the manufacturers in the sectors of biotechnology, chemistry and electronic devices and instrumentation.

**ALGERIA**

**AFAK CONTROL CENTER**

**Sectors:** Services quality control of water and environment, - training, - consulting and engineering

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants

Support technologies: Environmental Engineering / Technology, Analyses/test facilities and methods

**REQUEST: TECHNOLOGY /INNOVATION**

**Title:** Quality control of water and environment

**Detailed description:** Our company is specialised in quality control of water and environment, training, consulting and engineering. According to the request of the Ministry of Water and Environment, we are looking for partners in order to collaborate in the analysis and control of water quality. Our collaboration will lead on some kind of specific analyses that can't be done in ALGERIA. We are also looking for innovative last generation technologies in the field of water reuse.

**Collaboration Details:** Commercial Agreement, Technical Co-operation, Joint Venture Agreement

**Type of partner sought:** we are looking for producer, resellers and research center.

## COMPANY PROFILE

### ALGERIA

#### AKEB sarl

**Sectors:** Equipments and hydraulic materials, public works et constructions. - Supply and installation of water pumps for drinking water and used water. - Public Works, water platforms; - building construction.

**Technology keywords:** Water Treatment: Groundwater,

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants

### REQUEST: TECHNOLOGY /INNOVATION

**Title:** Hydraulic Equipments, Public works for water treatment plants.

**Detailed description:** We are looking for suppliers in hydraulic equipments water pumps, material of water treatment in the urban housing environment, new technology in the field of water exploitation and treatment in urban housing environment.

**Collaboration Details:** Commercial Agreement, Financial Resources, Technical Co-operation

**Type of partner sought:** We are looking for suppliers in the field of water treatment plants. We are interested in buying innovative materials for constructions and shell.

## COMPANY PROFILE

### ALGERIA

#### ALG-CAR AGREAUX

**Sectors:** Plastic Industry. Tube in polyethylene high density and low density. Geomembrane (PEHD Sheet of 2.5 meter).

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Filtration and Membrane Processes;

Market keywords: Water treatment equipment and waste disposal systems, Horticulture, Agriculture technology (irrigation),

Support technologies: Filtration and Membrane Processes

### REQUEST: TECHNOLOGY /INNOVATION

**Title:** Equipments to produce pipe connection PEHD and geomembrane. Suppliers of pipes PEHD and PELD (high and low density)

**Detailed description:** In order to enlarge our company, we are looking for suppliers of equipments and engineering services in the field of plastic linked to water as follows: - production of connector in PEHD; - production of geomembrane of a dimension of 7meters . We are also looking for Commercial partners specialised in the production of pipe for drinkable water and irrigation.

**Collaboration Details:** License Agreement, Technical Co-operation, Research Cooperation

**Type of partner sought:** We are looking for producers, suppliers and companies which can provide modern and innovative technologies in this sector.

## COMPANY PROFILE

### ALGERIA

#### ALGERIAN Trading Equipment

**Sectors:** Water industry. Water pollution treatment, chemicals products, water treatment equipments in swimming pool

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants

### REQUEST: TECHNOLOGY /INNOVATION

**Title:** Wastewater treatment for reuse in irrigation

**Detailed description:** We are looking for: - latest technology in the field of water pollution treatment; - equipment, process and chemical products in the field of water treatment of swimming pool.

**Collaboration Details:** Technical cooperation, joint venture agreement and commercial agreement.

**Type of partner sought:** We are looking for company producing modern technologies in the field of water pollution treatment

## COMPANY PROFILE

### ITALY

#### AquaClara di D'Angelo Giorgio

**Sectors:** Water treatment and new energies. Indoor swimming-pool, bath, swimming bath; olympic-size swimming pool; the purification of the water supply; current maintenance; preventive maintenance; planned/scheduled maintenance.

**Technology keywords:** Support technologies: Filtration and Membrane Processes, Sensor technology related to measurements, Chemical material testing, Analyses/test facilities and methods

Water Treatment: Reused water, Groundwater, Measurement and Detection of pollution, Water Pollution / Treatment, Saline intrusion, Recycled wastewater

Water and new energies: Unconventional and alternative energy,

Market keywords: Water treatment equipment and waste disposal systems, Natural disasters

### OFFER: TECHNOLOGY /INNOVATION

**Title:** our company specializes in Water treatment design.

**Detailed description:** My area of experience start of Water treatment civil and industrial up to energy's recovery of the by-products of the extractive process. In addition, project end realize indoor swimming-pool, bath, swimming bath; olympic-size swimming pool, thermal central end installation the solar collector.

**Collaboration Details:** Technical Co-operation, Research Cooperation

**Type of partner sought:** Companies working in the field of Water treatment and new energies

**FRANCE****Aqua Filtre SAS**

**Sectors:** Water treatment

**Technology keywords:** Market keywords: Water treatment equipment and waste disposal systems, Support technologies: filtration and membrane processes

**OFFER: TECHNOLOGY /INNOVATION**

**Title:** New product for water filtration for domestic or industrial applications

**Detailed description:** The company produces filtration materials: - Cartridge filtration - UV sterilizer for anti bacterial water treatment - Domestic or industrial water softener - Osmosor for salted water treatment - Advices and studies for water treatment.

**Collaboration Details:** Commercial Agreement

**Type of partner sought:** Foreign distributors

**ITALY****ARIESPACE srl**

**Sectors:** Ariespace is a small value-adding company. The primary focus is the development of Earth Observation (EO) based customized products and services for natural resources monitoring from space (water use and agriculture [90%] and land [10%]). The target market is referred to different sectors according to the maturity stage of the products and services: for more than 45% Ariespace target market refers to customized Irrigation Advisory Services. For the 15% the market refers to advanced products according to clients needs. For another 40% the market refers to National, European Research projects in which the company invests to improve the maturity stage of the current products and to test new methods and technologies.

**Technology keywords:** Water Treatment: Measurement and Detection of pollution, Unconventional and alternative energy,

Market keywords: Natural disasters, Agriculture technology (irrigation)

Support technologies: Environmental Engineering / Technology, Sensor technology related to measurements

**OFFER: TECHNOLOGY /INNOVATION**

**Title:** Based on Earth Observation technologies, Ariespace provides innovative solutions for natural resources management from space

**Detailed description:** Ariespace aims at developing and implementing novel technologies and support tools for land and water management, environmental monitoring and land planning by integrating traditional techniques with remote sensed data from satellite. Collaborations and synergies with the University of Naples -Federico II- within R&D fields, allow Ariespace to acquire strong expertise in remote sensing applications and environmental monitoring, in the agronomy and forestry field, in soil hydrology, geology and space engineering. Ariespace develops and produces support information systems by using land surveys and measurements, Earth Observation satellite data analysis and thematic maps. Those products give a fundamental support for a better knowledge, planning and management of land resources. For example, Satellite Irrigation Advisory Services provides to the farmers, water managers and governative boards information on crop water needs at different spatial scales. By means of a careful choice of the irrigation application and scheduling, it is also possible to reduce the farm running and investment costs deriving from irrigation.

**Collaboration Details:** Commercial Agreement, Technical Co-operation, Joint Venture Agreement, Research Cooperation

**Type of partner sought:** Ariespace is looking for partnerships with Earth Observation data providers. On the one hand, Ariespace offers its competences in R&D to develop new advanced EO products and services. On the other hand, we are looking for a reliable data provider to have access to a wide range of high resolution, multispectral optical satellite data, giving us the possibility of real time delivery of our high level products. Ariespace is looking for other value-adding companies with strong focus and experience in complementary research and application fields to develop new market services. Ariespace is offering its competences in Remote Sensing to other companies that would benefit of the use of EO data. Ariespace is looking for investors for a better exploiting of new ideas, to improve and develop new operative products in relevant field of natural resource monitoring. Ariespace is available to participate in research related projects at international level.

## COMPANY PROFILE

### SPAIN

#### ARTENGINY S.L

**Sectors:** Project management in civil engineering and public works, construction management, technical assistance in construction.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Saline intrusion, Reused water, Environmental Engineering / Technology;

Water and new energies: Energy management,

Support technologies: Environmental Engineering / Technology

### OFFER: KNOW HOW

**Title:** AEGROUP - CIVIL ENGINEERING

**Detailed description:** AEGROUP centres its activity on rolling out civil engineering projects and services and on building infrastructures. The company is involved in nearly all fields related to this activity.

**Collaboration Details:** Technical cooperation, comercial agreement

## COMPANY PROFILE

### ALGERIA

#### AZIZ SARL

**Sectors:** Hydraulic works, Waste water treatment, BTPH, Engineering and studies.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Saline intrusion, Recycled wastewater

Water and new energies: Energy management, Unconventional and alternative energy, Hydro power.

Market keywords: Water treatment equipment and waste disposal systems.

### REQUEST: TECHNOLOGY /INNOVATION

**Title:** Process and technology in supply and treatment of drinkable and waste water

**Detailed description:** We are looking for technical know how, equipments, materials and accessories in supply and treatment of drinkable and waste water

**Collaboration Details:** Technical cooperation, commercial agreement

**Type of partner sought:** Suppliers and producers of innovative materials in the field of water treatment.

## COMPANY PROFILE

### FRANCE

#### Barthod Pompes

**Sectors:** Since 1929 the French SME has provided expertise in high-pressure hydraulic engineering in numerous sectors: - Food manufacture - Paper - Chemicals - Offshore - Transport etc As well as a wide range of high-pressure pumps and accessories, BARTHOD POMPEs designs and manufactures high-pressure cleaners to your specifications

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants

### OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:** Plunger piston pumps.

**Detailed description:** The company develops Plunger piston pumps. Technical specification : - Pressure: 1 to 1500 bar(21000PSI) special execution until 7000 bar (98000 PSI) - Flow: 1 to 3750l/min(1000 us gal) - Types of materials: cast iron, bronze, steel and cast iron nickel plated, steel, stainless steel Control and and protection equipments High pressure valve and quick coupling Motodecap:cleaning rotaring heads, electrical or pneumatic, for pressure 1 to 850 bars.flow : up to 25 cub. m/hr Markets developed : FRANCE and worldwide Applications : for waste water treatment and cleaning of road and rail tankers, small containers, tanks Advantages : easier to install, easier for maintenance.

**Collaboration Details:** Commercial Agreement, Others (end uzers, customers, distributors, agents).

**Type of partner sought:** Agent or distributor which know market waste water treatment.

## COMPANY PROFILE

### ALGERIA

#### Bekhdadi

**Sectors:** Electricity and hydraulics in the exploitation(operation) of the drinking water and the civil engineering.

**Technology keywords:** Water Treatment: Reused water, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems.

### REQUEST: TECHNOLOGY /INNOVATION

**Title:** Hydraulic systems, electrical equipments and automatism

**Detailed description:** Our company has for main activity the realization of projects of electric regulation and automatisms of hydraulic systems in the drinkable water supply in zone of urban housing environment.

**Collaboration Details:** Commercial Agreement, Technical cooperation

**Type of partner sought:** Suppliers of electrical equipments and automatisms and hydraulic systems for The drinkable water supply

## COMPANY PROFILE

### SPAIN

### BIOTRIT

**Sectors:** ENGLISH BIOTRIT S.A. offers compact waste water treatment solutions based under the principle of total oxidation at low charge using SBR (Sequential Batch Reactor) technology.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants

### OFFER: TECHNOLOGY /INNOVATION

**Title:** BIOTRIT S.A. offers compact waste water treatment solutions.

**Detailed description:** Our technology and experience of over 30 years, allows us to offer the optimum solution to any problem of water contamination and reuse of treated waste water. BIOTRIT technology is the successful result of more than 3 decades of intensive research and development. The technology is implemented in WWTPs worldwide. Examples of past projects: - WWTP in Alguaire airport (Lleida, SPAIN). 1000 eq.inhab + Tertiary treatment - WWTP in Balsicas town (Murcia, SPAIN). 12.000 eq.inhab. + tertiary treatment - WWTP in Vista del Rey Resort (Málaga, SPAIN). 3.000 + 600 eq.inhab. Technology & products: Sewage compact SBR plants, sewage compact PCN plants (with nutrient removal), sewage compact MBR plants. Objectives/target companies: Municipalities, Distributors, engineering, small building industry. Various industries such as Food & Beverage; Oil & Energy.

**Collaboration Details:** Manufacturing Agreement, License Agreement, Commercial Agreement, Technical Co-operation

**Type of partner sought:** Small and medium Wastewater Treatment Company interested in incorporating our products into his catalogue

## COMPANY PROFILE

### FRANCE

### BRL Ingenierie

**Sectors:** BRLi ranks among the leading French consultants in the hydraulic sector and our references include projects in more than 40 countries all over the world.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater,

Market keywords: Water treatment equipment and waste disposal systems, Agriculture technology (irrigation)

Support technologies: Environmental Engineering / Technology

### OFFER: TECHNOLOGY /INNOVATION

**Title:** Consulting in Water engineering and Environment / Land development.

**Detailed description:** BRLi engineering and consultancy activities consist of two main sectors: - Water engineering (Water management. Drinking water supply and sanitation. Mobilisation and protection of water resource. Irrigation projects) - Land development (Environmental protection - Rural areas and forestry. Development of river basins - Agriculture - Parks and gardens). BRLi is a subsidiary of BRL Established in 1955 with its head Office in NIMES, FRANCE. BRL (Compagnie Nationale d'Aménagement de la Région du Bas-Rhône et du Languedoc) is a Regional Development Company. The initial mission of BRL was to promote the economic development of the Languedoc-Roussillon region (south of FRANCE) by contributing to the design and implementation of the main hydraulic infrastructures (5000 km of buried pipes, 10 sewerage treatment plants, 100 pumping stations, 8 dams). BRL manages a 130,000 ha irrigated area, distributes 130 millions m3 of agricultural and urban water. BRL is also operating, under the concession agreement, urban water supply and sanitation systems in half a dozen of small cities in South FRANCE. As a result, BRLi is experienced in both engineering and operations of water supply and sanitation infrastructures.

**Collaboration Details:** Technical Co-operation

**Type of partner sought:** Consulting Engineers company in the field of Water and Environment

**FRANCE**

**CALCEL RESINES**

**Sectors:** Sewerage and road repair. Our society developed the CALCEL technology for the anchoring of road emergencies (manhole cover, trapdoor like Telecom, surface box unit, and gully gratings) since about fifteen years.

**Technology keywords:** Water Treatment: reused water, groundwater  
Market keywords: water, sewerage, chemical and solid waste treatment plants

**OFFER: TECHNOLOGY /INNOVATION**

**Title:** World Leader in anchoring manhole cover

**Detailed description:** 1.Sewerage and road repair 2.CALCEL ROAD is used in any season (negative temperature, rain, snow, very resistant to freezing, abrasion, salting-) on support concrete and even wet. It allows THE IMMEDIATE OPENING TRAFIC. 4.Our peculiarity is the immediate opening in the traffic and the big perpetuity of our products (guaranteed 5 years by AXA).

**Collaboration Details:** License Agreement, Commercial Agreement

**Type of partner sought:** Water and sewerage companies, manufacturer or distributors of manhole cover, municipality or conglomeration of big dimensions.

