



Main References



Comply with UNI EN ISO 9001:2015



A 120+ year long story, 35+ in Wastewater Treatment and Reuse

Joseph Egli Italia is an engineering and manufacturing company with 120+ story. 35+ of which in water and wastewater treatment and reuse plants supply.

The Company is supported by an International Investment Fund specializing in international "turnkey" projects in leading industrial groups. This strategic choice allows Joseph Egli to start a growth program in the water treatment sector and plan important investments in research and development.

High technology and automation: MyJei, simple management of complex systems

Over the years it has consolidated its know-how in the application of biological treatments (anaerobic and aerobic, submerged aerobic biofiltration, SBR, MBR, MBBR), chemicalphysical (hydrodynamic cavitation, electrochemical processes, anodic oxidation, electrocoagulation, Fenton, Ozonation) up to treatment with ultrafiltration and reverse osmosis processes aimed at achieving Zero Liquid Discharge.

Guidelines to develop the projects are reduced space, maximal process efficiency, minimal running costs, minimal chemicals requirements, reduced sludge production, high efficiency for colour removal automatic process.

In the Joseph Egli philosophy, high automation is considered necessary to minimize the risk of human errors, optimize consumption, increase safety and give customers the ability to easily manage complex systems.

This is why Joseph Egli has developed MyJei, the automation system that allows you to manage your systems directly from your Smartphone or PC.

Joseph Egli is a Manufacturer

The Company carries out its projects internally and through a network of Suppliers selected and certified

according to internal standards. The HQ and the production plant are based in Dueville (Vicenza, Italy).

All activities, from design, production, installation up to commercial and after-sales services are certified according to UNI EN ISO 9001 : 2015 (Certificate n. 50 100 14818).

High Performances: ZHDC Compliant

Joseph Egli plants comply with the highest standards required by the main Multinational Companies and with the ZHDC Wastewater Guidelines as well as others like BSR (Business for Social Responsibility) Guidelines.

Experience in multiple sectors

Joseph Egli has manufactured during the years units and plants in several industrial sectors, ranging from Food and Beverage to Paper, from Mechanics to Pharmaceuticals, from Agriculture to Tanning, etc

International vocation.

From the very beginning, Joseph Egli proves to be a company projected towards international markets. Rooted in a solid production tradition, Joseph Egli develops customized solutions, designed to meet the needs of companies, public and private institutions of all the world. So it was in the past, so it is in the present and so it will be in the future.

SECTORS

We are specialized in Water and Wastewater treatment and reuse of effluent from:

- Textile
- Tannery
- Food Industry:
 - Meat processing and slaughterhouse
 - Dairy & Cheese
 - Food canning
 - Honey processing
 - Winery
 - Juice processing
 - Soya oil refinery and biodiesel production
 - Soft drinks
 - Fish processing
 - Catering
- Paper industry
- Drinking Water / desalination
- Galvanic, metal plating
- Plastic recycling
- Landfill leachate treatment
- Pharmaceutical processing
- Municipal and Industrial wastewater treatment
- Others

TECHNOLOGIES

- Biological process:
 - Activated sludge process
 - Biological anaerobic and aerobic treatment
 - Submerged aerobic biofiltration
 - SBR sequencing batch reactors
 - MBR membrane bio reactors
 - MBBR moving bed bio reactors
- Physical– chemical processes
 - Clari-flocculation
 - Flotation
- Chemical process:
 - Hydrodynamic cavitation

- Electrochemical processes
- Anodic oxidation
- Electrocoagulation
- Fenton process
- Ozonisation
- Filtration process
 - Microfiltration
 - Ultrafiltration
 - Reverse osmosis
- Zero discharge
- Composting of liquid matter or sludge and biomass

RO PRODUCTION BASED IN 2 PLANTS IN VICENZA – ITALY





RESEARCH & DEVELOPMENT

To maintain our position as forerunners in this field, we work together with universities and research companies in Italy and abroad. This assures a continuous technological update, verified by our pilot systems.

Our technical staff membership:

