



DESALINATION TRENDS AROUND THE WORLD

EUROPE & NORTH AFRICA

**COMMITTED TOGETHER
TO WATER,
A SOURCE OF LIFE**



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WSTA - Muscat

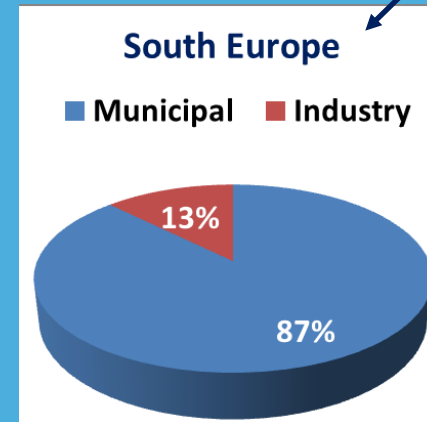
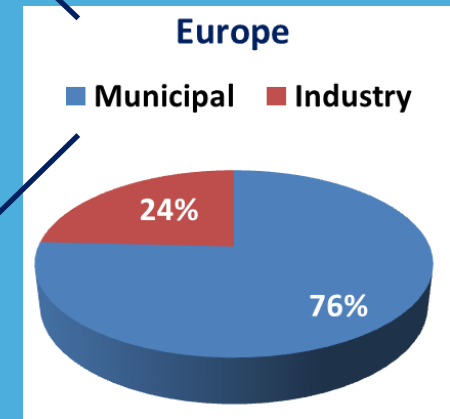
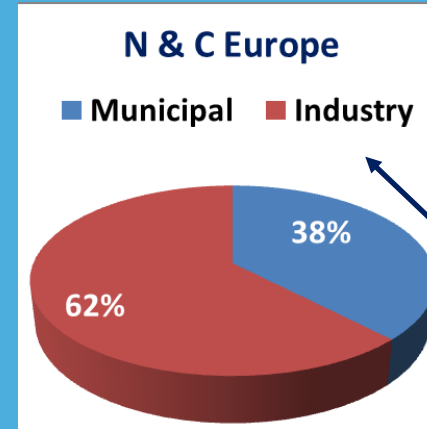
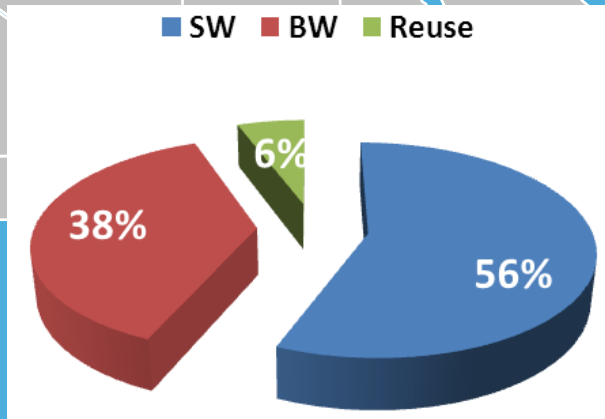
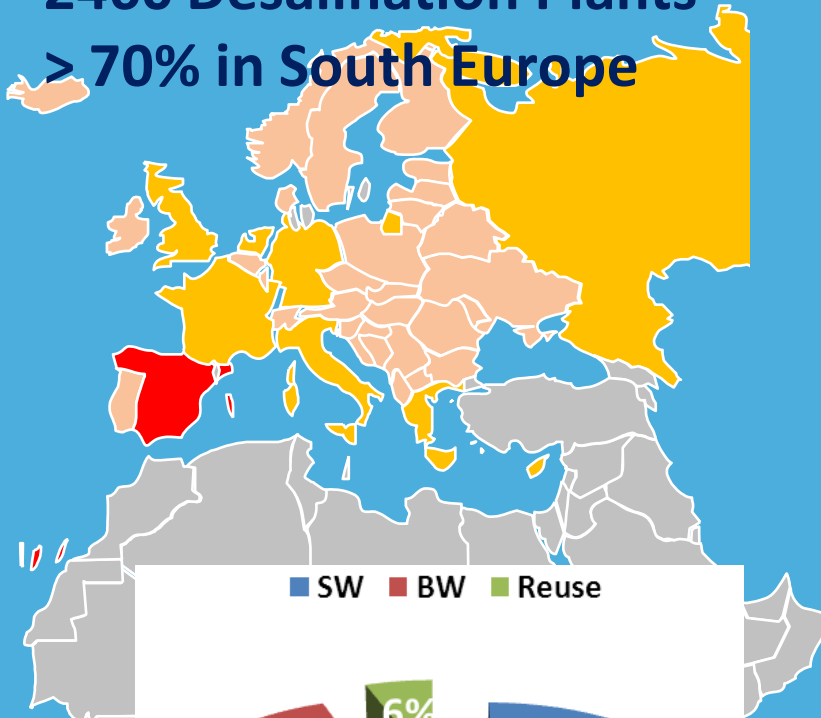
EUROPE & NORTH AFRICA