**FRANCE**

**CARBOFIL FRANCE**

**Sectors:** Local authorities (fat treatment in urban wastewater treatment plants) Agriculture (liquid manure treatment) Industry (wastewater treatment). The French company brings innovating solutions to the biological treatment of fat, industrial wastewater, sludge or liquid manure. Our technology based on a very strong oxygenation and intense mixing allows a quasi-total biological breakdown of fats or biodegradable compounds while controlling the foaming phenomena related to the product. The aeration and the mixing by a CARBOFIL® digester makes it possible to treat without odours. Our apparatus is very compact, simple and robust. It makes it possible to divide by 3 or 4 aeration costs.

**Technology keywords:** Water treatment: water pollution/ treatment

Market keywords: water sewerage chemical and solid waste treatment plants, water treatment equipment and waste disposal systems

**OFFER: TECHNOLOGY /INNOVATION**

**Title:** Carbofil®, compact aerobic system for fat, liquid manure and industrial wastewater treatment

**Detailed description:** Design of wastewater treatment plants and sale of Carbofil® process which is a biological reactor for aerobic treatment of fat, liquid manure and industrial wastewater

**Collaboration Details:** Commercial Agreement

**Type of partner sought:** Companies interested in godos related to industrial wastewater.

**ALGERIA****Sectors:**

Hydric and Atmospheric Pollution, Water Analysis

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Groundwater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Natural disasters.

Water and new energies: Unconventional and alternative energy.

Support technologies: Analyses/test facilities and methods.

**REQUEST: TECHNOLOGY /INNOVATION****Title:**

Platform for Production of Calcium Hypochlorite.

**Detailed description:**

We are looking for experts in assembling, assistance and activation of a unit of Production of Calcium Hypochlorite and products deriving from it. The partners we are looking for should be companies of engineering and assistance, or companies specialised in the production of this kind of elements. Partners should be expert in the process of production.

**Collaboration Details:**

Technical cooperation, Financial Resources

**Type of partner sought:**

Research cooperation. Partner for cooperation in production of water treatment goods.

**ALGERIA****Sectors:**

Chlorine blocks

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Groundwater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Natural disasters.

Water and new energies: Unconventional and alternative energy.

Support technologies: Analyses/test facilities and methods.

**OFFER: TECHNOLOGY /INNOVATION****Title:**

Chlorine Blocks

**Detailed description:**

We propose to sell Chlorine blocks of rapid and slow dissolution, that can be used to disinfect drinking water for human use (disinfection of well water, underground basin). We are looking for a commercial partner to sell our products in Maghreb Countries and French speaking african countries.

**Collaboration Details:**

Commercial agreement.

**Type of partner sought:**

Retailers for chlorine blocks.

## COMPANY PROFILE

### SPAIN

### CEASA

**Sectors:**

Our company manufactures equipment for drinking/process water applications:  
- Reverse osmosis units for brackish water and sea water. From 1 to 500 m3/day. - Ultraviolet water disinfection units. From 0,5 to 200 m3/h. - Water softeners - Nitrate removal units - Demineralisation and remineralisation units - Activated carbon filters - Iron removal units - Filters, cartridge containers and filter cartridges.

**Technology keywords:**

Water Treatment: Water Pollution / Treatment.

Market keywords: Water treatment equipment and waste disposal systems.

Support technologies: Filtration and Membrane Processes.

### OFFER: TECHNOLOGY /INNOVATION

**Title:**

Manufacturer of water treatment equipment for drinking/process water applications

**Detailed description:**

We are looking for a water treatment equipment importer.

**Collaboration Details:**

Commercial Agreement

**Type of partner sought:**

Distributors.

## COMPANY PROFILE

### FRANCE

### CENOTE Sarl

**Sectors:**

Consulting in geology and hydrogeology Expertise in geology and hydrogeology of karstified limestones. Applications : Studies for long life infrastructures, studies and guides of prospection for exploitation and gestion of resources of the karst (water and ores), studies of risks.

**Technology keywords:**

Water treatment: Reused water, Saline intrusion, Groundwater

### OFFER: TECHNOLOGY / INNOVATION

**Title:**

Innovative and multidisciplinary approach in karst water resource prospection, exploitation and management

**Detailed description:**

We are specialists in geology and hydrogeology of karst and superficial and weathered layers. Our main advantage is to be able to use innovative and multidisciplinary approach (geomorphology, paleogeography, underground data collection, etc.) to get knowledge about geometry and behaviour of karst groundwater reservoirs

**Collaboration Details:**

Research Cooperation, Others

**Type of partner sought:**

Groundwater and coastal groundwater prospection, exploitation and management

**ITALY****Centro ISIDE S.r.l.****Sectors:**

Centro Iside acquires and manages territorial and structural data. The access policy of Centro Iside is finalised to enable end users to friendly access to data bases, participate to seminars, and get publications, regarding both data elaborations procedures and statistical correlations models among selected physical quantities. Centro Iside, with the collaboration of Universities and public and private research Centers offers high added value services to the costumers concerning decision support on different environmental and structural safety problems. The sectors of specific interest of the Centro Iside are: the hydro-geological risk, the flooding risk and the evaluation of structural safety of big dams Centro ISIDE is highly specialized company, with main targets: - allocation of innovative services either for public or private organizations and companies operating in environmental field (dams, landslide, water quality and quantity monitoring, GIS, etc.); - f development of research and training activities about specialist themes; - creation of technologies (HW and SW) and instrumentations to realize a rational management of territory and environment.

**Technology keywords:**

Water Treatment: Reused water, Recycled wastewater, Groundwater, Measurement and Detection of pollution.  
Market keywords: Water treatment equipment and waste disposal systems, Natural disasters.  
Water and new energies: Hydro power.  
Support technologies: Environmental Engineering / Technology, Analyses/test facilities and methods, Sensor technology related to measurements.

**OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW****Title:**

Integrated and flexible solutions for real time environmental monitoring and web services

**Detailed description:**

Centro Iside is a consulting and service company operating in the field of: - civil engineering with particular expertise in the monitoring of foundations and structures of significant size (dams); - communication network to acquire real time data from peripheral monitored sites and Internet services; - data processing from high precision topographic survey instruments (i.e. total stations, differential GPS devices); - applications with specialised software (GIS, S.C.A.D.A., D.S.S.) - data processing concerning land uses, hydrological and hydraulic phenomena on watershed, databases of historical data monitoring series regarding dams, floods events and landslides.

Centro Iside experts are specialised in the design, development, installation, and data management of monitoring systems for soil, sub-soil, waterbeds, foundations, tunnels and large structures such as dams, ports, bridges, roads, railways, power stations, pipelines, sanitary landfills, buildings of relevant importance, monuments, etc. Centro Iside offers integrated and flexible solutions, being a global company which melds all the required competences: architectures realization of real time monitoring systems, processes, products, services, training, monitoring, assistance and up-dating. The company has already realized a wide range of advanced, low cost and easy-to-be-used M2M wireless solutions, for many Public/Private institutions: water treatment, energy, environment, utilities.

**Collaboration Details:****Type of partner sought:**

Technical Co-operation, Joint Venture Agreement, Research Cooperation  
- Producers and users of instruments for the monitoring of pollution;  
- Public/Private institutions, Local Authorities in charge of control of pollution, water management and risk prevent.

**Specific area of activity of the partner:**

Water quality and quantity stakeholders - Monitoring designers and producers.

**Task to be performed by the partner sought:**

Sensor, datalogger and electronics design for target applications. - ICT technology know-how. - Software development for the interpretation of data (GIS and Decision Support System)

**ALGERIA****CHEKROUN FARID PROMOTION****Sectors:**

We are expert in the sector of building promotion and construction, but a branch of our company is related to water treatment: we manage hydraulic works, maritime works, engineering and desalination. We are a multidisciplinary company.

**Technology keywords:**

Water Treatment: Saline intrusion, Groundwater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

Support technologies: Environmental Engineering / Technology.

**REQUEST: TECHNOLOGY / INNOVATION****Title:**

Hydraulics, maritims, desalination.

**Detailed description:**

We envisage innovating and modernizing our range of products, in the field of hydraulics, maritims, engineering and desalination.

**Collaboration Details:**

Commercial Agreement, Technical Co-operation, Joint Venture Agreement

**Type of partner sought:**

Suppliers, producer, vanguard companies in this sector.

## COMPANY PROFILE

### ITALY

### CIRAM

**Sectors:**

The C.I.R.A.M. (Interdepartmental Research Center Environment) has been established in accordance with the Italian law (art.89 of the D.P.R. 382/80 with D.R. n°9663 of 31/08/1992 with effect from 1st September of the same year). Objectives: the coordination of multidisciplinary research on environmental issues; scientific audit for local companies for a better territory management; organisation of scientific meetings to discuss concrete sustainable development proposals; spread of technological and scientific information in schools in order to promote among the citizens environmental awareness.

**Technology keywords:**

Water and new energies: Energy management, Hydro power, Unconventional and alternative energy.

Support technologies: Environmental Engineering / Technology.

## OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:**

Energy production and recovery in water systems (WATERGY)

**Detailed description:**

The application of reaction turbines or Pumps operating As Turbines (PATs) in water supply and distribution systems - instead of controlling hydraulic grade lines through pressure reducing valves - appears as an alternative and sustainable solution to either control network pressure as well to produce energy. WATERGY is therefore addressed to the development of renewable energy by means of electrical production from excess pressure in water systems, with no pollutant emissions and environmental impact. Even if the energy production of the single turbine or PAT device can be quite small, an extensive use of these systems could assure altogether a considerable potential power. Furthermore pressure reduction will allow, in addition to -in situ- energy production, a reduction of water leakages too and therefore a supplementary energy recovery in consequence of water volumes pumping decrease (-watergy- effectiveness).

**Collaboration Details:**

Technical Co-operation, Research Cooperation

**Type of partner sought:**

Water supply and distribution systems. Private or public water management companies.

## COMPANY PROFILE

### ITALY

### COMUNE DI SAN GIORGIO A CREMANO

**Sectors:**

The city of San Giorgio a Cremano in a local authority and join to ATO 3 Campania (an assembly of public local authority for joint management of water resources).

**Technology keywords:**

Water and new energies: Unconventional and alternative energy, Energy management.

Market keywords: Water, sewerage, chemical and solid waste treatment plants.

## REQUEST: TECHNOLOGY/INNOVATION

**Title:**

FROM THE WATER, THE LIFE

**Detailed description:**

We are looking for expertise in new energy in the service of water. We think that the purification of the waters is fundamental to defend the ecosystem. For these motives we want to know the best technologies for the purification and the treatment of the waters. Our objective is the reduction of the costs related to the purification and the use of alternative energies.

**Collaboration Details:**

Others – We are looking for expertise in new energy in the service of water.

**Type of partner sought:**

We want to know the best technologies for the purification and the treatment of the waters. We are looking for expertise in new energy in the service of water.

**ITALY****CRIACQ****Sectors:**

The main mission are research, development and the scientific support for hydro biological resources management, for aquaculture and for aquatic environment monitoring through eco-compatible and eco-sustainable approach. The keys to success of our organization are: use of network synergy, multidisciplinary knowledges and capabilities, flexible bureaucratic administrative management and rapid decision makers. The main advantages of our technologies and products are: high efficiency and accuracy; good ratio cost/quality.

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants, Agriculture technology (irrigation).

Water and new energies: Liquid biomass.

Support technologies: Environmental Engineering / Technology, Analyses/test facilities and methods, Chemical material testing.

**OFFER : TECHNOLOGY / INNOVATION AND KNOW HOW****Title:**

Biological and agronomic researchs related to aquatic environment

**Detailed description:**

We provide know how transfer and services of sustainable and eco-compatible based technologies in the following fields: a) Production of many aquatic organisms to be used as animal models (whole animal, gametes, embryos, larvae, tissues, organs, enzymes or metabolites), for ecotoxicological tests, for aquaculture and for biological studies; b) Plankton (phyto and zooplankton) production improvement in order to better understand their physiology and the possibility of cultivation in different geographical areas; c) Recirculating water systems; d) Floating and submarine cages with variable deep; e) Biomass production; f) Expertise in photo-bioreactors design and management; g) Wastewater treatment and reuse; h) Cryopreservation of aquatic gametes and embryos for different applications like genetic improvement in aquaculture, cryo-ecotox tests, biodiversity safeguard programs. Computerized sperm motility analysis service; i) Risk assessment of freshwater, seawater and sediment quality with multiprobe bioassays tests; l) Toxicity evaluation of chemicals and drugs; m) Aquatic organisms welfare assessment (morphometric, molecular and biochemical approach) - Confocal microscopy analysis service (eg. apoptosis); n) Innovative and alternative fish larviculture diets.

**Collaboration Details:**

Technical Co-operation, Research Cooperation

**Type of partner sought:**

We are looking for small and medium enterprises that need our R&D services.

**SPAIN****DOPEC S.L****Sectors:**

Dopec is a Civil Engineering and Architecture Consulting Firm expert in the design and construction supervision of the complete water management cycle with offices in Barcelona, Madrid, Lleida, Girona (SPAIN) and Casablanca (MOROCCO).

**Technology keywords:**

Water Treatment: Water Pollution / Recycled wastewater, Groundwater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants, Natural disasters, Agriculture technology (irrigation).

Support technologies: Filtration and Membrane Processes

**OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW****Title:**

Dopec is a Civil Engineering and Architecture Consulting Firm expert in the design and construction supervision of the complete water management cycle

**Detailed description:**

Dopec has a long expertise in the following fields: - Management of Regional Urban Wastewater Programs (data collection, analysis, diagnosis, planning of investments, GIS) - Management of Regional Water Supply Programs (data collection, analysis, diagnosis, planning of investments (GIS) - Drinking water network design (abstraction, treatment, storage, distribution) - Wastewater network design (collection, transportation, treatment, recycling, release) - Irrigation design and works control - Flood risk studies (and their implications in urban planning) Dopec complements this expertise in the complete water management cycle consultancy with a relevant consulting expertise in the fields of urbanisation, town planning and transport infrastructures.

**Collaboration Details:**

Commercial Agreement, Technical Co-operation, Joint Venture Agreement

**Type of partner sought:**

Construction or Public Services companies looking for consulting support in the water management cycle field (design and construction supervision) Local, Regional or National Administration Agencies in need of consulting support in the water management cycle (project management, design, construction supervision)

## COMPANY PROFILE

### SPAIN

### DOPEC S.L

**Sectors:** Dopec is a Civil Engineering and Architecture Consulting Firm expert in the design and construction supervision of the complete water management cycle with offices in Barcelona, Madrid, Lleida, Girona (SPAIN)and Casablanca (MOROCCO).

**Technology keywords:** Water Treatment: Water Pollution / Recycled wastewater, Groundwater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants, Natural disasters, Agriculture technology (irrigation).

Support technologies: Filtration and Membrane Processes

### REQUEST: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:** Dopec is a Civil Engineering and Architecture Consulting Firm expert in the design and construction supervision of the complete water management cycle

**Detailed description:** We are looking for partner in Mediterranean countries in order to co-develop engineering projects mainly in the water management field.

**Collaboration Details:** Commercial Agreement, Technical Co-operation, Joint Venture Agreement

**Type of partner sought:** Synergic Engineering Consulting Firms in the Mediterranean Countries willing to establish strategic alliances.