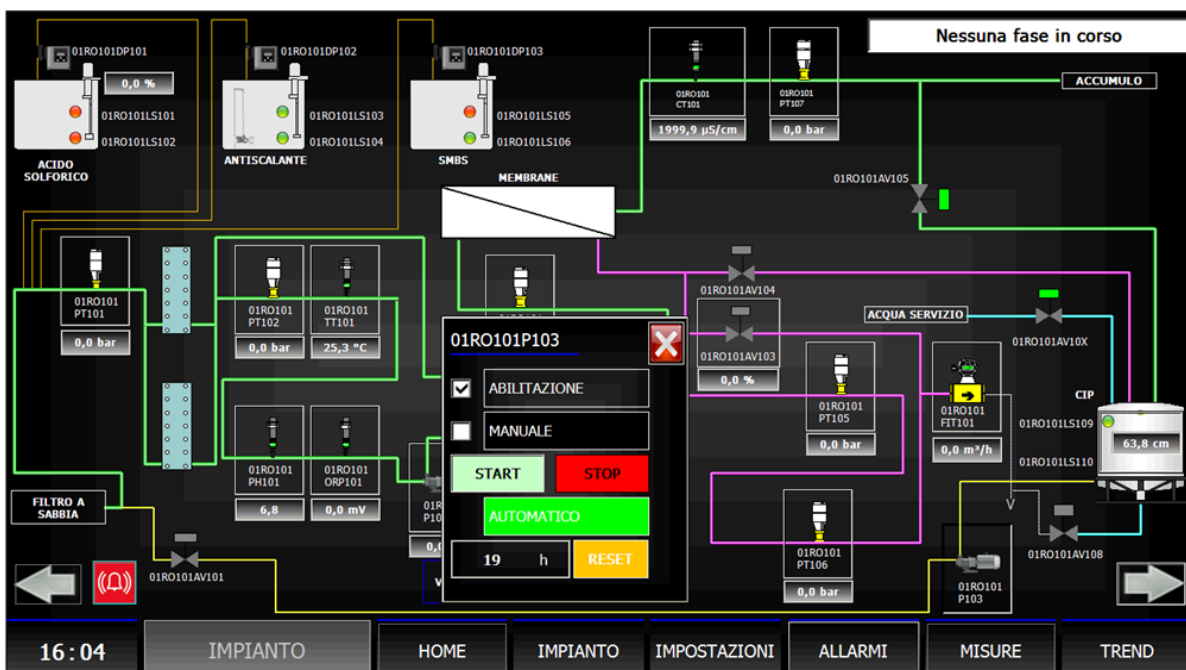
* IWA INTERNATIONAL WATER ASSOCIATION:

IWA specialist group of sludge treatment

IWA specialist group of membrane filtration

IWA specialist group of Biofilm technology

IWA specialist group of landfill and solid waste disposal management



INTERNATIONAL EXPERIENCE

We are active in the following countries:

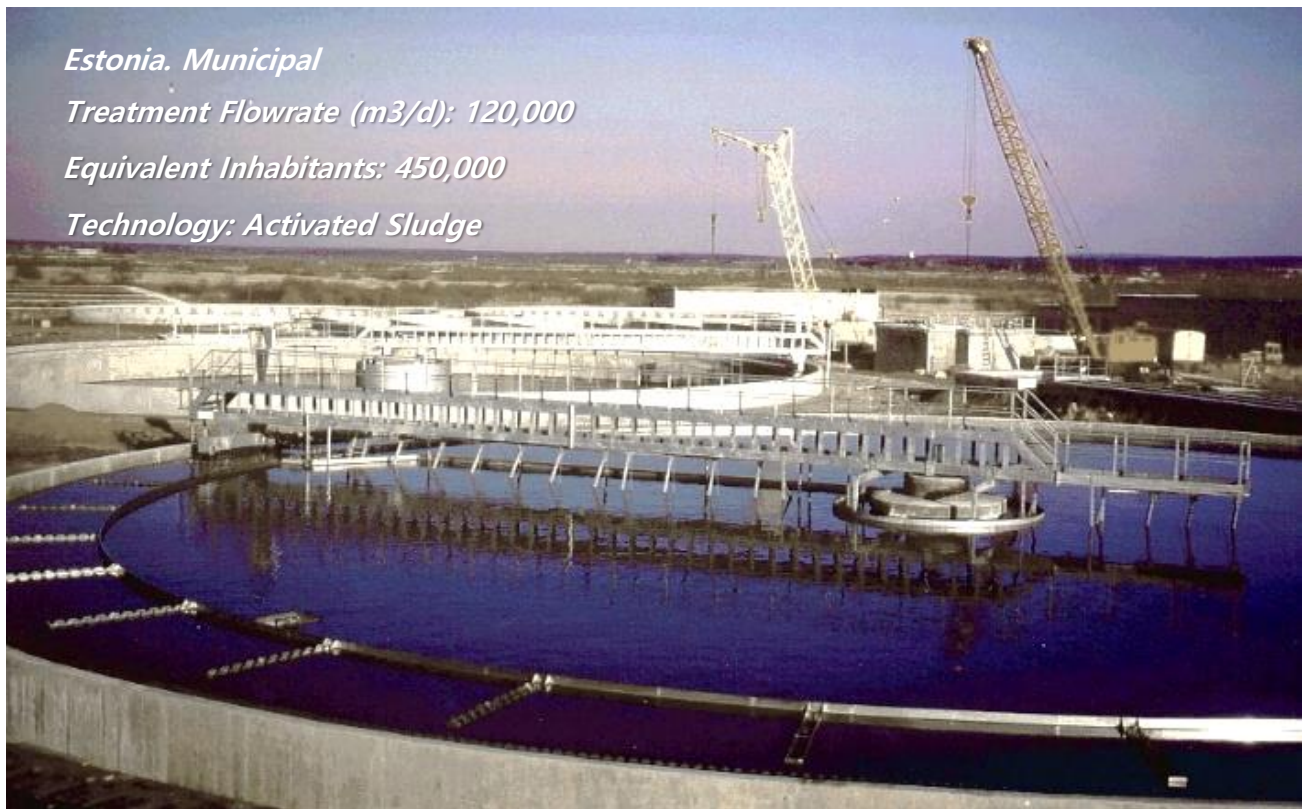
Europe: Bulgaria, Czech Republic, Estonia, Hungary, Italy, Portugal, Romania, Russia, Spain, Slovakia, Sweden, Switzerland

America: Brazil, Chile, Mexico

Asia: Bangladesh, India, Pakistan, Qatar, Saudi Arabia, Indonesia

Foreign languages spoken in our staff: English, Spanish, German, Portuguese, Czech, Hungarian.

