



# OSMO SISTEMI

TECNOLOGIE TRATTAMENTO ACQUE  

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WATER TREATMENT TECHNOLOGIES

Established in 1985.  
Member of Caramondani Group, Cyprus.

As leaders in water treatment technologies, we provide technical solutions for treating primary sea water, brackish water, well water, surface water and grey wastewater, utilizing membrane separation technologies (microfiltration, ultrafiltration, nanofiltration, reverse osmosis) together with chemical conditioning and mechanical filtration to produce high quality drinking water and pure desalinated water for industrial, civil and agricultural purposes.



We deliver cost effective, reliable water treatment plants and services to municipal, industrial, commercial, agricultural and institutional customers worldwide. We are active in Italy, Europe, Africa, Asia, Middle East and the Gulf region. Engaged in the desalination field, we offers our services and technical knowledge to optimize the process engineering in water treatment and process management, and to reduce the effects of water pollution.

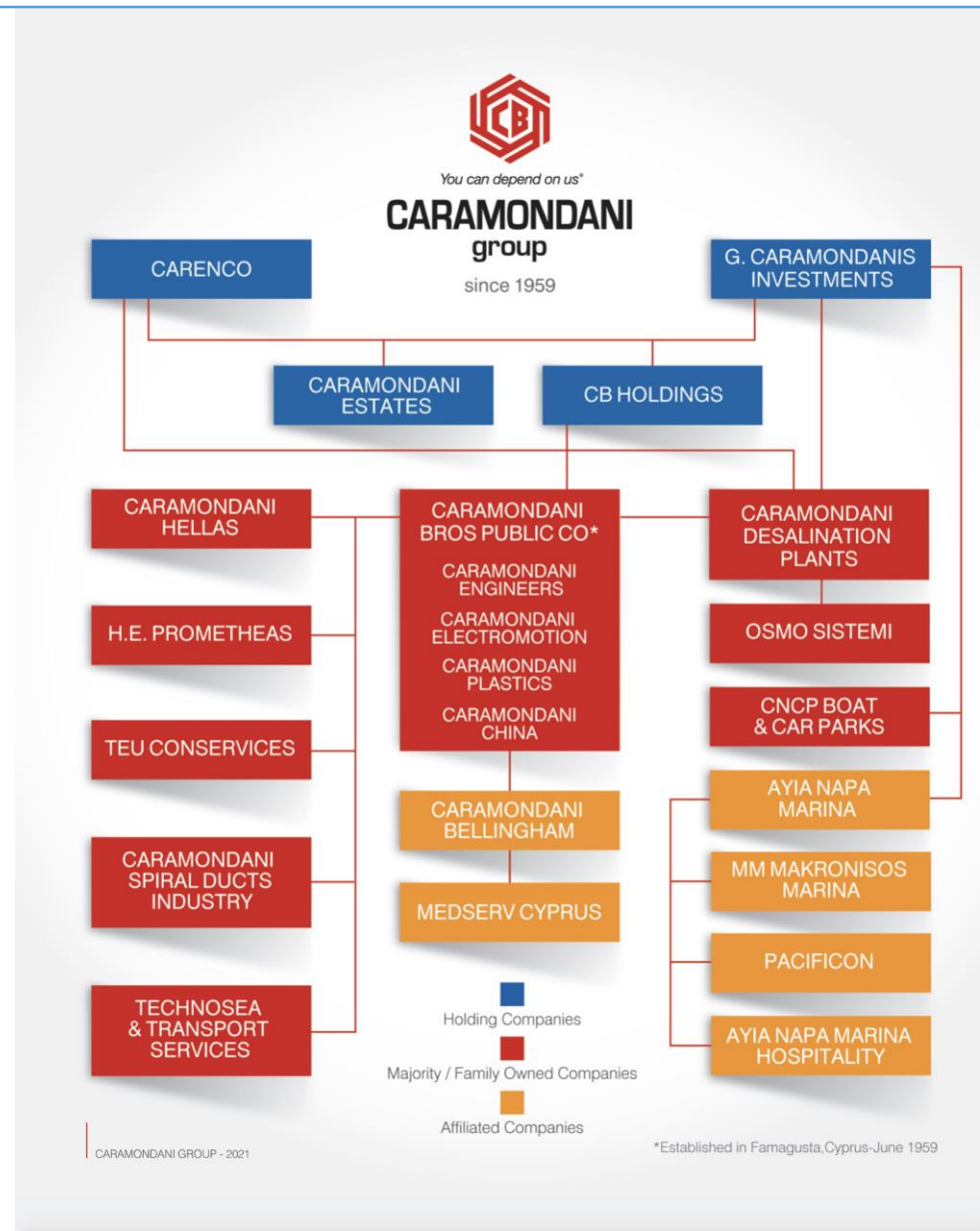




Company profile

Design

Solutions





## Quality Certificates

**RINA**

**CERTIFICATO N. 7115/02/S**  
**CERTIFICATE No.**

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI  
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