## COMPANY PROFILE

### FRANCE

### EAU'RIZON

**Sectors:** Waste water treatment in urban zones and industry.

**Technology keywords:** Water Treatment: Water Pollution / Treatment.

Market keywords: Water treatment equipment and waste disposal systems.

### OFFER: KNOW HOW

**Title:** Studies and realizations of installations and equipments of water treatment in urban zones and industry.

**Detailed description:** Compact water treatment plants BIORIZON: Based on the biological treatment of type activated muds, their performances bring an answer in compliance with the quality of the most binding waste water. Realized in armed polyester fibreglasses, they offer a big mechanical resistance and are insensible in the corrosion. We propose a wide range going until 600 equivalent inhabitants and allowing to answer in the fields of application the most varied such as: local communities, industries, hostels complexes, hospitals, camping, residencies- Control of the costs: the costs of purchase and chances of construction site are mastered Speed of implementation on the construction site: The posts being risen and tested in workshop, the performance in the construction site is minimized.

Well of pumping: Unchanging, with an excellent mechanical resistance, easy to install. The well pumping is equipped in numerous installations in FRANCE and in many other countries. - A standard or customized range - Our well pumping is assembled and tested in factory before delivery - Possibility of choosing the supplier of equipment.

**Collaboration Details:** Commercial Agreement, Technical Co-operation

**Type of partner sought:** Commercial Partners and representatives.

**ALGERIA**

**E.E.B.C. (Eau Energie Bio Construction)**

**Sectors:** Recycling wastewater and energy. Small wastewater treatment plant, wind power.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

Support technologies: Environmental Engineering / Technology, Chemical material testing, Filtration and Membrane Processes, Sensor technology related to measurements.

**OFFER: TECHNOLOGY/INNOVATION**

**Title:** Small wastewater treatment plants

**Detailed description:** Within the framework of the development of the individual purification of wastewater, we propose mini plants of purge and recycling of waste water of a capacity of 2EH in 600EH.

**Collaboration Details:** Cooperation, technical cooperation, joint venture agreement, manufacturing agreement, commercial agreement, financial resources.

**Type of partner sought:** We look for commercial partners with who we shall develop in their country the distribution and the turnkey installation of our plants of purge and recycling with individual and collective use.

**ALGERIA**

**E.E.B.C. (Eau Energie Bio Construction)**

**Sectors:** Recycling wastewater and energy. Small wastewater treatment plant, wind power.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

Support technologies: Environmental Engineering / Technology, Chemical material testing, Filtration and Membrane Processes, Sensor technology related to measurements.

**REQUEST: TECHNOLOGY/INNOVATION**

**Title:** Technology in wastewater treatment

**Detailed description:** Latest equipments, know how and technology in wastewater treatment.

**Collaboration Details:** Cooperation, technical cooperation, joint venture agreement, manufacturing agreement, commercial agreement, financial resources.

**Type of partner sought:** We look for new partners who can propose us new equipments and technology in wastewater recycling and treatment in order to make business in ALGERIA.

## COMPANY PROFILE

### ALGERIA

### E.GE.C.A.

**Sectors:** Office of engineering and study in civil engineering and hydraulic works.  
We are expert in the field of civil engineering, topography, assistance and monitoring of the construction sites like wastewater treatment plants for the civil engineering.

**Technology keywords:** Water Treatment: Water Pollution / Treatment,  
Market keywords: Water treatment equipment and waste disposal systems.

### REQUEST: KNOW HOW

**Title:** Software for topography, new technology for water purification.

**Detailed description:** We are looking for new software in topography. We are also interested in new processes/ technologies in the field of civil engineering of stations of purifications.

**Collaboration Details:** Technical cooperation, Financial Resources, commercial agreements.

**Type of partner sought:** Producer of software and innovative know how.

## COMPANY PROFILE

### ALGERIA

### E.GE.C.A.

**Sectors:** Office of engineering and study in civil engineering and hydraulic works.  
We are expert in the field of civil engineering, topography, assistance and monitoring of the construction sites like wastewater treatment plants for the civil engineering.

**Technology keywords:** Water Treatment: Water Pollution / Treatment,  
Market keywords: Water treatment equipment and waste disposal systems.

### OFFER: KNOW HOW

**Title:** Subcontracting in the field of the studies and the follow up of construction sites of purification of water.

**Detailed description:** We can offer our services in the studies and the follow up of the linear projects.

**Collaboration Details:** Technical cooperation, Financial Resources, commercial agreements.

**Type of partner sought:** Entreprises working in the field of water purification and treatment.

## COMPANY PROFILE

### TUNISIA

#### Envirotech

**Sectors:** waste water network and equipments.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems

### REQUEST: TECHNOLOGY/INNOVATION

**Title:** Equipments and new technology in wastewater collect network.

**Detailed description:** New pumping stations equipments suppliers; New process in waste water collect network.

**Collaboration Details:** Commercial Agreement.

**Type of partner sought:** Partnership, suppliers or contractual agreement.

## COMPANY PROFILE

### FRANCE

#### Epur Nature

**Sectors:** Waste water treatment with constructed wetlands - Sludge management and treatment with sludge drying reed beds - Natural and biotope swimming pool - On site sanitation

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Water, sewerage, chemical and solid waste treatment plants;

Market keywords: Water treatment equipment and waste disposal systems.

### OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:** Reed bed filter for waste water treatment

**Detailed description:** Engineering consulting firm in waste water treatment. Design and building of constructed wetlands for collective and on site sanitation Advantages of this technology: operational costs lower than similar technology, easy to operate, possibility to operate without electricity, high removal efficiencies (specific design according to the outlet quality needed), acceptability of large hydraulic and organic load variations, no necessity of primary treatment, sludge treatment integrated by the systems.

**Collaboration Details:** Joint Venture Agreement

**Type of partner sought:** Waste water treatment: Master building, building company, water office, Design and engineering office in water treatment

## COMPANY PROFILE

### SPAIN

#### FERTILAISER, SL

**Sectors:** design, the installation and the maintenance of technologies for the adjustment of the quality of the water for irrigation

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Saline intrusion, Reused water, Recycled wastewater, Groundwater.

Market keywords: Horticulture, Agriculture technology (irrigation),

Water and new energies: Energy management.

Support technologies: Environmental Engineering / Technology.

### OFFER: TECHNOLOGY/INNOVATION

**Title:** Water technologies for irrigation

**Detailed description:** Biotechnological technology for adjustment of the quality of water for irrigation. The system is designed, installed and maintained, according the real needs of the plants.

**Collaboration Details:** Commercial Agreement, Technical Co-operation

**Type of partner sought:** We are looking for partners who wants a water treatment for irrigation purposes. Are included: agriculture enterprises, green areas enterprises, waste water treatment enterprises, engineer enterprises linked with water, etc...

## COMPANY PROFILE

### MOROCCO

#### FOGAOSOL Maroc

**Sectors:** Renewable energy, water, environment. Pumping water with wind turbine and aeropompes.

**Technology keywords:** Water Treatment: Groundwater.

Water and new energies: Hydro power, Process optimization, waste heat utilization, Unconventional and alternative energy, Energy management.

Market keywords: Agriculture technology (irrigation)

### OFFER: TECHNOLOGY/INNOVATION

**Title:** Pumping water, turbine, aeropompes.

**Detailed description:** We are looking for a commercial and technical partner for commercial development of our system of pumping water with windmills and aeropompes. The target markets are those of the first irrigation, and mining and water supply on the other. Our systems have advantages such as environmental protection, energy conservation, financial savings and very low cost of maintenance.

**Collaboration Details:** Joint Venture Agreement, Commercial Agreement

**Type of partner sought:** We are looking for partners interested in the field of pumping water with windmills and aeropompes.

## COMPANY PROFILE

### SPAIN

#### FUTURA SYSTEMS, S.L.

**Sectors:** Producers of tubes of polyethylene

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

### OFFER: TECHNOLOGY/INNOVATION

**Title:** FUTURA SYSTEMS, S.L.

**Detailed description:** PE PIPES

**Collaboration Details:** Commercial Agreement

**Type of partner sought:** NORD AFRICA

## COMPANY PROFILE

### FRANCE

#### G2C Environnement

**Sectors:** Water engineering. Activities / services : Environmental Engineering, Asset Management, Public Private Partnership in Utility Management, Research and Development, Geographical Information Systems.

**Technology keywords:** Support technologies: Environmental Engineering / Technology

### OFFER: TECHNOLOGY/INNOVATION

**Title:** Geographical Information Systems (GIS) for water service asset management.

**Detailed description:** The company proposes expertises in the following fields of competences - Environment and water engineering, Assistance in public utility management, Research and development, Geographical information system, Production of drinkable water plants : - Environmental Engineering for understanding, modelling and analysing complex systems. - Asset Management for improving management and renewal of infrastructure. - Public Private Partnership in Utility Management for improving management of resources and infrastructures for water and sanitation. - Urban Development and Town Planning for managing local development and building better infrastructure for tomorrow. - Research and Development for anticipating tomorrow's issues on water and environment. - Geographical Information Systems for better knowledge and management of network infrastructure and territorial assets. G2C have a dedicated expert Geographic Information Systems functions that is an user-friendly system with content-sensitive aid function and user's guide. The standard GIS functionalities: tools for navigation, localisation, representation and management of layers, spatial and generic queries, tools for drawing and page formatting, printing functions, advanced user rights management. Functionalities specific to the sectors: management of asset infrastructure databases, management of repairs and maintenance work, drawing tools with symbol libraries, placing of objects by triangulation, GPS surveys, management of dimensions, network scanning, longitudinal profiles, sector-specific data miners, mass-mailing of correspondence and reports.

**Collaboration Details:** Licence Agreement, Commercial Agreement, Technical Co-operation, Joint Venture Agreement, Research Cooperation

**Type of partner sought:** G2C environnement, a subsidiary of Altereo group, have an ambitious international development program through abroad subsidiaries implantations and partnerships with companies that want to share their valuable technologies, in addition to those existing in Alereo Group, or have a complementary international development strategy. Areas of applications can be GIS and research and development on asset management of pipe network, or general hydraulic knowledge dealing with ground management including water resource.

## COMPANY PROFILE

### ALGERIA

#### Gamma Pharm

**Sectors:**

Maintaining water treatment stations.

**Technology keywords:**

Market keywords: Water treatment equipment and waste disposal systems, Agriculture technology (irrigation), Horticulture.

Water Treatment: Water Pollution / Treatment, Saline intrusion, Reused water, Recycled wastewater, Measurement and Detection of pollution.

### REQUEST: TECHNOLOGY/INNOVATION

**Title:**

Installation and Maintenance of water treatment station.

**Detailed description:**

importation/installation of water treatment stations with small and average capacity; softening and filtration by inverse osmosis; acceptable link quality price, with easy installation and maintenance; seek partnership for an assembly unit of small water treatment stations by inverse osmosis for houses, restaurant and bars.

**Collaboration Details:**

Joint venture agreement; commercial agreement; financial resources.

**Type of partner sought:**

Manufacturers of water treatment equipments and industrial salt for softeners.

## COMPANY PROFILE

### ITALY

#### GEOPROJECT S.R.L.

**Sectors:**

Management, engineering and making of professional services and works for contaminated sites and groundwater remediation

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Groundwater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants, Natural disasters.

Support technologies: Environmental Engineering / Technology, Analyses/test facilities and methods, Chemical material testing, Sensor technology related to measurements.

### REQUEST : TECHNOLOGY/INNOVATION

**Title:**

GEOPROJECT: GEOLOGY AND CHEMISTRY FOR ENVIRON

**Detailed description:**

Our area of expertise and know how is the geological and geophysics investigation and in laboratory test for contaminated sites remediation. We can use the following technologies, for these services and works: geoelectrical and seismic tomography, magnetic and electromagnetic surveys, other than environmental in site drilling. The advantages of applied technologies are the faster and non destructive method. We are looking for a commercial cooperation and/or for licence agreement that help us to develop our activities of site and groundwater contaminated remediation. We also look for bring out ITALY our experience in the investigation/characterization of contaminated sites and groundwater.

**Collaboration Details:**

Manufacturing Agreement, Licence Agreement, Commercial Agreement, Technical Co-operation, Joint Venture Agreement, Research Cooperation

**Type of partner sought:**

Contaminated sites and groundwater remediation; environmental engineering company

## COMPANY PROFILE

### SPAIN

### HACH LANGE, S.L.U.

**Sectors:** We sell instrumentation and reagents for analysis of waste water, drinking water, surface water and desalination. We offer complete solutions.

**Technology keywords:** Support technologies: Analyses/test facilities and methods.

### OFFER: TECHNOLOGY/INNOVATION

**Title:** Water analysis

**Detailed description:** We offer the latest technology in Water analysis: Luminescent Dissolved Oxygen (LDO), SC digital controllers,- Our instruments will help the customer to have reliable results in a fast way, save money and time, and many other benefits.

**Collaboration Details:** Commercial Agreement

**Type of partner sought:** Spanish contacts

## COMPANY PROFILE

### SPAIN

### Hidro-Water SL

**Sectors:** Standard equipment for domestic water treatment Treatment plants for municipal and industrial water and water reuse Fabrication and supply of components and machinery for the water industry UF and MBR membrane technology. Industrial automation and control panels Fabrication of equipment for ozone production

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater, Groundwater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

Support technologies: Environmental Engineering / Technology, Filtration and Membrane Processes.

### OFFER: TECHNOLOGY/INNOVATION

**Title:** Water well treated is our reason for being

**Detailed description:** With the incorporation in HIDRO-WATER group of new divisions allows us to offer modern and efficient solutions for the treatment and reutilization of water. Standard equipments for domestic water treatment. Filtration. Compact drinking water treatment plants. Membrane technology: Reverse Osmosis, Ultrafiltration, flat sheet membrane in MBR and Desalination plants. Complete plants for industrial water supply. Ozone equipments

**Collaboration Details:** Commercial Agreement

**Type of partner sought:** Companies working in the field of Water Treatment

## MOROCCO

## HP MAROC

**Sectors:** We are specialized in the field of environment and automatisme. Recently we are extending our business in the field of solar energy, underground pump systems, renewable energy, water treatment, drinking water.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Saline intrusion, Reused water, Recycled wastewater, Groundwater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants, Natural disasters, Agriculture technology (irrigation).

Support technologies: Filtration and Membrane Processes, Sensor technology related to measurements.

Water and new energies: Hydro power, Process optimization, waste heat utilization, Liquid biomass, Energy management.

## REQUEST: TECHNOLOGY/INNOVATION

**Title:** Renewable energies and new technologies

**Detailed description:** We are looking for new technologies and automatism in the fields of Environment, drainage, underground pump systems, water treatment, solar energy and drinking water. We are interested in innovative and modern equipments, easy to use, install and maintain.

**Collaboration Details:** Manufacturing Agreement, Commercial Agreement, Financial Resources, Technical Co-operation, Joint Venture Agreement, Research Cooperation

**Type of partner sought:** We are looking for producers, suppliers and distributors.

## SPAIN

## HQA S.L

**Sectors:** HQA (Hidrologia i Qualitat de l'Aigua) provides engineering, technical-legal consulting, drafting of study reports, project implementation and management of projects related to the entire water cycle. HQA is highly specialized in hydraulic and hydrologic systems and benefits from having a team of professionals with great expertise in these fields. This specialization is what makes HQA one of the most competitive engineering firms in projects related to the entire water cycle.