Largest ETP designed: Municipality of Tartu, Estonia, municipal and industrial wastewater treatment, for Joseph Egli AG, Switzerland. Flow rate: 120,000 m³/d



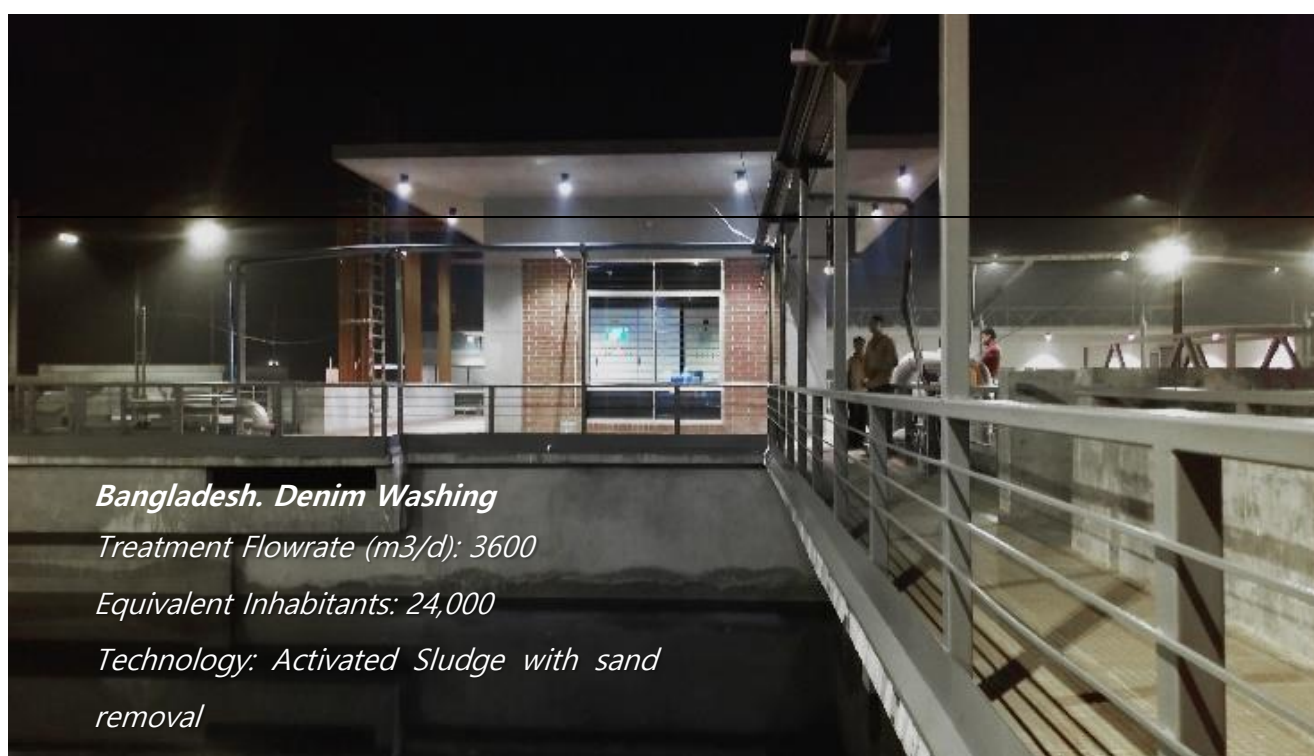
MOST RELEVANT REFERENCES

Textile



Technology	Company
Revamping of Biological WWTP	Juan Burgos Pamplona SA , Spain
WWTP, Activated sludge biofiltration	Tintoria San Giorgio , Italy
Biological WWTP	Telas y Tintes de Mexico SA de R.L. de C.V. , Mexico
Wastewater cooling plant of the WWTP	Enda SA de C.V. , Mexico
Revamping of the biological oxidation section of the Biological WWTP	Stamperia Sara SpA , Italy
Revamping of Biological WWTP	F 40 srl , Italy
Wastewater treatment and recovery plant Hydrodynamic cavitation, Biofiltration + ozonation	Sweaters Riviera SA de C.V. , Mexico
Biological WWTP	Dinamica Texteis SA , Portugal
Improvement of the WWTP and water recovery section. Hydrodynamic cavitation, biological + ozonation	Telas y Tintes de Mexico SA de R.L. de C.V. Mexico