- ✓ It's **18%** of Global Desalination Market
- ✓ On line & Construction: **14 850 000** m³/day
- ✓ Over **3 500** Desalination Plants
- ✓ Market Leaders: France, Spain,...
- ✓ Origin of some Thermal Desalination processes
- ✓ Several UF suppliers
- ✓ No Main RO membranes manufacturing
- ✓ Many equipment manufacturers: Pumps, valves, pipes, Filters, PV's, membranes, etc.
- ✓ Research Centers

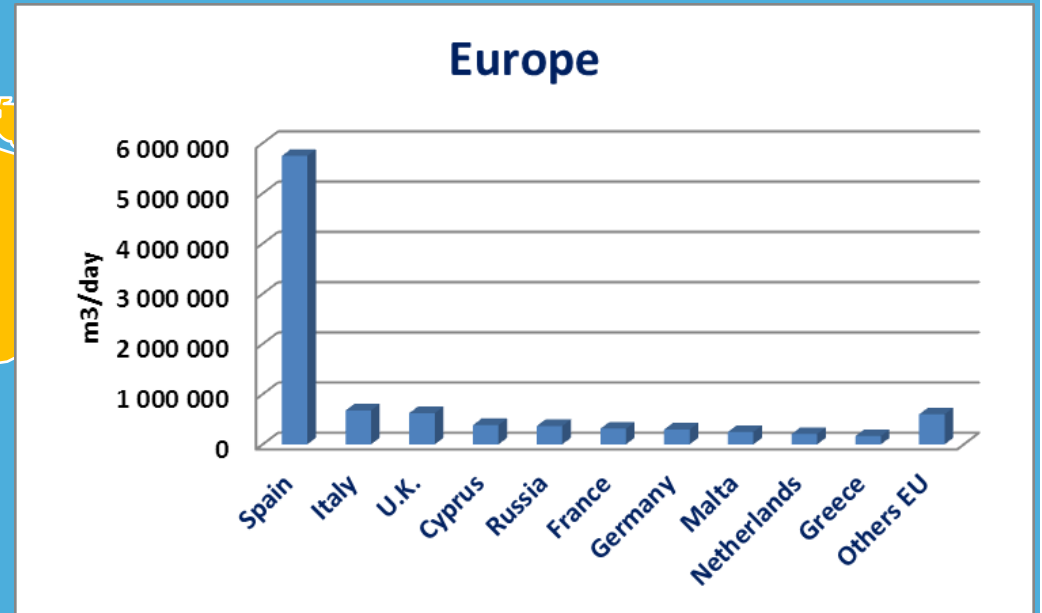
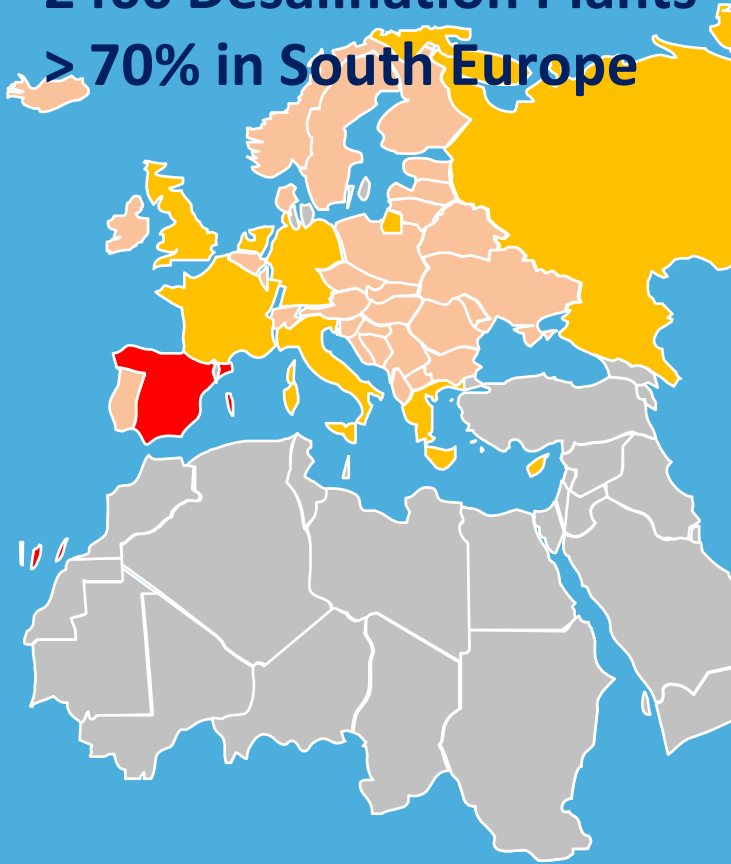
EUROPE: MARKET