**OSMO SISTEMI S.R.L.**

VIA TONIOLO 8/B 61032 Fano (PU) ITALIA

NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIA TONIOLO 8/B 61032 Fano (PU) ITALIA E CANTIERI OPERATIVI

È CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD  
**ISO 9001:2015**  
E VALUTATO SECONDO LE PRESCRIZIONI DEL REGOLAMENTO TECNICO RT-05

PER I SEGUENTI CAMPI DI ATTIVITÀ / FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

PROGETTAZIONE, ASSEMBLAGGIO, INSTALLAZIONE, AVVIAMENTO ED ASSISTENZA POST VENDITA DI IMPIANTI  
PER IL TRATTAMENTO DELLE ACQUE

DESIGN, ASSEMBLY, INSTALLATION, COMMISSIONING, START-UP AND AFTER-SALES SERVICES FOR WATER  
TREATMENT PLANTS

La validità del presente certificato è subordinata a sorveglianza periodica annuale / semestrale ed al riesame completo del sistema di gestione con periodicità triennale  
The validity of this certificate is dependent on an annual / six monthly audit and on a complete review, every three years, of the management system  
L'uso e la validità del presente certificato sono soggetti al rispetto del documento RINA, Regolamento per la Certificazione di Sistemi di Gestione per la Qualità  
The use and validity of this certificate are subject to compliance with the RINA document, Rules for the Certification of Quality Management Systems

Prima emissione First issue	11.06.2002	Data decisione di rinnovo Renewed decision date	12.05.2017
Data scadenza Expiry Date	10.06.2020	Data revisione Revision date	01.06.2018

Uberto Candeloro  
Ancona Management System  
Certification, Head

**RINA Services S.p.A.**  
Via Corsica 12 - 16128 Genova Italy

**ACCREDIA**  
SQS n° 002 A  
Notary del Registro di Roma  
Riconoscimento SQS, IAF e IAS  
Signatory of ISO 9001 and IAS  
Member of the European Union

**IAF**  
INTERNATIONAL ASSOCIATION OF FURTHERING QUALITY

**CISQ**  
CISQ is a member of  
IQNet  
The International Certification Network  
www.iqnet-certification.com  
IQNet, the association of the world's first class  
certification bodies, is the largest provider of management  
System Certificates in the world.  
IQNet is composed of more than 80 member associations  
over 150 subsidiaries all over the globe.

Per informazioni sulla validità  
del certificato, visitare il sito  
www.rina.org

For information concerning  
validity of the certificate, you  
can visit the site  
www.rina.org

Per i requisiti della norma non  
applicabili al campo di applicazione  
del sistema di gestione  
dell'organizzazione, riferirsi alle  
informazioni documentarie relative.

Reference is to be made to the  
relevant documented information  
for the requirements of the  
standard that cannot be applied for  
the Organization's management  
system scope

La presente certificazione si intende  
intesa per scopi generali  
dell'impresa nel suo complesso ed è  
sottobastita da tutti gli organismi  
della impresa di costruzione al sensi  
dell'articolo 56 del D.Lgs. 50/2016 in  
Linea Guida RINA applicabili

IAF 18  
IAF-28

**IQNet**  
THE INTERNATIONAL CERTIFICATION NETWORK

**CERTIFICATE**

CISQ / RINA has issued an IQNet recognized certificate that the organization:

**OSMO SISTEMI S.R.L.**

VIA TONIOLO 8/B 61032 Fano (PU) ITALIA

in the following operative units:

VIA TONIOLO 8/B 61032 Fano (PU) ITALIA E CANTIERI OPERATIVI

has implemented and maintains a  
**Quality Management System**  
for the following scope:

DESIGN, ASSEMBLY, INSTALLATION, COMMISSIONING, START-UP AND AFTER-SALES SERVICES FOR WATER TREATMENT PLANTS

which fulfills the requirements of the following standard:  
**ISO 9001:2015**  
Issued on: 2018-06-01  
First issued on: 2002-06-11  
Expires on: 2020-06-10

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: **IT-26817**

**Alex Stoichitiu**  
President of IQNET

**CISQ**  
Ing. Claudio Provetti  
President of CISQ

**IQNet Partners\*\*:**  
AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy  
CQC China CQM China CQS Czech Republic CRO Cert Croatia DQS Holding GmbH Germany FCV Brazil  
FONDO NORMA International ICONTEC Colombia Inspecta Certification Finland INTECO Costa Rica  
IRAM Argentina IFA Japan KQI Korea KURETEC Greece MCSZ Hungary NENAS AS Norway NSAI Ireland PCBC Poland  
Quality Austria RINA Russia SKE Mexico SHI Israel SIQ Slovenia SIRIM QAS International Malaysia  
SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey Vigeo Belgium YUQS Serbia  
IQNet is represented in the USA by: AFNOR Certification, CISQ, IQS Holding GmbH and NSAI Inc.