Technology	Company
WWTP,Hydrodynamic cavitation and Biological	Textiles Mygs SA de C.V. , Mexico
Physical chemical treatment	Estamparia Meireles Lda , Portugal
Physical chemical treatment	Casa Da Praia – Estamparia Têxtil Lda , Portugal
Physical chemical treatment	Estamparia Mesquita Lda , Portugal
Physical chemical treatment	Estamparia Lisicar Lda , Portugal
Physical chemical treatment	Anjalvex Estamparia Têxtil, Lda , Portugal
Biological WWTP +Hydrodynamic cavitation	Colchas Mexico SA de C.V. , Mexico
Physical chemical treatment	Pedro Martins Cardoso Lda , Portugal
Biological WWTP +Hydrodynamic cavitation	Arttex SA de CV , Mexico
Improvement of Biological WWTP	Valentim Oliveira Azevedo Lda , Portugal
Engineering study of the wastewater treatment and recovery plant. Hydrodynamic cavitation, biological + ozonation	Becktel SA de C.V. , Mexico
Physical chemical treatment	Silva Freitas & Freitas Lda , Portugal
Physical chemical treatment	Lima & Barros Confecções Lda , Portugal
Physical chemical treatment	Humberline , Portugal
Biological WWTP	Soorty Enterprises Pvt , Pakistan
Biological WWTP	Ginado SA , Portugal
Biological WWTP	Interloop Ltd , Pakistan



Technology	Company
Biological WWTP	Pizval srl , Italy
WWTP revamping - MBBR treatment	Timavo do Brasil SA Industria Textil, Brasil
Raw water treatment by RO	Summer India Ltd , India
Biological WWTP, Water recovery plant with zero discharge	Summer India Ltd , India
Biological WWTP	Artistic Garment Ltd , Pakistan
Biological WWTP	Artistic Denim Mills Ltd , Pakistan
Biological WWTP	Casual Sportsware Ltd , Pakistan
WWTP - Electrocoagulation	INCDTP Textile Research Institute , Romania
Engineering of WWTP - MBBR treatment	Hilados y Filamentos S.L , Spain
Engineering of WWTP - Biological treatment	Covtex Feizy srl , Romania
Feasibility study for textile water recovery	IKEA , Sweden Factory Gul Ahmed, Pakistan
Feasibility study for textile water recovery	IKEA , Sweden Factory Zaber & Zubair, Bangladesh
Feasibility study for textile water treatment improvement	Berto E.G. Industria Tessile SpA Italy
WWTP - Biological treatment	Experience Clothing Company Ltd , Bangladesh
Feasibility study for water treatment improvement WWTP - Biological treatment	Berto E.G. Industria Tessile SpA Italy
WWTP - Biological treatment	Amann Romania Ltd , Romania
Engineering of WWTP - Biological treatment	Vastex , Romania
Engineering of UASB WWTP - Biological treatment for colour removal	Timavo do Brasil SA Industria Textil, Brasil
WWTP - Biological treatment	Zaber & Zubair , Bangladesh
Engineering of WWTP - Biological treatment	EOS Textile , Bangladesh
Biological Sludge dewatering station	JCT , Phagwara, India
WWTP: Biological treatment	Saiham Ltd , Bangladesh
WWTP: Biological treatment plant	OEM for: Welspun Group , India
WWTP: physical chemical and ozonation plant treating RO concentrates for sea discharge	OEM for: Welspun Group , India
WWTP: Sludge treatment plant	Zaber & Zubair , Bangladesh
Feasibility study for textile wastewater treatment plant revamping	PTIGN (S.C. Parc Tehnologic si Industrial Giurgiu Nord SA) , Giurgiu, Romania

Technology	Company
WWTP: Biological treatment	Eusan Knit Ltd , Bangladesh
WWTP: Biological treatment plant	OEM for: Alok Ltd , India
WWTP: physical chemical and ozonation plant treating RO concentrates for sea discharge	OEM for: Alok Ltd , India
WWTP: anaerobic and aerobic biologic treatment with high efficiency of colour removal	Fakhruddin Textile Mills Ltd Gazipur, Bangladesh
WWTP: anaerobic and aerobic biologic treatment with high efficiency of colour removal	American Cotton S.A. de C.V. Mexico City, Mexico
WWTP revamping Hydrodynamic cavitation pretreatment and biologic treatment by trickling filter	Amann Group Augsburg, Germany for Amann s.r.o. Chřibská Czech Republic
WWTP: Biological treatment plant	M&J Group Ltd Bangladesh
Anaerobic Biological treatment reactor	EOS Textile , Bangladesh
WWTP: Biological treatment plant	Meghna Ltd Bangladesh
WWTP: Biological treatment plant	Shore to Shore Ltd Bangladesh
Increasing of Wastewater treatment plant	Saiham Ltd Bangladesh
WWTP: Biological treatment plant with sand removal	S.F. Washing Ltd. Bangladesh
Revamping of existing wastewater treatment	ACS Textiles (BD) Ltd Bangladesh
WWTP: Biological treatment plant with sand removal	Amber Jeans & Washing Ltd. Bangladesh
WWTP: combined anaerobic and aerobic biologic treatment	Amber Denim Ltd. Bangladesh

