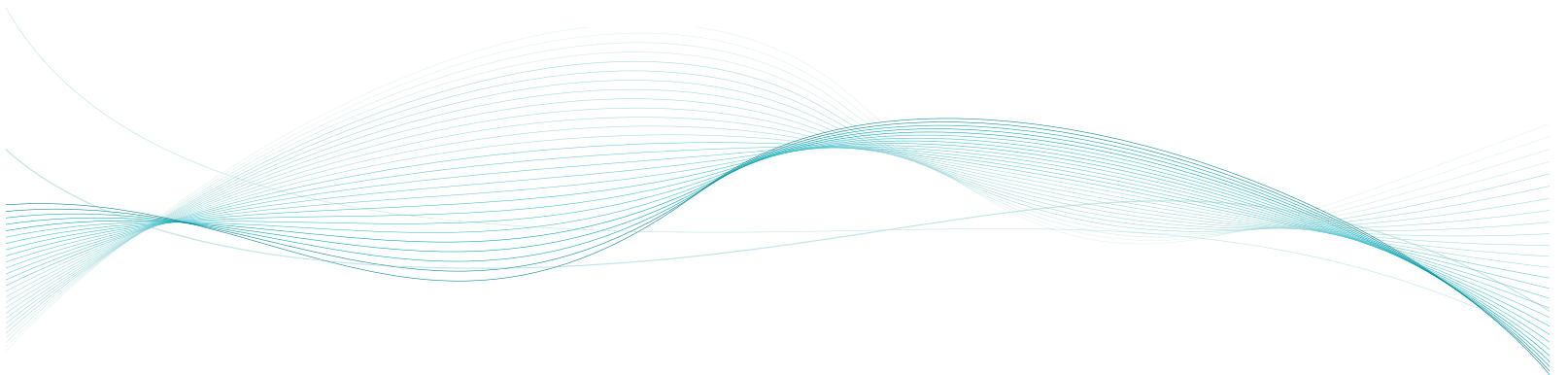




fluytec®
filtration technologies



“Water is the principle, of the element of all things”

Tales of Mileto

Becoming a supplier of solutions beyond circumstantial products and services requires knowledge, training and latest generation technological equipment. These are the conditions that have allowed us to collaborate directly with numerous branches of engineering in developing filtering solutions in highly complex projects and highly varied environments.

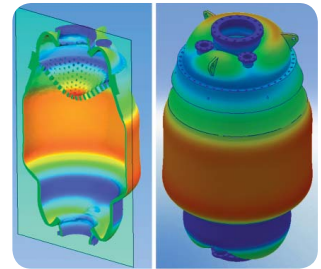
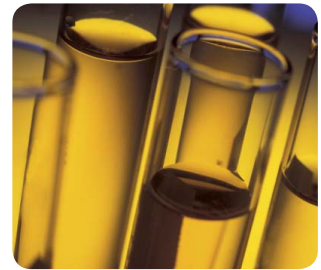


Designing to produce

Our **solutions** are a reflection of the **know-how** that allows us to be present world-wide, based on the leadership achieved in the Spanish market and the results of a *modus operandi* supported on three basic pillars:

1. **Engineering** that can develop any required filtering solution.
2. Wide **experience** in all types of geo-climatic environments and fields of application.
3. A quality policy certified as per **ISO 9001**, that provides us with processes designed for excellence and the achieving of our objective of meeting our clients' needs.

A deep knowledge of the reality of the world of filtering makes **Fluytec –filtration technologies–** a company designed and conceived to contribute to improving its proposals and much more than just an equipment supplier.



Producing to transform

More than 35 years of experience in researching and manufacturing new equipment and innovative responses are our guarantee and provide us with references in multiple fields of application: desalination, purifying, drinking water treatment for human and agricultural uses, process water for the food industry, power generation, photographic laboratories, etc.