\* This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document  
\*\* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

**OSMO SISTEMI**  
TECNOLOGIE TRATTAMENTO ACQUE  
WATER TREATMENT TECHNOLOGIES

**CERTIFICATO DI CONFORMITÀ**  
**CE**

Produttore : **OSMO SISTEMI S.r.l.**  
Via Toniolo n° 8b, 61032 FANO (PU) – ITALIA

Persona autorizzata a costituire il fascicolo tecnico:  
**Dott. Ing Evangelos Kantiliatis**

dichiara che il prodotto:  
**OSMO ECO**

Description: **Machina per il trattamento delle acque attraverso la  
tecnologia dell'osmosi inversa**

Modello: **OSMO** Tipo: **ECO 4**

Numero di matricola: **C1002**

Anno di costruzione: **2021**

risulta costruito in conformità con quanto previsto dalle seguenti direttive comunitarie,  
comprese le ultime modifiche, con la relativa legislazione nazionale di recepimento:

**Direttiva Macchine**  
2006/42/CE e D. LGS 17/2010

**Direttiva bassa tensione**  
2014/35/UE

**Direttiva compatibilità elettromagnetica EMC**  
2014/30/UE

Fano, 12 Gennaio 2021

**OSMO SISTEMI S.r.l.**  
Via Toniolo n° 8b, 61032 Fano (PU) Italy  
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osmosistemi@osmosistemi.it www.osmosistemi.it

Reperitorio Economico e Amministrativo n. 152049  
Iscr. Reg. Imprese di Pesca e Officio  
Codice Fiscale e Partita I.V.A. n. IT 02073060416  
Capitale Sociale € 1.275.000 i.v.