Technology	Company
Engineering of the wastewater treatment plant: Active sludge treatment with sand removal	Soorty Enterprises, Unit 14 Pakistan
Wastewater treatment plant: Activated sludge treatment with sand removal	Soorty Enterprises, Unit 9 Pakistan
Revamping of the wastewater treatment and recovery plant Active sludge treatment, Ultrafiltration, Reverse Osmosis	Lavanderia La Salsese Italia
Wastewater treatment plant Activated sludge treatment with sand removal and microfiltration	Columbia Washing Ltd Bangladesh Pakistan
Wastewater treatment plant MBBR with sand removal and microfiltration	Soorty Enterprises, Unit 14 Pakistan Textile dyeing, finishing, washing
Wastewater treatment plant Activated sludge treatment with sand removal and microfiltration	Soorty Enterprises, Unit 8 Pakistan
Wastewater treatment plant Active sludge treatment, Microfiltration, Ultrafiltration Reverse Osmosis	Amann Romania Ltd Romania
Wastewater treatment plant Activated sludge treatment, microfiltration	Tusuka Textile Bangladesh
Wastewater treatment plant Activated sludge treatment, microfiltration	Urmee Knitwear Bangladesh
Wastewater treatment plant Activated sludge treatment with sand removal and microfiltration	Kwun Tong Apparel Bangladesh
Wastewater treatment plant Activated sludge treatment with sand removal and microfiltration	Artistic Denim Mills Pakistan

Tannery

Technology	Company
Engineering of the 3 rd Line of Activated sludge treatment and Denitrification section	Consorzio FIC (now Medio Chiampo) , Italy
Engineering for the revamping of the WWTP	ETAR de Curtidores , Spain
Engineering of the WWTP Activated sludge biofiltration	Analytical srl for: Conceria Prealpina , Italy
Engineering of the WWTP Activated sludge biofiltration	Analytical srl for: Conceria Gherber SpA , Italy
Engineering of the WWTP Activated sludge biofiltration	Analytical srl for: Beschin SpA , Italy
Engineering of the WWTP Activated sludge biofiltration	Analytical srl for: Conceria Ala srl , Italy
Engineering of the revamping of the WWTP Physical-Chemical + Biological	Analytical srl for Almisano Pelli srl , Italy
WWTP. Physical-Chemical	Elidra srl for Nuova Gasby srl , Italy
Biological WWTP	Zenith Group , Italy
Screening station	Ecolex Ltd , Bulgaria
Engineering of the WWTP. Biological	Favata M.R. , Italy
WWTP. Physical chemical pre-treatment	Elidra srl for SVP srl , Italy
Engineering of the WWTP Biological	Ribera Ascó srl for: Curtidos Codina S.A / Genís Antel S.A , Spain
Engineering of the rewamping of the WWTP. Physical chemical section	Analytical srl for: Natco SpA (Natuzzi Group), Italy
Improvement of Biological WWTP	Industria Conciaria Volturmo srl , Italy
Engineering of WWTP Homogenisation	Pragma Chimica srl for: Conceria Diana , Italy
Auditing of the WWTP Activated sludge biofiltration	Analytical srl for: Conceria Faeda srl , Italy
Revamping of the control panel of the physical chemical and biological treatment plant	Analytical srl for: Conceria Thiella srl , Italy
Membrane Biological Reactor pilot plant	Conceria Master SpA. Italy
WWTP - Physical chemical and biological treatment with water recovery	Analytical srl for: SVP srl , Italy
Engineering of the WWTP	Minuano Nordeste SA (Natuzzi Group) , Brasil
WWTP - Physical chemical pre-treatment	Analytical srl for: Conceria ICA srl , Italy

Technology	Company
WWTP - Electrocoagulation	INCDTP Leather Research Institute, Romania
Revamping of the biological treatment plant	Pragma srl for: Soave Pelli spa , Italy

Food industry



Technology	Company
Revamping of Biological WWTP	Agrovis Noreste SA , Spain. Poultry slaughterhouse
Biological WWTP	Fibran SA , Spain. Sausage casing
Process water filtration section	Fibran SA , Spain. Sausage casing
Biological WWTP MBR biologic process	Consorzio produttori latte Pennar , Asiago, Italy. Dairy and Cheese production
Engineering of WWTP, Activated sludge biofiltration	Barbieri Engineering, for Zuccato snc , Caltrano, Italy. Food canning
Biological WWTP	Apicoltura Rigoni snc , Foza, Italy. Honey and fruit jam production
Biological WWTP	Cantina Sociale di San Bonifacio , S. Bonifacio, Italy. Vinery
Engineering of Biological WWTP	Tratamientos de Agua Manantial Chile Ltda , Santiago, Chile. Juice processing
Drink water production plant from river water - Physical chemical	Fibran SA , S. Joan de les Abadesses, Spain. Sausage casing