Applications



Water production

- |Desalination (sea water and brine)
- |Reverse osmosis
- |Reversible electrodialysis



Water treatment

- |Drinking water (DWTP)
- |Re-use (WWTP, IWWTP)



Industrial and process water and effluents

- |Petrochemical industry
- |Chemical/cosmetics industries
- |Paper industry
- |Photographic industry
- |Power generation
 - |Nuclear power plants
 - |Conventional power plants
 - |Thermal solar power plants
- |Process water
 - |Demineralising
 - |Electro chlorination
 - |Denitrification
 - |Desulphurising



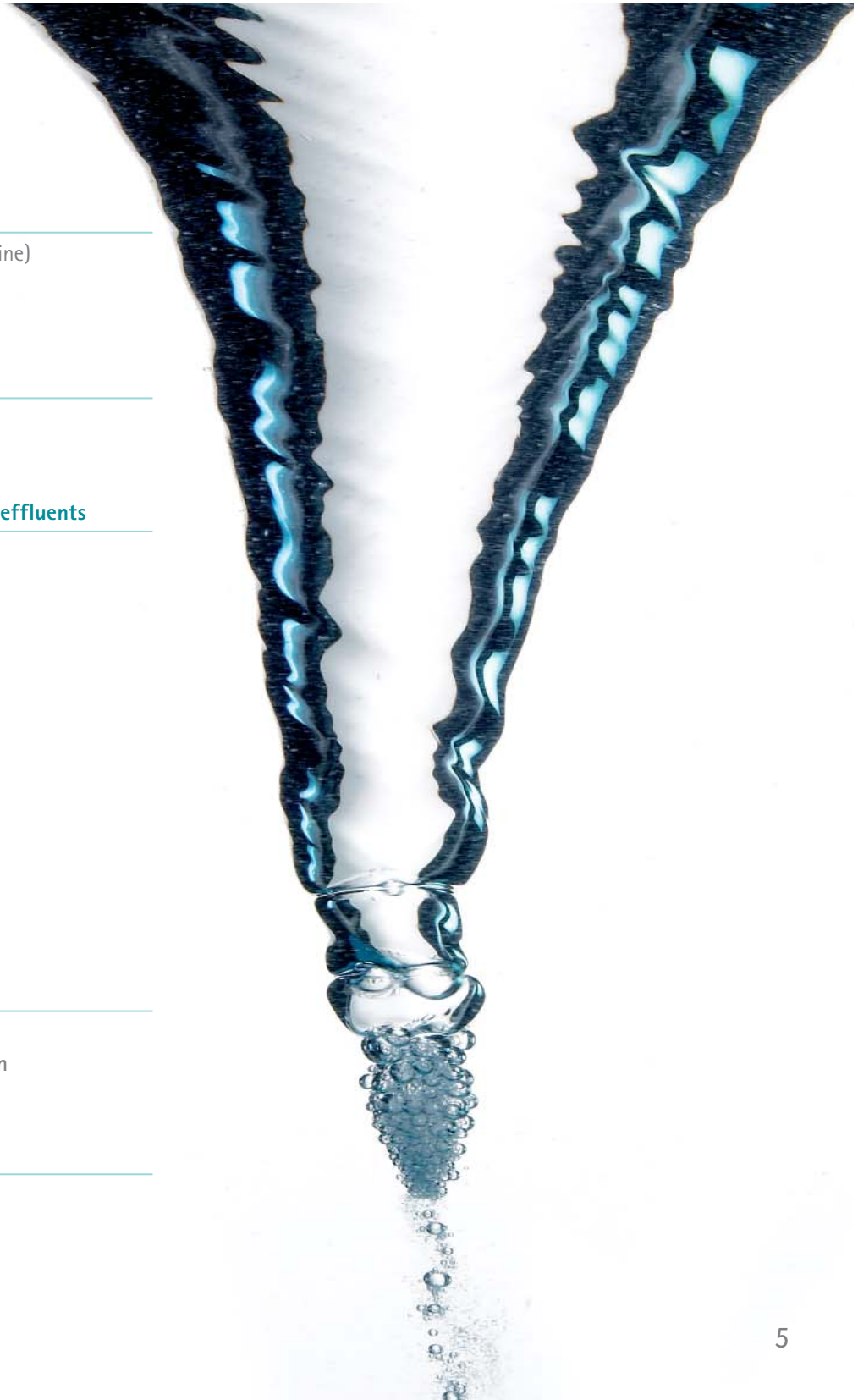
Food industry

- |Milk production
- |Beer and soft drink production
- |Juice production



Agriculture

- |Horticultural irrigation
- |Cereal irrigation



Processes

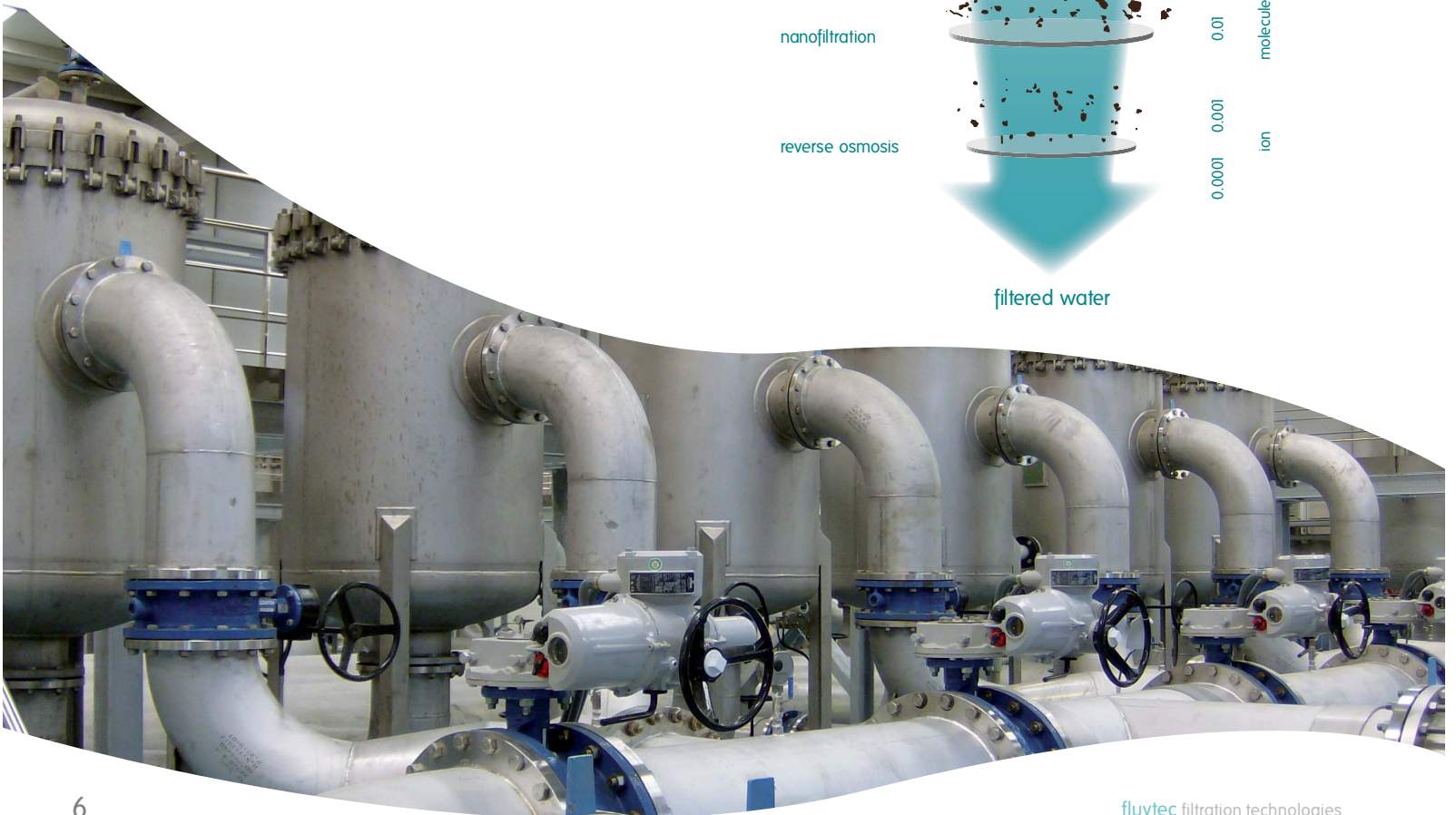
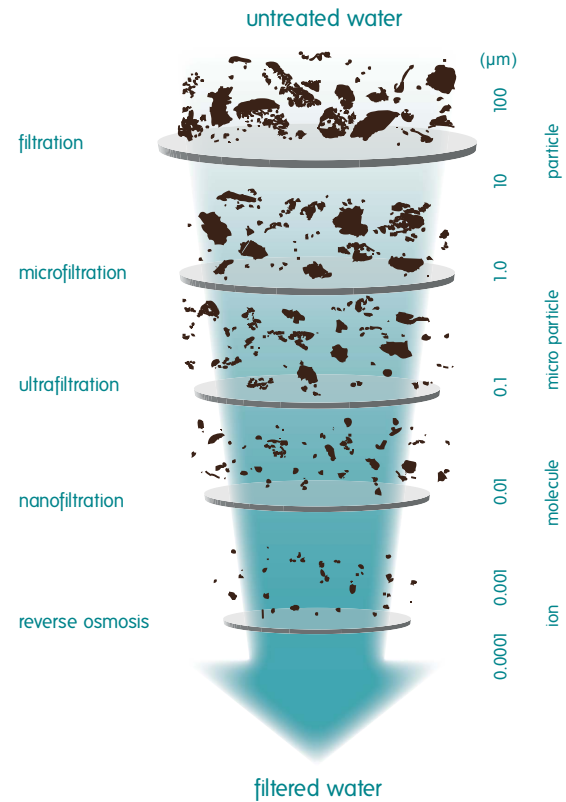
An entire range of products developed to solve any filtering process:

Filtering

Microfiltration

Ultrafiltration

Nanofiltration



Products

Filters

Cartridge filters

- FTP (GRP)
- FTI (SS, CS)
- FTPV (PVC)

Automatic backwash filters

- FTAUR (GRP/SS, CS)

Basket filters/strainers

- FTC (GRP/SS, CS)
- FTCAU (GRP/SS, CS)

Filter elements

Cartridges

- Wound polypropylene
- Melt-blown polypropylene
- Pleated polypropylene
- Metal

Profiles/meshes

Nozzles

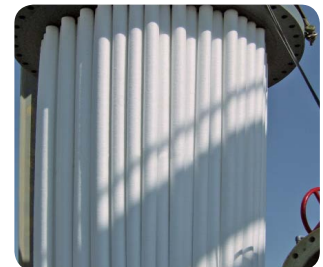
- Polypropylene
- Metal

Membrane technologies

- Ultrafiltration (UF)
- Reverse Electrodialysis (EDR)
- Electrodeionization (EDI)
- Reverse Osmosis (RO)

Other solutions

- Static Mixers in FRP
- Condensate Polishing Systems
- Pilot Plants



Service

Our philosophy is based on applying two simple but essential fundamentals: product **quality and service** for our clients. We study their filtering problems in detail and propose the best technical and economic solution using processes and procedures certified as per **ISO 9001** in a management system that features continuous improvement.

All the information required for knowledge, transport, installation and commissioning of Fluytec solutions is available to our clients at www.fluytec.com.



References

Fluytec has supplied equipment for projects with a combined production capacity of over **12,000,000 m³/day**, a direct consequence of its outstanding leadership in the Spanish market and, increasingly, its international presence.