**CARAMONDANI**  
group



## About us



## Our core activity



Water treatment  
process engineering



Construction  
Manufacture  
Assembly



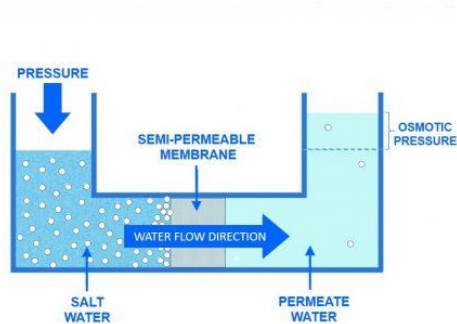
Installation  
Commissioning  
Start up



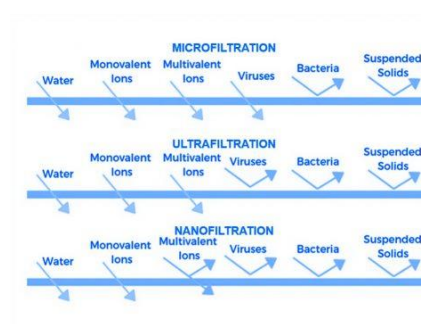
After sales  
service



## Water treatment technologies – More than 35 years competence and experience



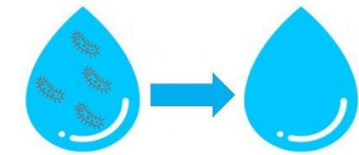
Reverse Osmosis



Micro Ultra Nano filtration



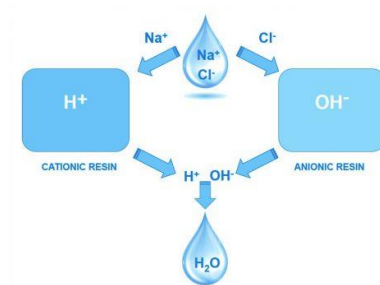
Filtration technologies



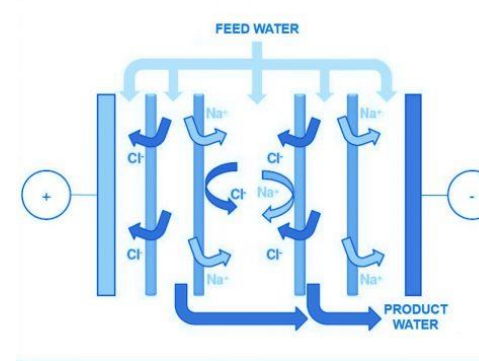
Disinfection



Aeration



Ion exchange



Electrodeionization



Remineralisation



## Applications



Hospitality sector



Civil use - Municipalities



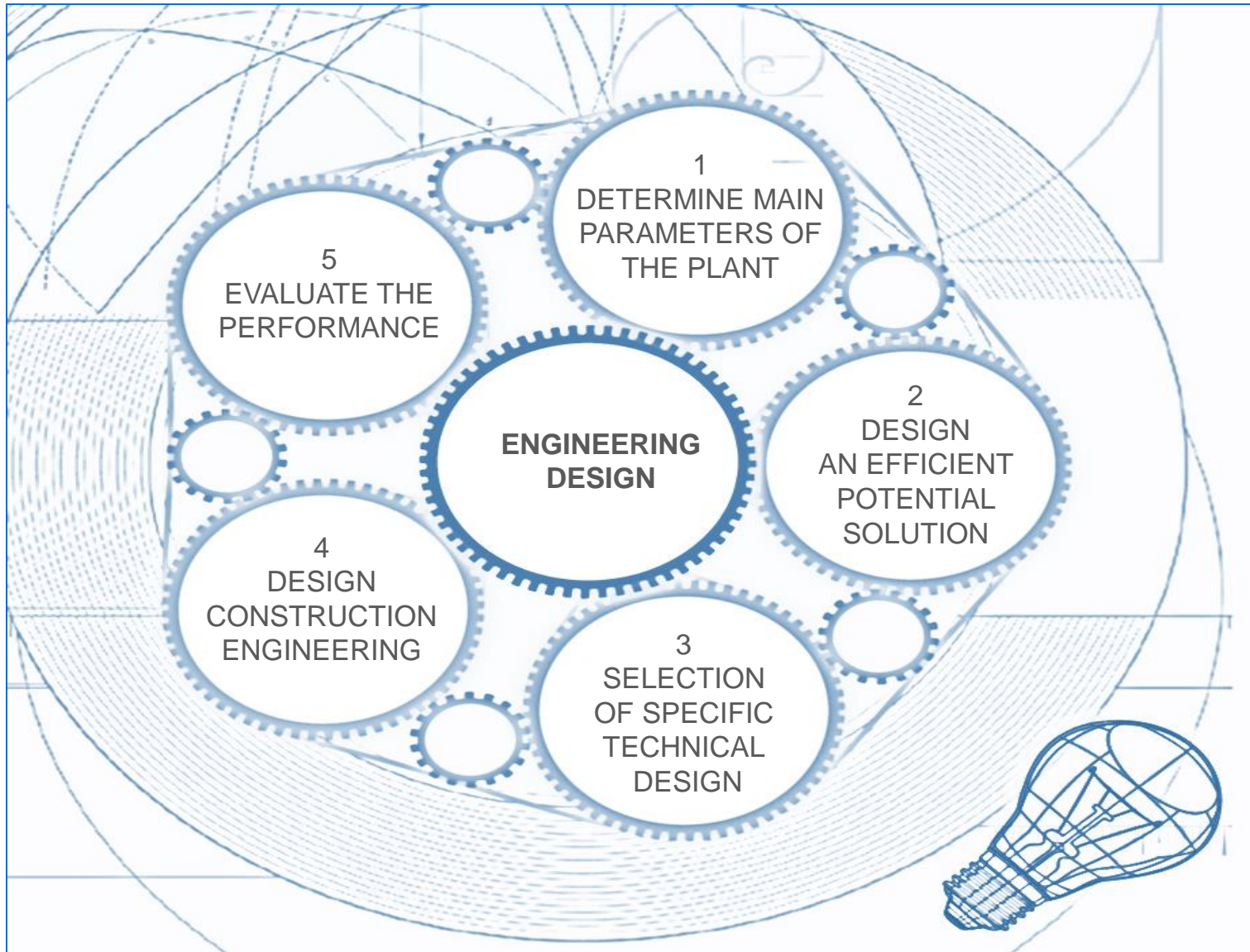
Industrial



Farming applications



Agriculture





## Engineering & Design



Erection on site



Compact containerized units



Open sea water intake



Dispatch of multiple plants

## Manufacturing



Lathing



Welding



Assembly



Special work processing



## Manufacturing



Skilled workers convert raw materials, parts and components into integral plants that meet customer expectations or project specifications. Work passion, experience in assembly, expertise in welding, knowledge of materials and different application techniques make the difference.