Technology	Company
Engineering of Biological WWTP, SBR reactor	Elidra srl for: Cereal Docks srl , Camisano, Italy. Soya oil refinery
Engineering of Biological WWTP	Ventilaqua Lda, for: Etanor , Penha, Portugal. Soft drinks
Environmental impact study	Nádudvar Nagisz RT. , Nádudvar, Hungary . Slaughterhouse
Engineering of the WWTP	Analytical srl for: La Casearia Veneta srl , Povegliano, Italy. Cheese factory
Biological WWTP	SIVAC , Aveiras de Cima, Portugal. Vinery
WWTP improvement, Biological, with Membrane Bioreactor	Apicultura Rigoni snc, Italy . Honey & jam processing
WWTP - Biological Sequencing batch reactor	Renoldy Lda, Celta Group Spain , Alpiarça, Portugal. Dairy
Biological WWTP	Ventilaqua Lda, for: Salsicharia Soares & Damiao Lda , Vilarinho de Alva, Portugal Sausage production
Engineering of the WWTP, Biological S.B.R.	Pragma Chimica srl; for Prosciuttificio Picaron snc , San Daniele Del Friuli, Italy. Ham production
WWTP, Biological revamping	Vinícola Castelar Lda, Anadia, Portugal. Vinery
Wastewater treatment and recycling plant Biological, with Membrane Bio Reactor	Enkrott Centro Ltd, for: Pascoal Lda , Aveiro, Portugal. Fish processing
WWTP - Biological MBBR	Pragma Chimica for: Soster , Monteviale, Italy. Cheese production
Biological WWTP	Il Ceppo srl , Monticello Conte Otto, Italy. Catering
WWTP, Physical chemical DAF system	S & A SA , Tentugal, Portugal. Snacks production
WWTP, Hydrodynamic cavitation system	Ventilaqua Lda, for: Quinta de Melgaço , Melgaço, Portugal. Vinery
Wastewater treatment plant, Biological, with Membrane Bio Reactor	Sueste Produtos Alimentares, Lda , Aveiro, Portugal. Fish processing
Wastewater treatment plant Biological	Frulact Maia, Lda ; Maia, Portugal. Dairy, pastry, beverages
Wastewater treatment plant, Biological	Vinhos Borges, Lda ; Rio Tinto, Portugal. Vinery
Wastewater treatment plant, Biological	Frulact Ferro, Lda ; Ferro, Portugal. Dairy, pastry, beverages,

Technology	Company
Wastewater treatment plant, Biological MBBR	Della Toffola SpA, for Vifrana Adamclisi, Romania. Vinery
Wastewater treatment plant, Biological, SBR	Kometa 99 ZRT , Kaposvár, Hungary. Slaughterhouse
Engineering of Wastewater treatment plant Biological, SBR	OEM for Casearia Monti Trentini , Grigno Valsugana, Italy. Cheese production
Engineering, commissioning and start up of Wastewater treatment plant, Biological, SBR	SABK Ltd for Pepsi Cola Al Qassim, Saudi Arabia. Soft drink processing
Wastewater treatment plant, Physical chemical followed by Biological, SBR	Cantina di Soave , facility of Montecchia di Crosara, Italy. Vinery
Wastewater treatment plant. Biological, MBBR	Interbrau , Villafranca, Italy. Brewery
Wastewater treatment plant Physical chemical followed by Biological, SBR	Cantina di Soave , facility of Illasi, Italy. inery
WWTP - Biological SBR (Sequencing batch reactor)	Latteria Antigoriana , facility of Crevoladossola, Italy. Dairy
Wastewater pre-treatment	Al Ahasa dates factory , Al Ahasa, Saudi Arabia. Dates processing
Wastewater treatment plant enlargement. Biological, MBBR	Interbrau , Villafranca, Italy. Brewery
Wastewater treatment plant, Physical chemical followed by Biological, SBR	Cantina di Soave , facility of Soave, Italy. Vinery
Revamping of Wastewater treatment plant Physical chemical followed by Active sludge treatment	Vitevis , Facility of Gambellara, Italy. Vinery
Homogenisation and smells removal plant	Zuccato 1868 s.r.l. Italy, Vegetable processing and cannery industry
Wastewater treatment plant MBR treatment	Dasmo Società Agricola S.S. Italy Brewery
Wastewater treatment plant Physical chemical followed by SBR treatment	Cantina di Soave , Facility of Cazzano , Italy Vinery

Technology	Company
Wastewater treatment plant MBR treatment	Contri Spumanti , Facility of Campogalliano, Italy Vinery
WWTP – Biological & Chemical Physical - revamping	Vitevis - Cantine di Castelnuovo, Italy, Vinery
WWTP - Active sludge treatment	Vitevis - Cantine di Montecchio, Italy, Vinery

MBR Technology



Paper Industry



Technology	Company
Improvement of the WWTP, Biological	Cartiera di Carbonera SpA. , Italy, paper & cardboard industry
Engineering of the enlargement of the WWTP. Biological	Cartitalia srl , Italy, paper & cardboard industry
Engineering of the enlargement of the WTP. Biological MBBR	Cartiere Villalagarina srl , Italy, paper & cardboard industry
Revamping of the WWTP, Biological	Reno de Medici Spa , Italy, facility of Santa Giustina paper & cardboard industry
Engineering of the enlargement of the WWTP. Biological	Cartiera Cooperativa Rivalta , Italy, paper & cardboard industry
Partial revamping of the wastewater treatment plant. Active sludge treatment by MBBR technology	Reno De Medici , Facility of Ovaro, Italy. Paper & cardboard industry
Wastewater treatment plant. DAF followed by microfiltration	Amber Super Paper Bangladesh. Tissue and white paper from virgin pulp