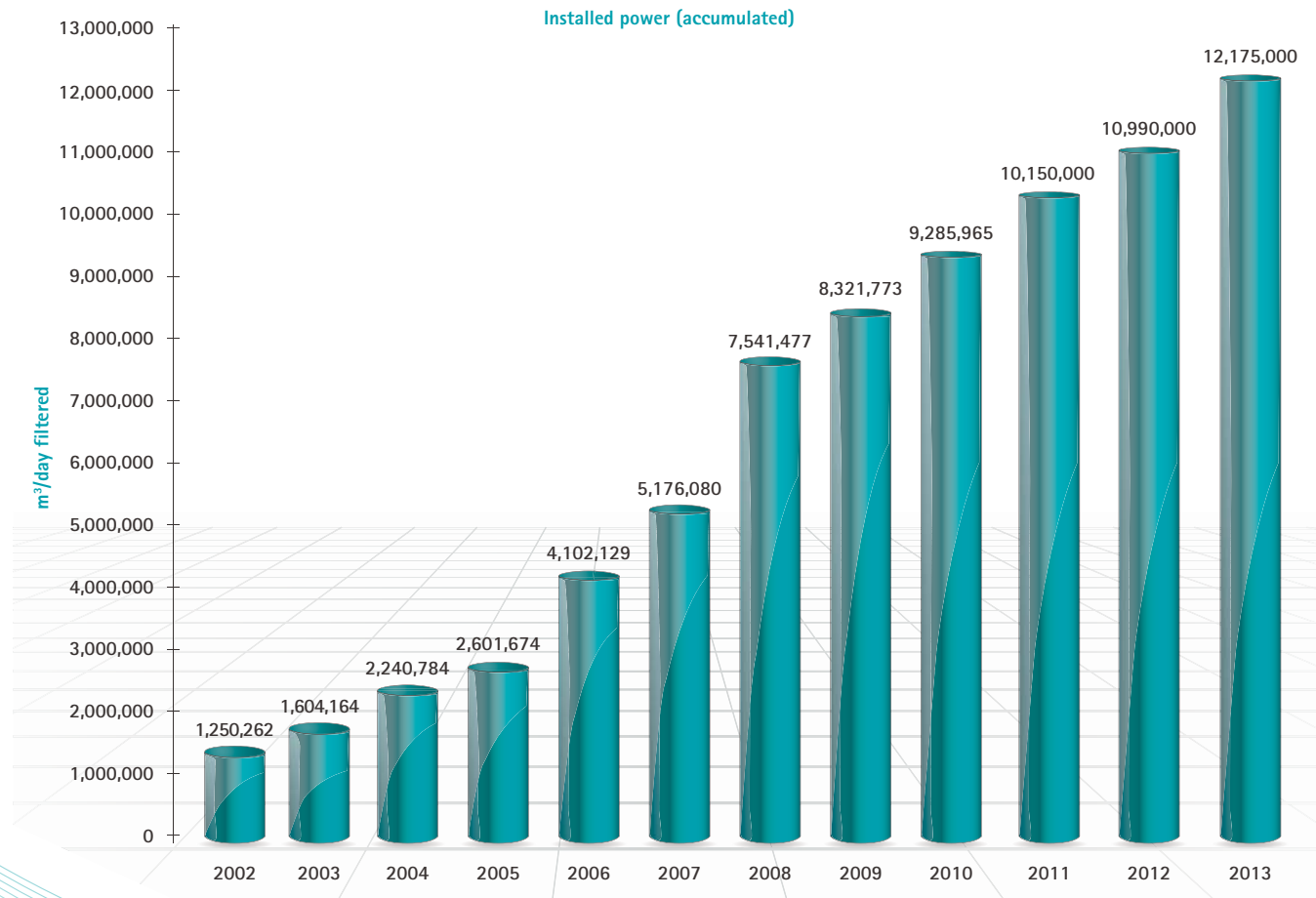
Some important **references** of projects showing our presence world wide:

Project	Country	Capacity m ³ /day
Shuqaiq II IWPP	Saudi Arabia	240,000
ETAP Abrera	Spain	220,000
Rabigh IWPP	Saudi Arabia	220,000
Al Dur	Bahrain	214,000
UDEM Ténès	Algeria	200,000
Águilas Guadalentín	Spain	200,000
Hamma SWRO	Algeria	200,000
Sant Joan Despi	Spain	190,000
DesalCoTT Expansion SWRO	Trinidad and Tobago	182,000
Perth II SWRO, phase 1	Australia	153,000
Barka II SWRO	Oman	153,000
Perth II SWRO, phase 2	Australia	153,000
Trinidad and Tobago SWRO	Trinidad and Tobago	130,000
Bahía de Palma SWRO	Spain	68,000
WTP for Steel Plant	Turkey	65,000
Aruba SWRO	Netherlands Antilles	57,120
Tía Juana	Venezuela	48,000
Harley SWRO	USA	40,000
Ouargla BWRO	Algeria	40,000
Sta. Bárbara IDAM	Curaçao	25,000
Marsa Matrouth SWRO	Egypt	24,000
Copiapó SWRO	Chile	18,000
Mossel Bay SWRO	South Africa	15,000
PP10CC WTP	Saudi Arabia	4,000



In figures

Accumulated production capacity of projects in which Fluytec has participated in the last 12 years:



Over 80% of the projects in which **Fluytec** has participated are for the desalination of sea water using **reverse osmosis** technology.



NETHERLANDS ANTILLES
SAUDI ARABIA
ALGERIA
ARGENTINA
AUSTRALIA
BAHRAIN
CAPE VERDE
CANADA
CHILE
CHINA
CURAÇAO
CYPRUS
EGYPT
UNITED ARAB EMIRATES
SPAIN
UNITED STATES
INDIA
MOROCCO
MEXICO
OMAN
PORTUGAL
REPUBLIC OF THE SUDAN
SOUTH AFRICA
TRINIDAD and TOBAGO
TUNISIA
TURKEY
...

Fluytec solutions worldwide



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