**Technology keywords:** Support technologies: Environmental Engineering / Technology

## OFFER: KNOW HOW

**Title:** Low-cost and high-performance modular packaged drinking water plants using the innovative and effective continuous filtration technology

**Detailed description:** WATERTREATMENT MODULAR PLANTS HQA offers a wide range of turnkey solutions for water treatment in Latin America, the Caribbean, Europe (through its partner INCLAM) and Africa. To do so, we use the latest low-cost and high-performance technologies. ADVANTAGES OF OUR SOLUTIONS - Easy to transport - Reduced installation space - Quick and easy to install - Reduced maintenance costs - Adaptability to demand - Minimum civil works DRINKING WATER WITH THE CONTINUOUS FILTRATION TECHNOLOGY Continuous washing is the latest technology for purifying water which stands out from other traditional purification methods (whether civil works or compact). With continuous washing plants there is no need to stop the filtering process in order to proceed with washing. Sand is cleaned at the same time as filtering takes place. This major technological breakthrough is decisive in reducing operating and maintenance costs.

**Collaboration Details:** Licence Agreement, Commercial Agreement

**Type of partner sought:** We are looking for agents with contacts within the water administration in African countries. Also, water civil engineers willing to use our technology in their projects or water companies with potential in selling our plants.

## COMPANY PROFILE

### FRANCE

### HTS BIO

**Sectors:**

HIGH-TECH: Accidental pollution remediation, Soil remediation, Oil Tank bottom cleansing, Pavement (drained) cleansing, Any hydrocarbons or organic matter related pollution.

TECHNICAL: FATS ELIMINATION on urban, domestical, farm and industrial sides. ORGANIC MATTER ELIMINATION: Waste water (treatment plants), Manure, Ponds, rivers, lakes.

STANDARD: Grease traps, Sanitary, Septic tanks, Surface cleaning, Odour remediation, Car cleaning, Consumer market (housekeeping products, gardening and pets).

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Recycled wastewater.

Market keywords: Water, sewerage, chemical and solid waste treatment plants.

### OFFER: TECHNOLOGY/INNOVATION

**Title:**

Biotreatment of organic contamination (hydrocarbons, greases, odors).

**Detailed description:**

The company is specialized in environmental biotechnology. By using adapted and specific microbial consortia, BIOSMOSE and BIOSURF processes, our know-how is applicable in the bioremediation of polluted soils (excavated or not), ground water, lakes and sea. It also covers the industrial food processing effluent treatment, the waste water collectors and treatment plants, the agriculture. The methods using biochemistry, microbiology and process engineering allow a truly accelerated natural biodegradation with a full, non selective degradation of each component of the pollutant. Applications : Bio-reactor , Bioprocess , Bioremediation , Fermentation , Microbiology, Synthesis of molecules.

**Collaboration Details:**

Technical Co-operation, Licence Agreement, Commercial Agreement

**Type of partner sought:**

Partnership or contractual agreements.

## COMPANY PROFILE

### TUNISIA

### HYDRITEC SYSTEMS

**Sectors:**

Our main activities are in advising, studying and installing key in hands of irrigation systems, waste water treatment, high pressure spraying filtration, ultra violet equipments, etc.

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems, Horticulture, Agriculture technology (irrigation).

Support technologies: Filtration and Membrane Processes.

### REQUEST: TECHNOLOGY/INNOVATION

**Title:**

Innovation in the field of water treatment and irrigation.

**Detailed description:**

Research partners for innovative and modern production to distribute in Maghreb countries.

**Collaboration Details:**

Cooperation, technical cooperation and joint venture agreements

**Type of partner sought:**

Producer, research center, resellers.

## COMPANY PROFILE

### TUNISIA

### HYDRITEC SYSTEMS

**Sectors:** Our main activities are in advising, studying and installing key in hands of irrigation systems, waste water treatment, high pressure spraying filtration, ultra violet equipments, etc.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems, Horticulture, Agriculture technology (irrigation).

Support technologies: Filtration and Membrane Processes.

### OFFER: TECHNOLOGY/INNOVATION

**Title:** Irrigation systems and related services.

**Detailed description:** The offered technology is in Maghreb countries. The technology can be used in the water management and treatment for irrigation. The main advantages in our equipments are performance, easy to install and/or maintain etc.

**Collaboration Details:** Commercial agreement

**Type of partner sought:** Look for partners in the Maghreb area.

## COMPANY PROFILE

### ITALY

### IDECO SRL

**Sectors:** Projecting and manufacturing waste water equipment.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems.

Water and new energies: Hydro power.

Support technologies: Filtration and Membrane Processes

### OFFER: TECHNOLOGY/INNOVATION

**Title:** IDECO offers Biological New Technologies for high concentration waste.

**Detailed description:** Our BioBatch Plant is concerned for waste with high concentration of BOD . It permits low production of mud (-50%) in a very compact skid. The system works with two reactors and a special filling-material. The system has a very innovative equipment for measurements of dissolved oxygen (foto-sensible) ,Ph, Redox,Pressure, Flow Rate and the possibility to view and send any information to a fix IP address for the distance control. The test machine is about 3 mc/gg and we are working to build a bigger one for civil waste.

**Collaboration Details:** Commercial Agreement, Technical Co-operation

**Type of partner sought:** We want to introduce our equipment and we are looking for European cooperation and suppliers.

**ITALY****IDI SRL****Sectors:**

the Company IDI SRL is founded in 1994 and from the early start planned and specialized for civil and environmental engineering especially for engineering, consulting and carry out the work in operative interventions, survey, planning and management of public and private infrastructures, especially in the hydraulic and sanitary field. IDI SRL, with successfully dealing and high quality of one's business and projects, became renown company, between 1998 to 2009 apply and bring about at University of civil engineering of Napoli, Roma, Bologna and Milano great licence for consulting, carry out restructuring aqueducts, sewerages, pipeline, and water systems.

**Technology keywords:**

Water and new energies: Process optimization, waste heat utilization, Energy management.

Water Treatment: Reused water, Water Pollution / Treatment.

Support technologies: Environmental Engineering / Technology.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

**OFFER: TECHNOLOGY/INNOVATION****Title:**

Consulting, survey, planning and management of public and private infrastructures, especially in the hydraulic and sanitary field.

**Detailed description:**

in the last period company managed very successfully, grew and left behind hundreds of finished construction project, with great pleasure of the investors and the users. Our company with its employees in our branch line up as a small company but with highly educated personal, qualification structure and internal arrangements with mean minimum administrative and unproductive personnel, regular trespassing of the information, goods, documentation and personnel in daily dealing, modern company who have predict in plan for 2003 year to obtain ISO 9001 certificate. With successfully dealing and high quality of one's business and projects, became renown company, between 1998 to 2003 apply and bring about at University of civil engineering of Napoli, Roma, Bologna and Milano great licence for consulting, carry out restructuring aqueducts, sewerages, pipeline, and water systems. Getting this license placed company IDI SRL among several companies in the country with high level of authority and responsibility in our field of activity. Company IDI SRL has appropriate basic means and means for carry out one's own dealings meaning appropriate motor and machine pool, hand machine and tools, equipment, suitable computer equipment for fully automatic an informative support for the production of projects, tenders and all other documentation, working out goods and financial dealings, warehouse and storage services with its own supplies intermediate goods necessary to wrap our activity. As a precise definition of our activity we give some examples of investment work as it works on the rebuilding, adaptation and reconstruction on the existing constructions for which we can quality do the engineering, consulting and carry out works: - preliminary, definitive and executive working; - management and supervision works; - structural data processing; - planning maintenance works; - analysis environmental indicators; - computerization, modeling, data bank; - researches, topographic surveys and expropriations.

**Collaboration Details:**

Research cooperation.

**Type of partner sought:**

Partnership or contractual agreement, financial resources.

**FRANCE****IDRHO (Groupe IRH Environnement)****Sectors:**

Chemicals and equipments for water treatment.

**Technology keywords:**

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants;

Water and new energies: Energy management.

Water Treatment: Reused water, Saline intrusion, Water Pollution / Treatment.

Support technologies: Sensor technology related to measurements, Analyses/test facilities and methods, Filtration and Membrane Processes, Chemical material testing, Environmental Engineering / Technology.

**OFFER: TECHNOLOGY/ INNOVATION AND KNOW HOW****Title:**

On-line oxidant solution generator.

**Detailed description:**

IDRHO develops, manufactures and sells innovative technical solutions (Chemicals, Equipment, and Monitoring) for the water treatment market. We serve the following applications: Cooling systems - Boilers - Waste&Water - Ultra-pure water (Reverse osmosis, Thermal evaporators. Our chemicals range includes: Dispersants, Scaling inhibitors - Corrosion inhibitors - Biocides - Antiscalants, Antifoams - Coagulants, Flocculants. Equipment: On-line oxidants generator to replace sodium Hypochlorite - Standard equipments to feed and monitor water treatment program. The company has developed an On-site oxidant generator (Continuous way). Oxidants are generated on site using only salts, water and electricity. No hazardous chemicals are ever used or stored making it safer than any other chlorine alternative. Our technology IDRHO-miX is designed to replace Sodium Hypochlorite: an electrolytic process generates a non hazardous oxidant solution using only Salt, Water and Electricity. NSF approved: This technology is suitable for tap water production (including sea water desalination) Safety: IDRHO-miX generators improve staff and community safety, and reduce safety administrative costs by eliminating the transportation, handling and storage of hazardous chemicals (chlorine gas, Sodium hypochlorite) Cost effective: Operating costs are substantially less than bulk bleach, offering short term return on investment, while safety costs are eliminated all together. Better results: Mixed oxidant generated by IDRHO-miX technology provides superior disinfection longer lasting chlorine residuals and removal of biofilms. Secure supply chain: Mixed oxidant solution is generated on site = Disinfection solution always available.

**Collaboration Details:**

Technical Co-operation, Commercial Agreement

**Type of partner sought:**

Sea Water Desalination (Builder, Exploitation) companies. Chemicals distributor.

## COMPANY PROFILE

### ITALY

#### Sectors:

### Idrodepurazione

Idrodepurazione boasts over 30 years of experience in design and implementation of water and wastewater treatment plants for industries and communities. In the last decade Idrodepurazione has succeeded in developing deep skills also in waste treatment plants (composting), air deodorization plants (biocell) and biomass plants for the production of renewable energy.

#### Technology keywords:

Water Treatment: Reused water, Recycled wastewater, Groundwater.

Market keywords: Water treatment equipment and waste disposal systems, Horticulture, Agriculture technology (irrigation).

Support technologies: Filtration and Membrane Processes.

## OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

#### Title:

Water and wastewater treatment plants. Air deodorising, organic waste management, energy from biomass.

#### Detailed description:

Idrodepurazione boasts a great experience in designing and realizing turn key plants, with a main focus on primary and waste treatment, air deodorizing and biomass energy. Our engineering skills has also brought at the development of some innovative solutions in the following area: - Gravity dosing systems - Water reuse system - Plants for the production of energy from agricultural biomass - Plants for the production of energy from slaughtering by products - Plants for the reduction and the recovery of nitrogen from livestock manure We are always looking for innovative systems in the markets we serve.

#### Collaboration Details:

Manufacturing Agreement, License Agreement, Commercial Agreement, Technical Co-operation, Joint Venture Agreement

#### Type of partner sought:

We are interested in finding SME or business agent which operates in the environmental sectors interested in distributing our solutions in their market through different forms of collaborations (agency contract, joint venture, etc.). Idrodepurazione can support them with its know how and products. Idrodepurazione is also looking for new innovative products to be commercialized in the Italian market.

## COMPANY PROFILE

### ITALY

#### Sectors:

### Idrofond srl

The company sells products for water and sewerage, specializing technically for laying of pipelines of any material

#### Technology keywords:

Market keywords: Water, sewerage, chemical and solid waste treatment plants

## OFFER: TECHNOLOGY/INNOVATION

#### Title:

Experience in the welding of pipes of any material

#### Detailed description:

Maintenance of pipelines. Marketing of 'ECOTIMER', solenoid operated via software for the timing of opening / closing of Idro-valve for reduction in pressure in the duct during the night.

#### Collaboration Details:

Commercial Agreement.

#### Type of partner sought:

We are looking for Solutions and innovations for the Management of water Systems; actors within the Networks of adduction and water distribution.

## COMPANY PROFILE

### ITALY

#### Idrorappresentanze sas

**Sectors:** The company sells products for water and sewerage

**Technology keywords:** Support technologies: Sensor technology related to measurements.

Market keywords: Water, sewerage, chemical and solid waste treatment plants.

### OFFER: TECHNOLOGY/INNOVATION

**Title:** we find viable alternatives in the use of materials used in water supply and sewage system

**Detailed description:** Marketing of products for water and sewer. With our technical and commercial expertise we can evaluate the best material to be included in a particular application of water or sewer.

**Collaboration Details:** Commercial agreement.

**Type of partner sought:** We are looking for suppliers of technology and materials for the integrated water cycle.

## COMPANY PROFILE

### FRANCE

#### IES EMEA

**Sectors:** Technical expertise and assistance in management and strategy for project development on following topics : pollution management, land conversion, wastes management,...

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater, Groundwater, Measurement and Detection of pollution.

Market keywords: Water, sewerage, chemical and solid waste treatment plants.

Water and new energies: Unconventional and alternative energy, Liquid biomass, Energy management.

Support technologies: Environmental Engineering / Technology.

### OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:** Technical expertise and assistance in management and strategy for project development in pollution and waste management, wildlands conversion, industrial plants.

**Detailed description:** The company offers its services through project partnerships or alliances 'North-South' and includes the steps of sustainable development at the heart of the project strategy. It is a platform of expertise, technical assistance and business for project management, it acts as a catalyst for partnerships for a green economy. The company operates well on projects such as: - Management of pollution (inland, coastal or sea); - Energy - Conversion of wildlands (Brown Fields); - Industrial Plants (Green Fields); - Wastes Managements - Infrastructure; - Real Estate; The company emphasizes integrated management of problems encountered in connection with the development of sustainable approaches for: - Increase the environmental performance and reduce environmental risks; - Manager rehabilitation and remediation of sites our clients; - Include steps 'green' Eco-Design and Eco-Management (Water, Waste); - Manage and mitigate future environmental impacts; - Improve the use of energy sources (conventional & alternative resources); - Reducing the emission of greenhouse gas emissions (Carbon Footprint, Clean Development Mechanism).

**Collaboration Details:** Commercial Agreement, Others, Technical Co-operation, Joint Venture Agreement

**Type of partner sought:** The company is looking for partner in Industry, investors and Public and government agencies wishing to develop in Europe, Mediterranean and Africa area. Topics for partnering projects could be : - Increase the environmental performance for industrial water using - Reduce environmental risks and manage risk assessment; - Managing rehabilitation and remediation for water treatment; - Include steps 'green' Eco-Design and Eco-Management (Water, Waste management); - Manage and mitigate future environmental impacts; - Improve the use of energy sources (conventional & alternative resources); - Reducing the emission of greenhouse gas emissions (Carbon Footprint, Clean Development Mechanism).