## O & M



## Products



As leaders in primary and industrial water treatment, we design, manufacture, market, install, commission and start up:

- Sea Water Reverse Osmosis (SWRO) Plants
- Brackish Water Reverse Osmosis (BWRO) Plants
- Containerized solutions
- Micro-Ultra-Nano filtration Plants
- Filtration systems
- Disinfection
- Aeration
- Ion Exchange resins plants (Softeners, BRS, Arsenic, Nitrates removal,...)
- Electrodeionization plants
- Post treatment solutions



## Facts



**1548+**

Plants sold

**405.000 m<sup>3</sup>/day**

Total daily production

**36**

Years of activity

**1270**

Satisfied clients



## Sea Water R.O. Plants (SWRO)



Type:	Sea Water R.O. Plant
	2 passes with BRS
Production:	68.000 m <sup>3</sup> /d
Purpose:	Drinking water
End user:	O&M operator
Country:	Cyprus



## Sea Water R.O. Plants (SWRO)



Type:	Sea Water R.O. plant
Production:	15.000 m <sup>3</sup> /d Permeate water
Purpose:	Drinking water
End user:	Municipality
Country:	Cyprus



Type:	Sea Water R.O. plant
Production:	240 m <sup>3</sup> /d Permeate water
Purpose:	Drinking
End user:	Municipality
Country:	Greece



## Brackish Water R.O. Plants (BWRO)



Type:	Brackish water R.O. plants
Production:	18.000 m <sup>3</sup> /d Permeate water
Purpose:	Drinking
End user:	Municipality
Country:	Morocco



## Brackish Water R.O. Plants (BWRO)



Type:	Brackish water R.O. plants
Production:	9.000 m <sup>3</sup> /d Permeate water
Purpose:	Drinking
End user:	Municipality
Country:	Morocco



Type:	3 Brackish water R.O. plants
Production:	1.200 m <sup>3</sup> /d Permeate water each
Purpose:	Drinking
End user:	Tourist Village resort?
Country:	Tunisia



## Containerized Plants



Type:	Sea water Nano Filtration plant
Production:	2.000 m <sup>3</sup> /d Permeate water
Purpose:	Industrial
End user:	Fish farming
Country:	North Europe



Type:	Brackish water R.O. plant
Production:	2 x 400 m <sup>3</sup> /d Permeate water
Purpose:	Industrial
End user:	Refinery
Country:	North Africa

## Containerized Plants



Type:	Brackish water R.O. plant
Production:	2x1.500 m <sup>3</sup> /d permeate water
Purpose:	Industrial
End user:	Food industry
Country:	Jordan



Type:	Brackish water R.O. plant
Production:	1.200 m <sup>3</sup> /d Permeate water
Purpose:	Drinking
End user:	Municipality
Country:	Italy

## Softeners



Type:	Softener plant
Production:	1.500 m <sup>3</sup> /d
Purpose:	Industrial
End user:	Hospital
Country:	Italy



Type:	Softener + Filtration plant
Production:	100 m <sup>3</sup> /d
Purpose:	Bus wash
End user:	Municipality
Country:	Latin America



## Contaminant Removal



Type:	Arsenic removal plant
Production:	500 m <sup>3</sup> /d
Purpose:	Industrial
End user:	Food industry
Country:	Italy



Type:	Nitrates removal plant
Production:	5 m <sup>3</sup> /d
Purpose:	Industrial
End user:	Food industry
Country:	Italy

## Remineralization - Boron Removal



Type:	Water rehardening
Production:	500 m <sup>3</sup> /d
Purpose:	Industrial
End user:	Industrial
Country:	Italy



Type:	Boron removal system
Production:	45.000 m <sup>3</sup> /d
Purpose:	Drinking
End user:	Municipality
Country:	Cyprus

## Other Plants



Type:	Filtration system
Production:	45.000 m <sup>3</sup> /d
Purpose:	Pretreatment to RO
End user:	O&M operator
Country:	Cyprus



Type:	Ultrafiltration system
Production:	1.200 m <sup>3</sup> /d
Purpose:	Industrial
End user:	Industrial
Country:	Italy





## Other Plants

Type:	Ozone + UV plant
Production:	1.000 m <sup>3</sup> /d
Purpose:	Drinking
End user:	Industrial
Country:	Libya



Type:	Pumping Station
Production:	6.000 m <sup>3</sup> /d
Purpose:	Drinking
End user:	Municipality
Country:	Morocco





THANK YOU

**OSMO SISTEMI**

TECNOLOGIE TRATTAMENTO ACQUE  
WATER TREATMENT TECHNOLOGIES