Technology	Company
Wastewater treatment plant Active sludge treatment by MBBR technology	Burgo Group Facility of Avezzano Italy paper & cardboard industry
Wastewater treatment plant Revamping and Biologic MBBR Unit	Burgo Group Facility of Verzuolo Italy paper & cardboard industry
Continuative predictive maintenance Service Contract & Plant Optimization	Burgo Group Facility of Verzuolo Italy paper & cardboard industry
Tumbling sludge dewatering, flotation system	LUXOTTICA Facility of Pederobba Glass

Galvanic, metal plating



Technology	Company
WWTP. Elettrocoagulation	CSV srl, Italy

Technology	Company
Compact WWTP. Physical chemical pre-treatment	Analytical srl for: Metrica , Italy
Engineering of the WWTP. Physical chemical	Analytical SAS for Cracco Metal Group , Italy
Compact WWTP. Physical chemical treatment.	Ecochimica system srl for Sider Plating Scaligera, Italy
Wastewater treatment plant. Phys-Chem +Biological Denitrification	Ettore Zanon SpA, Schio, Italy

Industry



Technology	Company
Engineering of process-water treatment plant. Physical chemical	Selchozpromexport Moscow , former USSR For the factories of: Tashkent, Uzbekistan, Krasnodar, Russia, Primorsk, Russia, Ekaterinburg, Russia, Ufa, Bashkiria, Moscow, Russia, Charkov, Ukraine, Cosmetic industry

Technology	Company
Engineering of process-water treatment plant. Ionic exchange resins + ultrafiltration + reverse osmosis	Tesla Rožnov , Czech Rep. Electronic industry
Engineering of process-water treatment plant. Ionic exchange resins + ultrafiltration + reverse osmosis	Tesla Piešťanj , Slovakia, Electronic industry
Revamping of the WWTP. Physical chemical + Biological	Compañia Anonima Moreu , Spain, Glue manufacturer
WWTP, Physical chemical	Aplicación y Suministros Textiles SA , Spain, Chemical industry
WWTP for flue gas depuration of the waste incinerator. Physical chemical	Medical University Szote , Hungary, Hospital
Compact physical-chemical WWTP. Physical chemical batch plant	Zanardi SpA , Italy, Printing Industry
Rainfall and car washing WWTP	Visonà Autotrasporti snc , Italy. Transport company
WWTP, Physical chemical	Barbosa & Almeida SA , Portugal, Glass production
Engineering of the WWTP, Physical chemical	Pragma Chimica srl; for Granifix srl , Italy Physical/chemical treatment centre of Zndustrial wastes
Rainfall and car washing WWTP	Acafin srl , Italy, Transport company
Car & track washing wastewater treatment. Membrane Bio Reactor	Cosme srl for Eurotrasporti srl , Italy, Transport company
WWTP, Denitrification and submerged biofiltration	Pragma Chimica srl for: B.E.M.E. Snc , Italy
WWTP for flue gas depuration of the waste incinerator. Physical chemical	Plovdiv Hospital , Plovdiv, Bulgaria
WWTP - Biological MBBR	DENTIS srl , S. Albano Stura CN, Italy. PET recycling,
WWTP – biological oxidation phase	Raptronic srl , Brasov, Romania. Composite plant for industrial area
WWTP – effluent water microfiltration	DENTIS srl , S. Albano Stura CN, Italy. PET Recycling
WWTP – effluent water heat exchanger	DENTIS srl , S. Albano Stura CN, Italy PET recycling

Technology	Company
WWTP - Biological MBBR	ErreGiErre srl , Sovere BG, Italy. Farmaceutical processing
Revamping and enlargement of the Biological WWTP	Cereal Docks srl , Camisano, Italy. Soya oil refinery and biodiesel production, Italy
Environmental impact study	Unichimica srl , Torri di Quartesolo, Italy. Chemical products for industry_
WWTP - Active sludge treatment, by MBBR + DAF	PetCia SA Chivas, Spain. PET recycling
Physical chemical pre-treatment plant	PetCia SA Chivas, Spain. PET recycling,
WWTP for flue gas depuration of the waste incinerator. Physical chemical	BOOM Waste Treatment Services , Doha/Qatar. Waste incineration
WWTP for oil wastewater. Physical chemical treatment by Dissolved Air Floatation	Ecoslops Portugal SA , Sines, Portugal Treatment of oil waste generated by ships
WWTP – Physical chemical, complete treatment & sludge treatment	Unichimica SpA, Torri di Quartesolo, Italy. Chemical products for industry

UF RO - Desalination – Drinking water

Seawater desalination Microfiltration, Ultrafiltration Reverse Osmosis	Golfo dei Sogni, Follonica Italy
Seawater desalination Microfiltration, Ultrafiltration Reverse Osmosis	Marina di Scarlino Italy
Seawater desalination Microfiltration, Ultrafiltration Reverse Osmosis	The Sense Resort – Follonica Italy
Containerized Seawater desalination Microfiltration, Ultrafiltration Reverse Osmosis	Marina D'Arechi - Salerno Italy
Microfiltration, Ultrafiltration Reverse Osmosis process water	Soorty Enterprises Pvt , Pakistan Italy Textile Group