## COMPANY PROFILE

### SPAIN

#### Sectors:

Research, Development, Innovation

#### Technology keywords:

Water Treatment: Measurement and Detection of pollution, Recycled wastewater, Water Pollution / Treatment.

Water and new energies: Measurement and Detection of pollution, Process optimization, waste heat utilization.

Support technologies: Environmental engineering/technology, Analyses/test facilities and methods.

Market keywords: Agriculture technology (irrigation), Water, sewerage, chemical and solid waste treatment plants, Water treatment equipment and waste disposal systems,

### OFFER: TECHNOLOGY/INNOVATION

#### Title:

Cleanliness sensor. Control of production processes, hygiene of facilities and final product quality

#### Detailed description:

The proposed product consists of a probe that contains an integrated sensor with the ability to measure the degree of cleanliness/dirt in industrial production lines, with a high interest to the food and pharmaceutical industry by the strict conditions which have to comply. The use of this cleanliness sensor allows setting a system for automatic control of cleaning processes, ensuring final product quality and obtaining economic and environmental profits. Food and pharmaceutical industry suffers problems related to the deposition of materials onto the surface of their production equipment due to handling liquids, solids or semi-solids substances. This leads to problems such as changes in process conditions, energy overuse, and contamination and rejection of the final product. The economic and environmental cost of cleanliness is substantial. Nowadays, industries rely on standardised cleaning processes whose doses, frequencies and timing are defined according to the experience, thus they lack of accuracy. Therefore they are managed in excess in order to ensure an adequate cleaning. The current surveillance equipments based on cameras and the conductivity sensors recently used in CIP (Cleaning in Place) cleaning equipments, are unable to determine the status (clean/dirty) of the facilities. This information, provided by the cleanliness sensor, allows the user to monitor, optimize and automate the cleaning processes without the need for shares in excess, and involves economic and environmental profits through reduced: - Overuse of water, reagents and energy. - Waste treatment. - Production stops. - Staff salaries. The probe may be incorporated both into production plants (using standards as a PT100 probe) as CIP (Cleaning in Place) equipments. Both its applicability as technology used for cleanliness sensor fabrication are consolidated and allow obtaining reproducible results, with reliability and production yields comparable to mass production industry. The cleanliness sensor was tested in dairy manufacturing pilot plants as Planta de Tecnología de Alimentos del CeRTA (UAB).

#### Collaboration Details:

Commercial Agreement, Financial Resources, Research Cooperation

#### Type of partner sought:

We are looking for an enterprise. Any kind of collaboration is possible.

## COMPANY PROFILE

### SPAIN

#### Sectors:

Research and development Chemical sensors for analysis

#### Technology keywords:

Water Treatment: Measurement and Detection of pollution.

Market keywords: Water, sewerage, chemical and solid waste treatment plants.

Water and new energies: Process optimization, waste heat utilization.

Support technologies: Sensor technology related to measurements.

### OFFER: TECHNOLOGY/INNOVATION

#### Title:

MULTISENSOR SYSTEMS APPLIED TO WATER QUALITY CONTROL.

#### Detailed description:

The proposed products consist of multisensor systems that can quantify a few parameters in real time with the same accuracy as standard methods. The use of multisensor systems allows setting systems for automatic control of industrial production processes and agriculture, and involves economic and environmental profits through reduced: waste treatment, and overuse of water, reagents and energy. Besides, multisensor systems have a lot of applications in the environmental control field (control of plants for water treatment, quality of the water, pollution detection...). They are able to perform multiparametric analysis in areas of difficult access (ground level and underground and drinking water distribution networks) by portable systems. As well, these systems can identify samples of any kind of water according their composition. These analytical systems are based on an array of sensors with different cross-selectivity, a flow system for sampling and fluid management, the electronics to take the data and control the system, and the programs for data treatment. Sensors can be potentiometric (ISFET, for ion sensing: pH, Na, K, Cl, NO<sub>3</sub>, heavy metals...), amperometric (species having redox characteristics: glucose, organic acids, peroxide...) and conductimetric. By means of the combination of some of these, measurement in real time of biological and chemical parameters of any kind of water is possible. Sensors are fabricated with microelectronic technology. Therefore they have many advantages: robustness, small size, low cost, rapid response and reproducibility. Both its applicability as technology used for these analytic systems fabricating are consolidated.

#### Collaboration Details:

Financial Resources, Technical Co-operation, Research Cooperation

#### Type of partner sought:

Technological centre SME .....

**SPAIN****INYPSA Informes y Proyectos S.A****Sectors:**

Inypsa is a listed company in the Barcelona and Madrid markets. Our core business is the engineering (plans and studies, projects and supervision). Also, we have several branches specialized in Aerial Cartography with Laser, Digital and Analogical camera (Stereocarto firm); turnkey construction of equipments in international market (IMC), and promotion of renewal energies (IER).

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Saline intrusion, Reused water, Recycled wastewater, Groundwater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants, Natural disasters, Agriculture technology (irrigation).

Water and new energies: Hydro power, Unconventional and alternative energy, Energy management

**OFFER: KNOW HOW****Title:**

We are very specialized in studies, projects and supervision of desalination plants, wastewater plants, and water supply plants. Also in river engineering, hydro geology, etc.

**Detailed description:**

We are working from 1970 in international market, wit projects financed by a lot of multilateral institutions (WB, UN, BID, etc. Also we have been working with bilateral funds. We have a big staff, close to 450 people, and a lot of references and expertise. In the last three years we have been working in SPAIN, FRANCE, ITALY, Montenegro, Albania, Turkey, Bulgaria, Cyprus, ALGERIA, and MOROCCO.

**Collaboration Details:**

Commercial Agreement, Technical Co-operation, Joint Venture Agreement

**Type of partner sought:**

We offer our services of Consultancy to firms in all the Mediterranean for mid term partnership.

**SPAIN****INYPSA Informes y Proyectos S.A****Sectors:**

Inypsa is a listed company in the Barcelona and Madrid markets. Our core business is the engineering (plans and studies, projects and supervision). Also, we have several branches specialized in Aerial Cartography with Laser, Digital and Analogical camera (Stereocarto firm); turnkey construction of equipments in international market (IMC), and promotion of renewal energies (IER).

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Saline intrusion, Reused water, Recycled wastewater, Groundwater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants, Natural disasters, Agriculture technology (irrigation).

Water and new energies: Hydro power, Unconventional and alternative energy, Energy management

**REQUEST: KNOW HOW****Title:**

Consultancy Partners

**Detailed description:**

We are looking for consultancy partners in all the Mediterranean

**Collaboration Details:**

Commercial Agreement, Technical Co-operation, Joint Venture Agreement

**Type of partner sought:**

They could be local partners or regional consultancy leaders.

**FRANCE****Imageau****Sectors:**

Our objective is to be acknowledged by our clients (local authorities, industries, surveyors) as a supplier of innovative solutions to environmental issues linked with underground resources. Imageau is an engineering and surveying company which designs, manufactures and installs autonomous innovative geophysical systems to monitor subsurface water resources downhole, in near-field manner, and over long periods of time. Our state of art investigation process is non-invasive and fulfills 4 major roles: - to improve monitoring of resources - to detect any abnormal variation - to prevent further deterioration - to take accurate remedial action. We can bring our expertise to various economic sectors, such as: Water Bodies Management with an optimized exploitation of water resources notably the monitoring of salted water intrusion in coastal aquifers. Oil with a dynamic control of urban and industrial pollutions (maximum depth of 50m) mainly for petrochemical sites. CO2 storage with the monitoring of CO2 underground storage (at depth of 800 to 1500m)

**Technology keywords:**

Water Treatment: Saline intrusion, Groundwater

**OFFER: KNOW HOW****Title:**

Dynamic management of salt intrusion into coastal water reservoirs.

**Detailed description:**

The principle behind our underground monitoring devices is to propose a close range, more targeted and tailored application using geophysical principles allowing: A high frequency approach - in time (daily) - in space (high frequency using decimetric scale) A remotely adaptable approach - in time (changes in frequencies) - in space (zooming on particular zone) - single reservoir analysis - no average measure (as is the case for piezometric approach) These in-situ and innovative devices for the monitoring of subsurface areas (0-250m) can offer: - high definition sampling capabilities - a wide range of measures - high frequency time series - rigorous repetitive measurements - no human intervention. They also provide site managers with the necessary data to enable them to take immediate decisions concerning: - the closer monitoring of resources - the detection of any abnormal variation - the prevention of deterioration - the accurate and efficient monitoring of remediation action.

**Collaboration Details:**

Others: potentials customers and business for Imageau.

**Type of partner sought:**

New clients to develop business

**SPAIN****Imex Embalaje SL****Sectors:**

Moulded gratings/tramex, ladders, handrails, gangways and other constructions tailored-made for the water treatment industries. A 100% ANTI-CORROSION PRODUCTS

**Technology keywords:**

Water Treatment: water pollution/treatment

**OFFER: TECHNOLOGY/INNOVATION****Title:**

ESCOM Company. GRP (Glass Fiber Reinforced Plastic) products and structures.

**Detailed description:**

Moulded gratings/tramex, ladders, handrails, gangways and other constructions tailored-made for the water treatment industries. A 100% ANTI-CORROSION PRODUCTS WITHOUT MAINTENANCE. Our 'know-how' includes two basic and different GRP (Glass Fiber Reinforced Plastic) lines: moulded gratings/tramex and structural profiles, ladders, handrails, gangways and other constructions tailored-made for the industry in general.

**Collaboration Details:**

Commercial agreement.

**Type of partner sought:**

Water treatment companies, maintenance and support companies to the water treatments industries.

**FRANCE****ISB WATER****Sectors:**

ISB WATER Technology for water and environment. Our solutions are designed for the residential, commercial and industrial water treatment. We provide patented chemical free water treatment technology to remove scale, corrosion, process water, waste water, purification, potabilisation. Certified by European standards: (FRANCE) ACS, (Germany) RWTUV GS, (UK) WRAS, technologies such as ISB® respect legal obligations of health guidelines.

**Technology keywords:**

Water Treatment: Groundwater, Water Pollution / Treatment, Reused water.

Market keywords: Water treatment equipment and waste disposal systems.

Water and new energies: Process optimization, waste heat utilization, Energy management.

Support technologies: Environmental Engineering / Technology, Filtration and Membrane Processes.

**OFFER: TECHNOLOGY/INNOVATION****Title:**

ION Scalebuster® - Physical water conditioner to inhibit and remove scale and or corrosion in various systems.

**Detailed description:**

The basic and primary function of the ION Scalebuster® as a physical water conditioner is to inhibit and remove scale and or corrosion in general pipe-work, heating and plumbing equipment, appliances and processing equipment. By removing scale and corrosion in various systems the quantity of chemicals used can be reduced yet remain effective. Once the scale, corrosion and associated debris is removed from the system, existing treatment chemicals can often be replaced by environmentally sound alternatives. The range of applications to which ION Scalebuster® can be used is extensive. Experience of the past 18 years with the ISB® technology shows that the fundamental requirements vary depending on water systems, system layout and equipment to be protected. The requirements will also vary depending on whether the product is for new construction or refurbishment of an existing system. Main advantages are : - Reduced operating costs - Increased equipment lifespan - Reduction in maintenance - Reduction in down time - Reduction in energy use - Reduction of chemical handling - Improvement of health and safety issues.

**Collaboration Details:**

Technical Co-operation, Commercial Agreement, Research Cooperation

**Type of partner sought:**

Technical and research partners as well as commercial agreements.

**ITALY****Istituto di Chimica e Tecnologia dei Polimeri****Sectors:**

research. Synthesis and characterization of innovative plastic materials. Design of packagings according to end-uses. Plastic films for agriculture, biomedical, packagings. Sustainable management of plastics. Use of natural sources for substituting classical plastics. Technology transfer

**Technology keywords:**

Water treatment: wáter pollution/treatment, Groundwater.

Support technologies: environmental engineering/technology.

Market keywords: horticulture, agriculture technolgy (irrigation).

**OFFER: KNOW HOW****Title:**

Innovative films for protected cultivations (greenhouses, tunnel and mulching) aiming to reduce water consumption in agriculture

**Detailed description:**

We are a research center specialized in polymers. Since almost 20 years we research on the use of plastic films for modern sustainable agriculture. Plastic films for greenhouses, for tunnel and for mulching have tremendously changed crop production industry. In cooperation with an israelian company, we have developed films for the previous applications very selective for crop and season. Among other effects, they are able to reduce water use and water loss up to 50 %. The investment costs are hence well paid back by the several earnings, in terms of better and earlier production, reduce chemical for herbicides and insecticides, strongly reduced water uptake.

**Collaboration Details:**

Financial Resources, Research Cooperation, Technical Co-operation

**Type of partner sought:**

The technology applies in industrial area of agricultural production (flowers and vegetables). We look for partner in Universities (agro-science) for the testing of the films and for the submission of EU or national proposals for funding. We also look for Associations of Agro Companies for the exploitation of the technology among their partners.

## COMPANY PROFILE

### SPAIN

### ITC S.L

**Sectors:**

We are the only Spanish dosing pump manufacturer. We produce piston, diaphragm and electromagnetic pumps. We have also developed fertigation controllers specifically designed for such application. Our pumps can also be used in any kind of water treatment (drinking water, waste water-) with suitable controllers. All the products have been developed by our R&D department, also able to adapt standard product to specific customer needs

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater, Groundwater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Horticulture, Water, sewerage, chemical and solid waste treatment plants, Agriculture technology (irrigation).

### OFFER: TECHNOLOGY/INNOVATION

**Title:**

DOSING EQUIPMENT FOR AGRICULTURE AND WATER TREATMENT

**Detailed description:**

For more than 20 years ITC has been producing dosing pumps. With our piston or diaphragm pumps we cover the range 2-2500 l/h with pressures ranging 3-20bar. We produce also controllers, either specific for fertigation purposes (we are the only pump producer with controllers specially designed for agriculture) or for water treatment. Recently we have developed an amperometric sensor for free chlorine which can be used in a wide range of applications: drinking water, cooling towers, swimming pools, wastewater treatment,-

**Collaboration Details:**

Commercial Agreement, Others

**Type of partner sought:**

We are looking for companies with some experience in the fields our products can be used. We want them to become our local partners to introduce our products in their local market.

## COMPANY PROFILE

### TUNISIA

### KHRYSTAL

**Sectors:**

Environment - Waste Water treatment. Production: - Fine screen; - Conveyor with shaftless screw - Compactor with shaftless screw - Classifier with shaftless screw - Dynamic sand filter with permanent sand recirculation.

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants

### REQUEST: TECHNOLOGY/INNOVATION

**Title:**

Liquid and Solid separation for Waste Water Treatment

**Detailed description:**

We are looking for innovative and modern equipments in the field of Separation of liquid and solid. We are interested in sand filters with permanent circulation, sand classifier, fine screen

**Collaboration Details:**

Manufacturing Agreement, Commercial Agreement

**Type of partner sought:**

We are looking for producer, suppliers of new technologies and consulting companies.

**TUNISIA****KHRYSTAL**

**Sectors:** Environment - Waste Water treatment. Production: - Fine screen; - Conveyor with shaftless screw - Compactor with shaftless screw - Classifier with shaftless screw - Dynamic sand filter with permanent sand recirculation.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants

**OFFER: TECHNOLOGY/INNOVATION**

**Title:** Screens, sand filters, classifiers and compactors

**Detailed description:** We are expert in the field of separation of liquid and solid in waste water treatment. We produce fine screens, classifiers with shaftless screw and dynamic sandfilter with permanent sand recirculation.

**Collaboration Details:** Manufacturing Agreement, Commercial Agreement

**Type of partner sought:** Resellers and Distributor.

**FRANCE****L'Eau Pure**

**Sectors:** Water Treatment L'Eau Pure is 40 years experienced French company specialized in water treatment for communities and industries. With 6 agencies in FRANCE (Lille, Paris, Nancy, Lons, Bordeaux, Rennes) and 6 subsidiaries abroad (Acuaterra in Chile, Archetype in Vietnam, Maghreb), it works all around the world. L-EAU PURE exports its know-how in particular in the Maghreb, in Vietnam and in Chile on French financing. Our products are developed in the fields of the drinking water, urban waste water and industrial one in FRANCE and abroad. Systematically, L-Eau Pure propose to its customer an aftersales service about its plants (Maintenance contract Operating, Contracts for purification plants, Remote monitoring and remote management for the plants, Tests pilot)

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater, groundwater.

Market keywords: Water treatment equipment and waste disposal systems.

**OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW**

**Title:** Water treatment in drinking water, urban waste water and industrial one.

**Detailed description:** 1. Activities : Drinking water, Urban waste waters, Industrial Waters, Pumping / Rain and overflow treatment, BIOGAS, Trade, Services, R&D, Arsenic removal 2. Our technology offers : - to the small and middle-sized government agency original solutions of treatment for urban waste water (Oxylag, Oxybatch, Bio filtration plant - for drinking water : classical and specific treatments, disinfection, Compact drinking water plant - for industrial waters : Membrane Bioreactor, Duomem, Pre-treatment for process water, Recycling of degreasing baths 3. Our technology is adapted to rural communities (Oxylag), well adapted to the lack of floor footprint (Oxybatc). L-Eau Pure is specialist for the Arsenic removal and for the BIOGAS. These installations are adapted to the constraints (standards of rejection, hold on the floor investment costs, operating constraints). Our compact station are easy to install and maintain.

**Collaboration Details:** Research Cooperation, Technical Co-operation

**Type of partner sought:** A strong commercial and technical basis located in following countries: Egypt, Libya and TUNISIA

## COMPANY PROFILE

### ITALY

#### Latium Vetiver

**Sectors:** Environmental intervention and Phytoremediation with a practicable and cost effective solution Consulting, plant supply and work execution related to Vetiver Technology (VT) for environmental purposes.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater, Groundwater,  
Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants, Natural disasters, Agriculture technology (irrigation),  
Support technologies: Environmental Engineering / Technology, Filtration and Membrane Processes.

### OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:** Global water treatment systems and pollution management via Vetiver Technology

**Detailed description:** The Company is specialized in waste water treatment based on a new, green, environmentally friendly, low cost and innovative technology which takes advantage of the powerful action of Vetiver Grass to remove the main kinds of pollutants from water, land and air, including carbon dioxide sequestration. Its end-product has a number of uses, among which are the production of energy and gas, animal fodder and material for organic farming. Vetiver Technology has a wide range of applications and represents an affordable solution for sustainable water system management, such as: Industrial and Urban Wastewater Treatment; Environmental Protection (water flow control, prevention of rainfall and water erosion, tackling surface water flooding.); Treatment of Contaminated Soil and Water (achieving and maintaining a clean and well-managed water environment, including lakes, reservoirs, rivers, wetlands, groundwater and estuaries and coastal waters); Aquaculture Sludge Removal and Stabilization within Created Wetlands. The company offers technology consulting, vetiver plant supply and/or work execution including water and sewage treatment

**Collaboration Details:** Commercial Agreement, Financial Resources, Technical Co-operation, Joint Venture Agreement, Research Cooperation

**Type of partner sought:** Areas of applications and profile of the partner sought: The company works on three different action plans:  
1) providing solutions and supplies for farms and rural residences related to wastewater treatment and water pollution removal which allows for re-use of treated waste water ;

2) providing solutions and supplies in urban areas, both in the phase of pre-treatment of wastewater before it reaches a waste treatment plant to reduce the pollution level and when it leaves the plant, before it reaches the receiving areas (e.g. rivers, canals, lakes), for the final safety filtering to insure maximum environmental protection;

3) providing solutions and supplies at the level of river basins and at an international level in accordance with the EU Commission aims and together with European partners. The company is looking for the following partner profiles:

1) Companies working in the construction field interested in selling the technology for the first and second action plans, and universities interested in research and monitoring to certify developments in the technology ;

2) Chambers of Commerce in EU States interested in developing a plan for pollution reduction in the Black Sea with a system mainly based on phytoremediation of the Danube River (which is the main cause of Black Sea pollution) via Vetiver Technology, to reduce the level of pollution of the 2500 cubic kilometers of polluted water that every year reaches the Mediterranean Sea, which is also a closed sea, and, if there is no intervention, is condemned to the same ineluctable destiny.

## COMPANY PROFILE

### ALGERIA

#### Maghreb Pipe sarl

**Sectors:** Maghreb Pipe sarl manufactures and markets GRP (glassfiber reinforced plastics) pipe systems, for sewage, potable water, irrigation, drainage, hydro power, thermal power cooling and industry applications.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

### OFFER: TECHNOLOGY/INNOVATION

**Title:** Glass Reinforced Fiber Pipes Systems for Water and industrial applications.

**Detailed description:** MAGHREB PIPE manufactured using the continuous advancing mandrel process, which represents the state of the art in GRP pipe production. This process allows the use of continuous glass fiber reinforcements in the circumferential direction. For a pressure pipe or buried conduit, the principle stress is in the circumferential direction, thus incorporating continuous reinforcements in this direction yields a higher performing product at a lower cost. Using technology developed by material specialists, a very dense laminate is created that maximises the contribution from three basic raw materials. Both continuous glass fiber roving and choppable roving are incorporated for high hoop strength and axial reinforcement. A sand fortifier is used to provide increased stiffness by adding extra thickness, placed near the neutral axis in the core. With MAGHREB PIPE dual resin delivery system, the equipment has the capability of applying a special inner resin liner for severe corrosive applications while utilizing a less costly resin for the structural and outer portion of the laminate. Taking advantage of the winding process, other materials, such as a glass veil or polyester veil can be used to enhance the abrasion resistance and the finishing of the pipe.

**Collaboration Details:** Licence Agreement, commercial agreement, financial resources

**Type of partner sought:** Market of GRP products; Suppliers of know how for technologically advanced machinery for the production of pipes made of glass fiber reinforced plastic.

## COMPANY PROFILE

### ITALY

#### Naples Syndacate for Sewage Depuration

**Sectors:** Water treatment depuration. The company is looking for a technology/methodology able to reuse muds obtained by the purification process. The company is interested in any technology firm/research center with know-how/expertise in reuse muds for energetic purpose

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Recycled wastewater

### OFFER: KNOW HOW

**Title:** Technologies or expertise in muds reuse for energetic purpose

**Detailed description:** Our Consortium operates in the sector of urban sewage purification plants. We are interested in Innovative Technologies concerning the reutilization of water used for agricultural and civil use, as well as to the reuse of sludge deriving from purification plants. Our main aim is to create an Integrated Water System: a single operator for aqueducts, sewer systems and purification plants. Innovative Technologies to be implemented could be: a) complete automation of the purification cycle b) automatic control of sewers to 'discover' in real-time illegal inflows Advantages: Process improvement, in terms of inexpensiveness and quality.

**Collaboration Details:** Technical Co-operation, Joint Venture Agreement

**Type of partner sought:** Technological companies or research centers

## COMPANY PROFILE

### ALGERIA

#### National Eau et Environnement (NEE)

**Sectors:** water, wastewater and environmental audit & remediation. Our company is specialised in water treatment and desalination, sewage treatment for reuse, distribution networks, irrigated perimeters, construction audits & impact quantification.

**Technology keywords:** Water Treatment: Recycled wastewater.

**Market keywords:** Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

### REQUEST: TECHNOLOGY/INNOVATION

**Title:** Wastewater treatment for reuse in irrigation

**Detailed description:** We are looking for latest developments in: - water and wastewater treatment technology (process and equipment) - solar power for sewage treatment plants.

**Collaboration Details:** License Agreement, Technical Co-operation, Joint Venture Agreement

**Type of partner sought:** We are looking for suppliers and producers of goods in the field of water and wastewater treatment, as well as sewage treatment plants.

COMPANY PROFILE

FRANCE

Nke Electronics

**Sectors:** Heating control. We design and supply real time sea water instrumentation loggers and systems ; the products are loggers, profilers sending datas by GPRS or satellite links; they are used for fishing, bath water, scientific, etc. Electronic heating control products for new energy like heating pumps , solar, etc.

**Technology keywords:** Support technologies: sensor technology related to measurements, analysis/test facilities and methods.

OFFER: TECHNOLOGY/INNOVATION

**Title:** Knowledge by using various sensors

**Detailed description:** To collect datas and make them available in real time on far away PCs (www.nke.fr)

**Collaboration Details:** License Agreement, Technical Co-operation, Research Cooperation, Commercial Agreement, Joint Venture Agreement

**Type of partner sought:** partnership or contractual agreement.

COMPANY PROFILE

FRANCE

Nke Electronics

**Sectors:** Heating control. We design and supply real time sea water instrumentation loggers and systems ; the products are loggers, profilers sending datas by GPRS or satellite links; they are used for fishing, bath water, scientific, etc. Electronic heating control products for new energy like heating pumps , solar, etc.

**Technology keywords:** Support technologies: sensor technology related to measurements, analysis/test facilities and methods.

REQUEST: EU RTD RESULT

**Title:** New sensors for oceanography

**Detailed description:** New sensors for oceanography

**Collaboration Details:** License Agreement, Joint Venture Agreement, Research Cooperation, Technical Co-operation, Commercial Agreement

**Type of partner sought:** partnership or contractual agreement

## COMPANY PROFILE

### ITALY

#### OCEANIX S.r.l.

**Sectors:** OCEANIX is a contracting company providing professional services in the field of marine and technologies and offshore engineering activities. We provide marine geophysical and environmental surveys and technical support services worldwide to companies and organisations operating in any marine or aquatic environment. Our reference markets include: renewable energies in marine/aquatic environments, offshore oil & gas, submarine cables, port and coastal, environmental protection, scientific research, underwater archaeology, inland waters, marine technologies and other related businesses.

**Technology keywords:** Water and new energies: Hydro power, Unconventional and alternative energy.

Support technologies: Environmental Engineering / Technology.

### OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:** Marine & Environmental Surveys & Technologies

**Detailed description:** Studies, Services & Technologies related to Marine & Environmental Sciences in any marine and aquatic environments for various applications, including: nearshore and offshore structures design & installation, renewable energies, environmental protection, underwater cables & pipelines, oil & gas industry, etc. Utilized technologies includes: DGPS positioning techniques, multi-beam and single-beam echosounders, side scan sonars, sub-bottom profilers, seabed sampling systems, underwater robotics (ROV - Remotely Operated Vehicles), geographic information systems (GIS), digital data processing & charting systems, etc.

**Collaboration Details:** Commercial Agreement.

**Type of partner sought:** Companies & operators with interests/operations in any marine or aquatic environment, including: nearshore and offshore construction companies, environmental authorities, marine/aquatic renewable energies companies, submarine cabling companies, oil & gas industry companies, etc.

## COMPANY PROFILE

### FRANCE

#### Pole Mer PACA

**Sectors:** Marine technologies : Maritime protection, Prevention of environmental risks, Naval innovation, Deep offshore, Sustainable fish farming, Water management in coastal zone, Harbor of tomorrow, Services for the strategy on the marine environment, Renewable marine energy, Blue biotechnology.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Saline intrusion, Reused water, Recycled wastewater, Groundwater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Natural disasters.

Water and new energies: Hydro power, Process optimization, waste heat utilization, Unconventional and alternative energy, Liquid biomass.

Support technologies: Environmental Engineering / Technology, Analyses/test facilities and methods, Chemical material testing, Filtration and Membrane Processes, Sensor technology related to measurements.

### OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:** Sea Innovation and Business French Cluster.

**Detailed description:** The Cluster Pole Mer PACA is a French Cluster gathering 260 members (combination of companies, training countries and public and private research centers). 5 thematic areas are covered : maritime safety and security ship and nautical industry ocean energy resources marine biological resources environment and coastal engineering Its missions : - To create synergies around common innovative maritime projects in a given geographical area - To get an international competitiveness and visibility - To develop cooperation agreements with other clusters.

**Collaboration Details:** Commercial Agreement, Financial Resources, Technical Co-operation, Research Cooperation

**Type of partner sought:** Profile of the partners sought : companies, training centers, public and private research centers, clusters.

**FRANCE****Prisma Automation****Sectors:**

Prisma Automation is a renowned industrial instrumentation and system engineering company based in Marseille, Southern FRANCE. Prisma Automation has a subsidiary in ALGERIA. We offer you a wide range of products in Industrial Instrumentation, Supervision, Process Automation, Calibration, Industrial Analysis fields, but also natural gas and oil fluids Metering systems.

**Technology keywords:**

Water and new energies: Process optimization, waste heat utilization, Energy management.

Support technologies: Sensor technology related to measurements.

**OFFER: KNOW HOW****Title:**

Instrumentation - Supervision - Industrial Computing

**Detailed description:**

Prisma Automation provides its clients with Supervision software. This software called Web Access is using a standard Web browser. Users can view and control automation equipment used in industrial, manufacturing, process and building automation systems. Data is displayed to users in real-time with dynamically updated graphics using full-motion animation. Prisma-s activity also includes natural gas and oil fluids Metering systems.

**Collaboration Details:**

Commercial Agreement

**Type of partner sought:**

Resellers and integrators.

**ALGERIA****PROGRESS sarl****Sectors:**

Hydraulic and Computing Sector. PROGRESS, company of engineering consultants, independent, subscriber solemnly his mission in the engineering of the water, the software and the diverse technical studies. The essential asset of PROGRESS sarl stands in the skills of his staff - 2 engineering consulting firms - assuring complementary activities of hydraulic engineering and applied computing. 1 - Engineering Consulting firm techniques has for faculty: -hydraulic studies (the drinkable water supply, purification); study of water-treatment plant of waste, reserved collinaire water etc.) - Supervision of Hydraulic works;-Edition of numeric data (database). 2 - Office of technical computing has for mission: - Electronic elaboration of geographical information system, information system of company and management of data; - Conception of technical software CAO/DAO e SIG of help to the decision; - Development of software packages of modeling and digital simulation of the hydraulic arrangements networks of drinking water.

**Technology keywords:**

Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater

**OFFER: TECHNOLOGY/INNOVATION AND KNOW HOW****Title:**

Geographical Information System in the field of Hydraulic studies and realization.

**Detailed description:**

Our area of expertise is Engineering of the information systems of the SIG in the projects of Hydraulic Studies and realization. Our technology can be used for calculation of the Hydraulic Systems and the management of the space. Strong request of mastery of the hydraulic systems.