Municipal Wastewater

Technology	Company
Engineering of the WWTP Biological	JEAG, Switzerland, for Municipality of Targu Mures , Romania, municipal wastewater treatment
Engineering of the pumping station	Municipality of Näfels , Switzerland, municipal wastewater treatment
Engineering of the WWTP urbane Biological	Municipality of Otepää , Estonia, municipal and industrial wastewater treatment
Engineering of the WWTP Biological	Municipality of Tartu , Estonia, municipal and industrial wastewater treatment
Engineering of the improvement of the WWTP. Biological	Studio Ing. Barbieri, Italy, for: Municipality of Rubano , PD municipal wastewater treatment
Blowing station	Xelex Ltd , Bulgaria, municipal wastewater treatment
Grid station and blowing station	Municipality of Ispirih , Bulgaria, municipal wastewater treatment

Technology	Company
Compact WWTP Biological by MBBR technology	Texeira & Duarte , Angola, municipal wastewater treatment
WWTP. Biological	Raducaneny municipality , Romania, municipal wastewater treatment
Engineering of the WWTP urbane Biological MBR	Salamandra Golf Resort , Italy
Engineering of Sludge treatment plant	SMAS Viseu, Portugal Municipal wastewater treatment
Biological treatment plant of landfill leachate	OEM for AGRILUX , Italy

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Textile:

S. R. Stern, L. Szpyrkowicz, and I. Rodighiero, (2003), Anaerobic treatment of textile dyeing wastewater. *Wat. Sci. and Tech.* Vol 47, No 10, pp 55-59

L. Szpyrkowicz, S. Rigoni Stern,, F. Zilio-Grandi, M. Bragadin (1999), Textile wastewater treatment by an aerobic submerged biofiltration. *Toxicological and Environmental Chemistry.* Vol 71, pp 43-49

S. Rigoni Stern, L. Szpyrkowicz, and F. Zilio-Grandi, (1996), Treatment of silk and lycra printing wastewaters with the objective of water reuse. *Wat. Sci. and Tech.* Vol 33, No 8, pp 95-104

L. Giavina, I. Rodighiero, (2006) Textile wastewater treatment & recycling aimed to zero discharge Pakistan Textle Journal March 2006, pp 84-86

Tannery:

L. Szpyrkowicz, S. Rigoni Stern F. Zilio-Grandi, (1991), Pilot plant studies on tannery waste water treatment with the objective to reduce sludge production. *Wat. Sci. and Tech.* Vol 23, pp 1863-1871

L. Szpyrkowicz, S. Rigoni Stern F. Zilio-Grandi, (1991), Nitrification and denitrification of tannery wastewaters. *Wat. Res.* Vol 25, No. 11, pp 1351-1356

Galvanic, metal plating:

L. Szpyrkowicz, F. Zilio-Grandi, S.N. Kaul and S. Rigoni Stern, (1998), Electrochemical treatment of copper cyanide wastewaters using stainless steel electrodes. *Wat. Sci. and Tech.* Vol 38, No 6, pp 261-268

Others:

S. Rigoni Stern, R. Rismondo, L. Szpyrkowicz, and F. Zilio-Grandi, (1990), Anaerobic digestion of Nitrophilic Algal Biomass from the Venice Lagoon. *Biomass.* Vol 23, pp 179-199

S. Rigoni Stern S., R. Rismondo, L. Szpyrkowicz, and F. Zilio-Grandi, (1988), Anaerobic digestion of vegetation waters from olive oil mills on a fixed biological bed with a biogas production. *Fifth International Symposium on Anaerobic digestion, Bologna, Italy*, pp 22-26

Rigoni Stern S., Rismondo R., Szpyrkowicz L., Zilio Grandi F., (1988). Digestione anaerobica su letti batterici dei liquami provenienti dalla molitura delle olive con produzione di biogas, *Ingegneria Ambientale*, Vol. 5, pp 267-271

Conferences and congresses

Szpyrkowicz L., Rigoni Stern S., (2002). Anaerobic Treatment of Textile Dyeing Wastewater, *IWA World Congress*, Melbourne, accepted.

Szpyrkowicz L., Kaul S. N., Zilio Grandi F., Rigoni Stern S., (1998). Electrochemical Treatment of Copper Cyanide Wastewaters Using Stainless Steel Electrodes, *IAWQ 19th International Conference*, Vancouver, Vol. 6, pp 254-261

Szpyrkowicz L., Rigoni Stern S., Zilio Grandi F., Bragadin M., (June 1996) Textile wastewater treatment by Anaerobic Submerged Biofiltration, *Water Quality International Biennial Conference*, Singapore, Vol. 17

Rigoni Stern S., Rismondo R., Szpyrkowicz L., Zilio Grandi F. (1988). Anaerobic digestion of vegetation waters from olive oil mills on a fixed biological bed with a biogas production, *Acts of 5th International Symposium on Anaerobic Digestion*, Bologna, pp 561-565

Rigoni Stern S., Rismondo R., Szpyrkowicz L., Zilio Grandi F., (1988). The Macroalgae in the Venice Lagoon, Possibility and Convenience of their Elimination and Reutilization, *Acts of POLMET 88° Asia and pacific Regional Conference*, Hong Kong, pp 594-599