**Collaboration Details:**

Technical Co-operation

**Type of partner sought:**

- studies, control and supervision of hydraulic works, - development of application softwares profession SIG for sectors hydraulic public works (TPH)

## COMPANY PROFILE

### ALGERIA

**Sectors:**

**Technology keywords:**

### R.M.I.E.A Sarl

Provision of services bound to the water treatment.

Water Treatment: Water Pollution / Treatment.

Market keywords: Water treatment equipment and waste disposal systems.

Water and new energies: Unconventional and alternative energy.

Support technologies: Environmental Engineering / Technology.

### REQUEST: TECHNOLOGY/INNOVATION

**Title:**

Assembly of equipments, assistance and exploitation of water purification platforms in ALGERIA.

**Detailed description:**

We are looking for suppliers of hydraulic, electro-mechanics, electric, automatics equipments in the field of water purification.

**Collaboration Details:**

Research cooperation, technical cooperation, commercial agreement.

**Type of partner sought:**

The partners that we seek are specialized in the water treatment plants.

## COMPANY PROFILE

### ALGERIA

**Sectors:**

**Technology keywords:**

### R.M.I.E.A Sarl

Provision of services bound to the water treatment.

Water Treatment: Water Pollution / Treatment.

Market keywords: Water treatment equipment and waste disposal systems.

Water and new energies: Unconventional and alternative energy.

Support technologies: Environmental Engineering / Technology.

### OFFER: KNOW HOW

**Title:**

Water purification platform.

**Detailed description:**

We offer subcontract for assembly, assistance, start up and use of water purification platform.

**Collaboration Details:**

Research cooperation, Technical cooperation, commercial agreement.

**Type of partner sought:**

Partners specialised in water treatment plant.

## COMPANY PROFILE

### ALGERIA

#### RAHAL OTHMANE Promotion

**Sectors:** Our company is specialised in the field of construction, but we have a branch specialised in water treatment. We work in the sector of desalination, purification, water treatment.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems.

### REQUEST: TECHNOLOGY/INNOVATION

**Title:** Construction and water treatment systems.

**Detailed description:** We are looking for innovative and modern technologies in the field of desalination, depuration and water treatment.

**Collaboration Details:** Commercial Agreement, Technical Co-operation

**Type of partner sought:** Our partner should be a supplier, a producer, a distributor of innovative materials, machines, new techniques and systems in the field of depuration, desalination and water treatment.

## COMPANY PROFILE

### FRANCE

#### S.I.T.T.E

**Sectors:** Specialized in the performance of service for the follow-ups of new building site and/or restoration of purification plant and/or treatment of water, mainly by activated sludge. All trade associations. Supervisions of the assembly of electromechanical materials, ventilleries various, etc for station of treatment and/or purification of water, stopping (retained water), channels (valve bells, lock lockgates, hydraulics). Study of realization, purchase, and installation stations of treatment by biodisques from 300 to 1.500 EH. And in rule general all work in connection with water.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

### OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:** Supervision of building site purification plant/treatment of water and installation after study of purification plant by biodisque

## COMPANY PROFILE

### Detailed description:

externalisation of the missions of supervisions, assembly and expertise. indeed this brings the flexibility necessary to the contractual contexts, but also a new glance which leads to solutions to the encountered problems or modifications practical.

SCOPES OF APPLICATION Since many years, the system was brought into service to treat domestic effluents and industrial waste water strongly charged in pollution, such ques: - urban effluents - dairies, cheese dairies - wine effluents - paper mills - industries oil - textile industries - hospital - hotels, camp-sites - drug companies - staff canteens - photo laboratories - surfaces of highway and service stations - agribusiness industries

ADVANTAGES Simplicity of operation By their opened structure, the bio-discs are non-blocking, they ensure purification without any adjustment, the bacteria in excess being taken down automatically with the current. A little qualified personnel is enough. Adaptation to the radial forces Reliability of the fixed culture, not very sensitive to the hydraulic variations. The process is not affected so less load during several hours or days. In the event of under load, only the first bio-discs are covered, when the load of pollution increases, the bacterial culture Re-colonizes the totality of the bio-discs gradually. Produced muds They are stored in the work of head several months and there undergo an anaerobic digestion with reduction of their volume, and increase in their dryness (up to 60 g/l) facilitating their agricultural valorisation. For a load of 8g DBO5/L. m<sup>2</sup> we have a rejection D4 (inf. 25 Mg DBO5). Quality of muds: the bacteria have a dense structure forming of the blocks with fast decantation. Speed, saving in installation The bio-discs are assembled in their tank in factory and their installation is done in a few hours, little civil engineering. Compact, flexible and extensive process. Good integration of the installation in the site (half-sunken version). Saving in operation For one 300 EH working installed capacity: 1,1 kw - absorptive power: 0,75 kw Absence of harmful effect No noises, vibrations, aerosols, odours, foams. Level of treatment The degree of abatement of organic pollution is flexible according to the specific charge (Cs) expressed in G DBO5/m<sup>2</sup> of surface of bio-discs. The D4 level is obtained at a temperature 13°C with a Cs of about 10 G DBO5/m<sup>2</sup>. The treatment of nitrogen, requires a Cs of about 4 G DBO5/m<sup>2</sup>. The physicochemical dephosphatation is obtained by simultaneous ferric chloride precipitation in the last stage of the bio-discs. WATER RECOVERY We can reflect to give in circuit treated water, for the watering of the green areas which does not require a water treated finely as for the golfs. This after a treatment either chlorine or by the passage under lamps with ultra-violet. We can think, also, of re-using this water for the tanks of flushings of the toilets, naturally after a treatment like above. That implies to envisage during construction, for example, of the vacation village, an additional circuit. The economies generated by this recovery are not négligables and the quickly recovered investment. A circuit can be set up on the site for the rinsing of the material in place, and the washing of the station. Can be a station to wash the vehicles? By the rotation of the discs, a possibility of unbalance can occur. The installation of a bar rinsing, ordered by a detector of unbalance and an electromagnetic sluice gate of food can be envisagable. Cost Finished station, it is necessary to count an average of 1.000 - by EH (in FRANCE). Naturally the hired labor charges in FRANCE and in MOROCCO are not comparable, as well as the various taxes.

### Collaboration Details:

Commercial Agreement, Technical Co-operation

### Type of partner sought:

I seek a partnership with the communes (villages, holiday camps, etc) like with manufacturers of station of treatment of water for the cities (competences up to 30.000 EH, to see more).

## COMPANY PROFILE

### FRANCE

#### Sectors:

### SAUR

Services to municipalities and industrials in the sectors of : water, wastewater, engineering, waste (collection, recycling), works, maintenance & refurbishment of buildings, management of leisure facilities.

#### Technology keywords:

Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater, Groundwater.

Support technologies: Analyses/test facilities and methods, Filtration and Membrane Processes.

### OFFER: KNOW HOW

#### Title:

Services to Municipalities and Industry for water, engineering, wastewater, coastal waters and leisure services (bathing water).

#### Detailed description:

Since 1933 SAUR is operating services for municipalities and industrials in FRANCE and worldwide (Argentina, Poland, SPAIN, Cyprus, Armenia, Saudi Arabia) for 12.5 inhabitants such as : water, wastewater, engineering, works, waste, leisure facilities, training and transfer of know-how. Saur is also the specialist of rural cities and is a major operator of middle size and coastal cities. For the latter a specific offer -OMER- that includes: 1. Monitoring and classification for the quality of bathing waters, coastal and recreational waters, 2. Analysis of « permeability » of the beaches, 3. Identification and implementation of a plan of actions in case of environmental risks, 4. Information to the public, 5. -Quality label- awarded for implementing the various steps. For example, OMER- system enables 48 hour weather forecast and correlated potential incidents/pollution that might affect bathing areas,.

#### Collaboration Details:

Commercial Agreement, Technical Co-operation, Joint Venture Agreement

#### Type of partner sought:

Public authorities, private companies and industrials.

## COMPANY PROFILE

### FRANCE

#### Sectors:

Services to municipalities and industrials in the sectors of : water, wastewater, engineering, waste (collection, recycling), works, maintenance & refurbishment of buildings, management of leisure facilities.

#### Technology keywords:

Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater, Groundwater.

Support technologies: Analyses/test facilities and methods, Filtration and Membrane Processes.

### OFFER: KNOW HOW

#### Title:

Engineering for water and wastewater treatment plants from conception to commissioning, for public authorities and industry.

#### Detailed description:

Since 1933 SAUR is operating services for municipalities and industrials in FRANCE and worldwide -such as water, wastewater, engineering, works, waste, leisure facilities, training and transfer of know-how. Through its subsidiary STEREAU, SAUR proposes a complete offer : engineering for water and wastewater treatment plants from conception to commissioning, for public authorities and industry. Stereau's technicians and engineers are expert in design, execution and commissioning and fully benefit from Saur's internal expertise : chemistry, biology, mechanics, electricity, automatism, hydraulic, aerualics, civil and building engineering, Instrumentation. Example of Cyprus: in Nicosia, Stereau has won the conception and operation of the wastewater treatment plant of 400.000 pe with membrane process, the most-adapted technology for the water reuse, a vital stake for hydric stressed regions. Idagua company : Stereau-s solution to industrial issues .Through it s Spanish subsidiary (Idagua), Stereau designs for its customers, innovative and sustainable solutions in terms of process water treatment and wastewater recycling. Idagua designs, manufactures, establishes and commissions water treatment facilities for its industrial customers.

#### Collaboration Details:

Commercial Agreement, Technical Co-operation, Joint Venture Agreement

#### Type of partner sought:

Public authorities, private companies and industrials.

### SAUR

## COMPANY PROFILE

### ALGERIA

#### Sectors:

The main product of the company is drinking water. We supply the capital, Alger.

#### Technology keywords:

Water Treatment: Water Pollution / Treatment, Measurement and Detection of pollution.

Support technologies: Filtration and Membrane Processes.

### SEAAL

### REQUEST: TECHNOLOGY/INNOVATION

#### Title:

Water treatment, desalination, pipe corrosion

#### Detailed description:

Our area of expertise is water treatment, process of water treatment plant, desalination of sea water by reverse osmosis and impact of the water quality on pipe and pipe corrosion.

#### Collaboration Details:

Technical cooperation.

#### Type of partner sought:

The profile of the partner sought will be on water treatment field, desalination by reverse osmosis, and pipe corrosion.

## COMPANY PROFILE

### TUNISIA

### SEGOR

**Sectors:** Management and operation of works and equipments of the solid (transfert centers and controlled dumps/landfill) and fluid (sewerage networks, pumping and treatment plant wastes).

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Saline intrusion, Reused water, Recycled wastewater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

Water and new energies: Liquid biomass.

Support technologies: Filtration and Membrane Processes.

### REQUEST: TECHNOLOGY/INNOVATION

**Title:** Exploitation, treatment, purification of water.

**Detailed description:** We are looking for european partners (big companies, realizers, engineers) to collaborate in the realisation of different projects in Maghreb countries and french speaking African Countries. Projects will be in the field of exploitation, treatment and purification of water.

**Collaboration Details:** Technical cooperation, joint venture agreement

**Type of partner sought:** Partnership or contractual agreement.

## COMPANY PROFILE

### SPAIN

### SISTEMA AZUD S.A

**Sectors:** Manufacturers of disc filters, either manual and automatic. Mechanical filters to protect UV Lamps, RO Membranes, UF Membranes, Cooling Towers, etc- High technology filters, able to replace sand filters and specially designed to solve problems on the water related with TSS on the water. Technical plastics able to work with sea water, high temperature, high pressure, low pressure, air added backwash, etc..

**Technology keywords:** Water Treatment: Reused water, Recycled wastewater, Groundwater.

Market keywords: Water treatment equipment and waste disposal systems, Horticulture, Agriculture technology (irrigation).

### OFFER: TECHNOLOGY/INNOVATION

**Title:** MECHANICAL FILTERS TO REMOVE SUSPENDED SOLIDS ON THE WATER. DESALINATION PLANTS, UF PROCESSES, RO PROTECTION.

**Detailed description:** Disc technology used for: - Process water - CT - UF Protection - RO Protection - Waste Water - Drinking Water - Sea Water

**Collaboration Details:** Commercial Agreement, Joint Venture Agreement, Research Cooperation

**Type of partner sought:** We are looking for local partners to promote our products locally. Engineering, end users, private companies, etc- As well, agents would be also appreciated.

## FRANCE

### Société des Eaux de Marseille

**Sectors:** Water utility company

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Reused water, Recycled wastewater, Groundwater, Measurement and Detection of pollution.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

Support technologies: Environmental Engineering / Technology, Analyses/test facilities and methods, Sensor technology related to measurements.

## OFFER: TECHNOLOGY/INNOVATION AND KNOW HOW

**Title:** Water treatments and solutions for industrial or Water Public Utility companies.

**Detailed description:** The proposer, SEM, is the Water Public Utility company for Water treatments for the whole city of Marseilles. The company proposes its expertise in different know-how and markets: - Water treatment - Wastes treatments: solid / industrial / liquid effluents - Environmental engineering - Support activities as IT developments applied to its products and services.

**Collaboration Details:** Commercial Agreement, Technical Co-operation

**Type of partner sought:** The company is opened on new markets opportunities with companies from Southern Europe and Magreb and also in partnership as outsourcing of industrial water Systems.

## ALGERIA

### STAM ENVIRONMENT

**Sectors:** Maritime works services. Realization of stations of desalination. Maritime works in the field of ports.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Saline intrusion.

Water and new energies: Hydro power, Energy management.

## REQUEST: TECHNOLOGY/INNOVATION

**Title:** Realization of Stations of desalination of average quantity

**Detailed description:** We look for technical and commercial partners in the field of the construction of the stations of desalination of sea water of average quantity.  
 Process of pumping of the sea water  
 Process of Evacuation of the sea water towards the station

Partners in the technique of the inverse plasmolys

**Collaboration Details:** Commercial Agreement, technical cooperation.

**Type of partner sought:** Suppliers of technologies in the field of desalination and inverse plasmolys.

## COMPANY PROFILE

### ALGERIA

### STAM ENVIRONMENT

**Sectors:** Maritime works services. Realization of stations of desalination. Maritime works in the field of ports.

**Technology keywords:** Water Treatment: Water Pollution / Treatment, Saline intrusion.

Water and new energies: Hydro power, Energy management.

### OFFER: TECHNOLOGY/INNOVATION

**Title:** Maritime works and construction of ports.

**Detailed description:** We offer Know how and expertise in the field of the maritime works (construction of port)

**Collaboration Details:** Commercial Agreement, technical cooperation.

**Type of partner sought:** Construction companies and enterprises in the maritime field.

## COMPANY PROFILE

### ITALY

### SYSTEA

**Sectors:** SYSTEA S.p.A. is an Italian company which develops, manufactures and sells worldwide integrated solutions for analysis and on-line monitoring of complex chemical compounds in surface, drinking, waste water and sea water. Innovative technology, high quality standards and 20 years of experience allow Systea to propose a wide range of products with unique characteristics of sensitivity and flexibility, based on proprietary industrial patents. [www.systea.it](http://www.systea.it)

**Technology keywords:** Water Treatment: Measurement and Detection of pollution.

Support technologies: Analyses/test facilities and methods, Sensor technology related to measurements.

### OFFER: TECHNOLOGY/INNOVATION

**Title:** Instrumentation for water quality monitoring

**Detailed description:** Our laboratory routine analyzers, on-line and portable analyzers and innovative in-situ probes cover most of the needs for automatic and reliable automatic analysis of inorganic chemical compounds in water and water extracts. The technology can be used for waste water Treatment Plants outlet control, drinking water networks monitoring, industrial process control, sea water analysis We can offer multiparametric analysis capability, large number of available analytical methods / applications / parameters to be measured Long-term and high level know how to customize specific field applications, including integrated systems development.

**Collaboration Details:** Commercial agreement

**Type of partner sought:** Co Sales and after-sales services in waer monitoring and pollution control. mmercial agreement

## ITALY

## TECNAL SUD IMPIANTI S.R.L.

**Sectors:**

The TECNAL SUD IMPIANTI S.r.l. has been born in 2002 (already TECNAL SUD s.a.s. in the 1984) it has for object the construction, the installation and sale and relative management of fittings of treatment waters reflux and primary civilians and industrial. Point of strength of the TECNAL SUD IMPIANTI S.r.l. It is the ability to elaborate any solutions project suiting it for the specific demands of the client, thanks to ability of the qualified technical office highly. Other point of strength of the society is the full availability in the pos-sale and the monitoring of the cars, thanks to the formation of qualified personnel highly.

**Technology keywords:**

Water Treatment: Saline intrusion, Reused water, Recycled wastewater.

Support technologies: Analyses/test facilities and methods, Filtration and Membrane Processes, Sensor technology related to measurements.

Market keywords Water treatment equipment and waste disposal systems.

**OFFER: TECHNOLOGY/INNOVATION AND KNOW HOW****Title:**

Efficiency in water treatment

**Detailed description:**

1) Our area is everything regarding the treatment of water. 2) Tools we use are: ultrasonic sensors, pneumatic valves, tank fiberglass, steel, computer programming and engineering, equipment and everything which concerns a machine. 3) Our technology is economical and easy to install and much efficient and easy to manage especially for greater customer benefit.

**Collaboration Details:**

Commercial Agreement, Financial Resources, Technical Co-operation, Research Cooperation

**Type of partner sought:**

The areas of applications and profile of the partner sought it must be the area sale for our systems.

## ITALY

**University of Aversa  
Faculty of Engineering****Sectors:**

The training of the faculty has three degree courses in Engineering: Civil-Environmental, Aerospace-Mechanical, Electronics-Informatics. Inside there are the departments of Engineering: Aerospace-Mechanical, Civil (DIC) and Information and the Interdepartmental Center for Research in Environmental Engineering. Among the scientific activities of the DIC are of particular interest to water-related problems in its various implications for environmental technology and for those civilians.

**Technology keywords:**

Market keywords: Water, sewerage, chemical and solid waste treatment plants.

Support technologies: Environmental Engineering / Technology, Sensor technology related to measurements.

**OFFER: TECHNOLOGY/INNOVATION****Title:**

Use of fibre optics to detect leakage in the water distribution networks

**Detailed description:**

Thematic area: Sustainable development Leaks in water distribution networks are generally detected and located using conventional methods that involve time and costs. Therefore methods of automatic and permanent monitoring of networks are required. To obtain a monitoring of the water distribution network the project idea is the use of sensors in optical fibres. The optical fibre is inserted in the water distribution network and allows a monitoring of water distribution which can prevent crisis, localize and reduce leakage. The use of sensors in fibre optics which are permanently connected to a structure realize the so-called intelligent structures that are structures able to furnish information about their condition.

**Collaboration Details:**

Licence Agreement, Research Cooperation

**Type of partner sought:**

The target market for the product offered is substantial, we consider managers currently operating in relation to the service of water. The proposed product involves the manufacturers of pipes for water and the manufacturers of optical fibres.

## ITALY

## University of Studies of Napoli Chemical Engineering

**Sectors:** The Department is composed by 19 professors, 6 researchers, 25 post-doc researchers and 24 Ph.D students. The main activities at the Department are here listed. Biochemical engineering. Chemical and biotechnological remediation processes. Catalytic and enzymatic processes. Combustion: conventional and innovative solid/liquid/gas fuels. Development of chemical and biotechnological processes. Environmental engineering. Recycle and requalification of industrial wastes. Rheology and transport phenomena. Safety and risk analysis of chemical processes. Unit operations of the chemical engineering and of the industrial biotechnology.

**Technology keywords:** Water Treatment: Water Pollution / Treatment.

Support technologies: Environmental Engineering / Technology, Analyses/test facilities and methods.

Market keywords: Water, sewerage, chemical and solid waste treatment plants, Water treatment equipment and waste disposal systems.

### OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:** Chemical and biotechnological systems for (waste)water treatments

**Detailed description:** The DIC has distinguished since its foundation as a reference institution in the international scenario of Chemical Engineering with major contributions in several research fields as Combustion, Rheology, Fluidization, Catalysis, Biotechnology and Environmental Engineering. Main area of expertise are: Environmental Chemical Engineering. Hydrodynamics of multiphase flow. Unit operations. (Bio) reactor design. Analytical Chemistry. Supercritical Processes. Processes for waste and pollutant treatment. Chemical plants. Catalysis on Combustion. Process safety. Pyrolysis. Rheo-optics. Rheology. Biochemical Engineering. The technology can be used for: treatments (chemical and biotechnological processes) of polluted gas streams and wastewater streams; unconventional and alternative energy; process optimisation and waste heat utilisation; process and plant safety.

**Collaboration Details:** Research cooperation, technical cooperation.

**Type of partner sought:** Industrial partners interested in the development of innovative processes for the water remediation and reuse.

## ITALY

## University of Federico II CIRAM

**Sectors:** The C.I.R.A.M. (Interdepartmental Research Center -Environment-) has been established in accordance with the Italian law (art.89 of the D.P.R. 382/80 with D.R. n°9663 of 31/08/1992 with effect from 1st September of the same year). Objectives: the coordination of multidisciplinary research on environmental issues; scientific audit for local companies for a better territory management; organisation of scientific meetings to discuss concrete sustainable development proposals; spread of technological and scientific information in schools in order to promote among the citizens environmental awareness.

**Technology keywords:** Water and new energies: Hydro power, Unconventional and alternative energy, Energy management.

Support technologies: Environmental Engineering / Technology

### OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:** Energy production and recovery in water systems (WATERGY)

**Detailed description:** The application of reaction turbines or Pumps operating As Turbines (PATs) in water supply and distribution systems - instead of controlling hydraulic grade lines through pressure reducing valves - appears as an alternative and sustainable solution to either control network pressure as well to produce energy. WATERGY is therefore addressed to the development of renewable energy by means of electrical production from excess pressure in water systems, with no pollutant emissions and environmental impact. Even if the energy production of the single turbine or PAT device can be quite small, an extensive use of these systems could assure altogether a considerable potential power. Furthermore pressure reduction will allow, in addition to -in situ- energy production, a reduction of water leakages too and therefore a supplementary energy recovery in consequence of water volumes pumping decrease (-watergy- effectiveness).

**Collaboration Details:** Technical Co-operation, Research Cooperation

**Type of partner sought:** Water supply and distribution systems. Private or public water management companies.

## ITALY

## University of Naples Federico II Department of Hydraulics, Geotechnics and Environmental Engineering

**Sectors:** The Department of Hydraulics, Geotechnics and Environmental Engineering (DHGEE) is part of the University of Naples Federico II, and is involved in both education activities and research projects. The Environmental Engineering Section (EES) organizes classes and seminars in the following fields: Water Sanitation; Wastewater Treatment and Disposal; Solid Waste Treatment and Disposal; Soil Remediation. The research activity is carried out on the same topics, and includes both mathematical modelling and experimental activities at bench scale, pilot scale, and full scale.

**Technology keywords:** Water Treatment: Water Pollution / Treatment,

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants;

Support technologies: Environmental Engineering / Technology;

## OFFER: KNOW HOW

**Title:** Solid waste recovery for industrial wastewater treatment

**Detailed description:** Tannery wastewater requires an adequate treatment for chromium removal before discharge, to prevent environmental pollution. To front the problem precipitation processes, based on lime addition, are frequently adopted, because of their low cost. Nonetheless, due to the colloidal form of precipitates, these processes have to be carried out with great attention to reach required performances. An interesting alternative to precipitation processes is represented by adsorption of chromium on low cost-materials, especially if chromium can be recovered from produced sludges, regenerating the adsorbent, and reducing sludge toxicity. We propose the use of certain industrial waste (produced by food industries) as adsorbent, and a technical process to recover both the adsorbent and the chromium from sludges.

**Collaboration Details:** Research Cooperation

**Type of partner sought:** The proposed process can be of interest of tanneries and food industries. It can be also interesting for those involved in wastewater treatment. Finally it could be interesting to further develop the process, starting a collaboration with other research centres.

## ITALY

## University of Federico II Department of Organic Chemistry and Biochemistry

**Sectors:** BMA-DCOB group: the expert in microbial physiology-characterisation of lignino-cellulolytic enzymes-and biotechnological application The research group -Molecular and Environmental Biotechnology group (BMA Group)- belongs to the Department of Organic Chemistry and Biochemistry (DCOB) at the Federico II University. The DCOB employs a total of 80 members within full professors, associate professors, assistant professors, and junior researchers.

BMA Group has a long standing experience in protein chemistry, biochemistry and molecular biology (protein purification, enzyme characterization, gene and DNA cloning, recombinant expression, random and site-directed mutagenesis) and a consolidated expertise in fungal physiology, developing applications of fungi and their (free or immobilized) lignino-cellulolytic enzymes.

**Technology keywords:** Water and new energies: Unconventional and alternative energy. Support technologies; Environmental Engineering/ Technology.

## OFFER: TECHNOLOGY/INNOVATION

**Title:** Development of sustainable bioprocesses for lingo cellulosic wastes valorisation

**Detailed description:** Area of expertise or know how Characterization of fungal physiology, isolation and characterization of fungal lignino-cellulolytic enzymes, design of new better performing enzymes by random and site-directed mutagenesis, development of industrially and environmentally relevant applications of fungi and their (free or immobilized) lignino-cellulolytic enzymes What the technology can be used for? The aim of this proposal is to develop sustainable bioprocesses based on fungi and their enzymes to set up a zero-waste bio-refinery for conversion of lingo cellulosic wastes such as food-farming residues and organic fraction of urban wastes into high value products. The targeted marketable bio-products will include bio-colorants, bio-pesticides, enzymes, antioxidants, aromas and sugars for ethanol fuel production. What are the main advantages/requirements (faster, cheaper, easier to install and/or maintain, etc.) of the technology over other technologies ) Fungal solid-state fermentation allow -in situ- production of ligninolytic enzymes, reducing cost related to the use of purified enzymes and solving logistic problems connected to feedstock supply. The enzymatic offered process is based on the employment of new and better performing hydrolytic enzymes endowed with higher stability and higher catalytic efficiency, thus allowing efficient conversion of wastes at an industrial scale. The offered waste conversion processes will represent a sustainable system for waste management. The final goal will be the development of a zero-waste bio-refinery, in a process where wastes are transformed in high-added value products by means of the offered bio-processes, minimizing amounts of residues and optimizing economical and environmental aspects.

**Collaboration Details:** Joint Venture Agreement

**Type of partner sought:** Agro-industry; Food-farming industry; Industries that represent end-users of the bio-products produced by the offered processes, Biotech industries.

## ALGERIA

**Sectors:**

**Technology keywords:**

## Université de Tlemcen

**Scientific Research**

Water Treatment: Water Pollution / Treatment, Saline intrusion, Groundwater.

Market keywords: Water treatment equipment and waste disposal systems, Water, sewerage, chemical and solid waste treatment plants.

Water and new energies: Process optimization, waste heat utilization.

Support technologies: Environmental Engineering / Technology , Analyses/test facilities and methods, Chemical material testing, Filtration and Membrane Processes

### OFFER: TECHNOLOGY / INNOVATION AND KNOW HOW

**Title:**

Desalination of the sea and brackish water - Reverse osmosis technology.

**Detailed description:**

We work on desalination of sea and brackish by using reverse osmosis technology.

**Collaboration Details:**

Research Cooperation/Technical Co-operation.

**Type of partner sought:**

Partner specialised in water treatment and desalination. Collaboration and buyers for our products.

## FRANCE

**Sectors:**

**Technology keywords:**

## Universun

The company imports and distributes solar systems in FRANCE and other countries. The products (thermal and photovoltaic) are high quality standard and are produced by big multinationals. The company studies technical feasibility of projects and suggest means of finance. The company also works on big projects of installation.

Water and new energies: Energy management

### OFFER: KNOW HOW

**Title:**

Solar energy, thermal and photovoltaic

**Detailed description:**

The company executes technical studies, distribution and commercialization of solar systems. Application of our products : to create domestic hot water regarding thermal products , to produce electricity regarding photovoltaic products. Advantages of our products : Ecological, Cheaper on long term, Profitable (brings revenue if energy sold to electricity operator)

**Collaboration Details:**

Commercial Agreement, Research Cooperation

**Type of partner sought:**

- Distributors - Investors - Partners in solar energy industry - Partners in Real Estate industry

## COMPANY PROFILE

### TUNISIA

### WATEC Sarl

**Sectors:** water treatment

**Technology keywords:** Water Treatment: Water Pollution / Treatment.  
Water and new energies: Energy management.  
Market keywords: Water treatment equipment and waste disposal systems.

### REQUEST: TECHNOLOGY/INNOVATION

**Title:** Equipments and products of water treatment

**Detailed description:** we are looking for experts in the field of treatment and desalination of water. We are looking for new suppliers: - chemical products: anti corrosion and descaling products, - new equipments, technology, and know how in the field of water pollution treatment and energy management.

**Collaboration Details:** Research cooperation, comercial agreement.

**Type of partner sought:** Suppliers, Producers of Osmosis Products, membranes for desalination.

## COMPANY PROFILE

### TUNISIA

### WaterTech

**Sectors:** Industrial and water treatment consulting

**Technology keywords:** Market keywords: Water Pollution / Treatment, Saline intrusion, Reused water.  
Water Treatment: Water treatment equipment and waste disposal systems.

### REQUEST : KNOW HOW

**Title:** Industrial and Water Treatment Consulting

**Detailed description:** The main activity is in Projects Monitoring and Commissioning related to Water treatment plants: municipal water/sewage water/ osmoses plants/ anaerobic sludge treatment with gas energy recovering.

**Collaboration Details:** Looking for new technologies to be transmetted to my clients.

**Type of partner sought:** Projects Monitoring and Commissioning.

## FRANCE

## YOKOGAWA

**Sectors:** Equipment and services supplier on instrumentation and process control solutions.

**Technology keywords:** Support technologies: Sensor technology related to measurements.  
Water Treatment: Measurement and Detection of pollution.

## OFFER: TECHNOLOGY/INNOVATION

**Title:** Instrumentation and Control Systems solutions.

**Detailed description:** The company provides the following equipments and supplies services in : - Process Instrumentation , - Solution of complete DCS (Data collection System), - Control Systems and SCADA (Supervisory Control And Data Acquisition) solutions. For the following industries or sectors : Oil and gas - Refinery - Petro chemistry - Energy.

**Collaboration Details:** Commercial Agreement

**Type of partner sought:** Commercial partners.