9 615 000 m³/day
2460 Desalination Plants
> 70% in South Europe

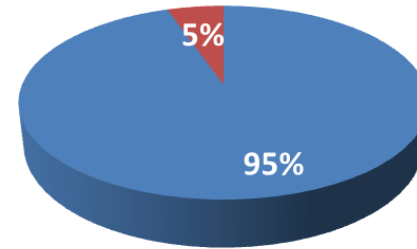


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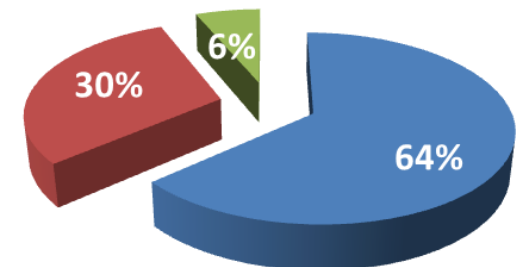


■ Membranes ■ Thermal



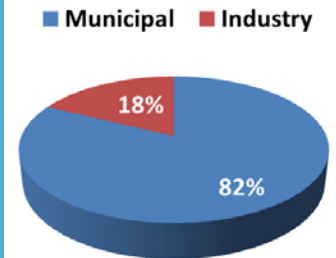
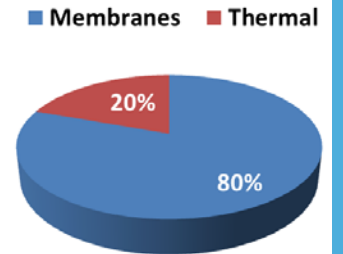
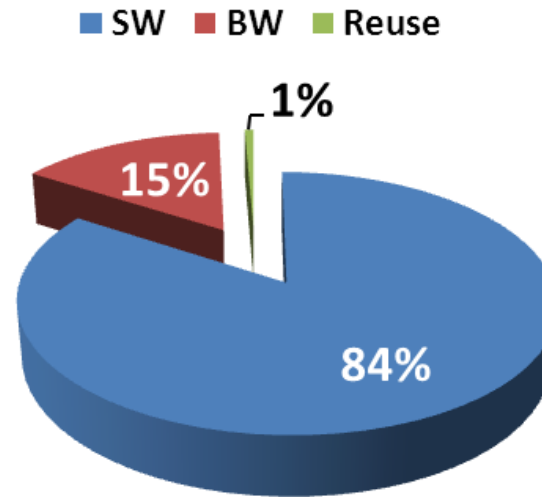
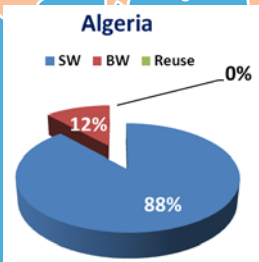
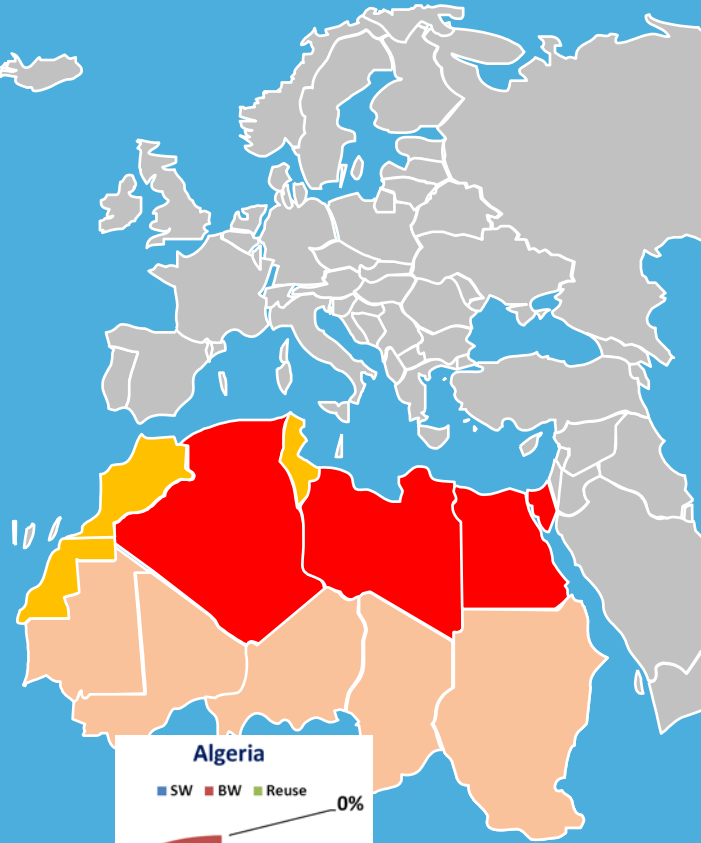
Spain

■ SW ■ BW ■ Reuse

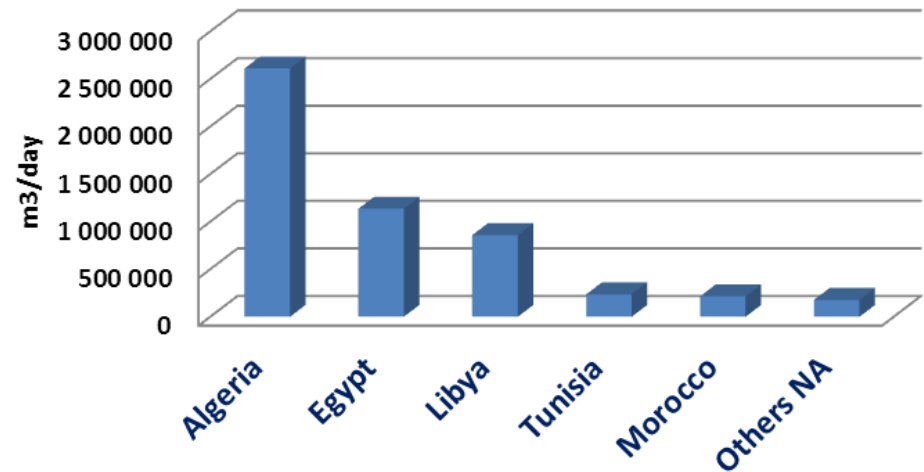


NORTH AFRICA: MARKET

5 230 000 m³/day
1078 Desalination Plants



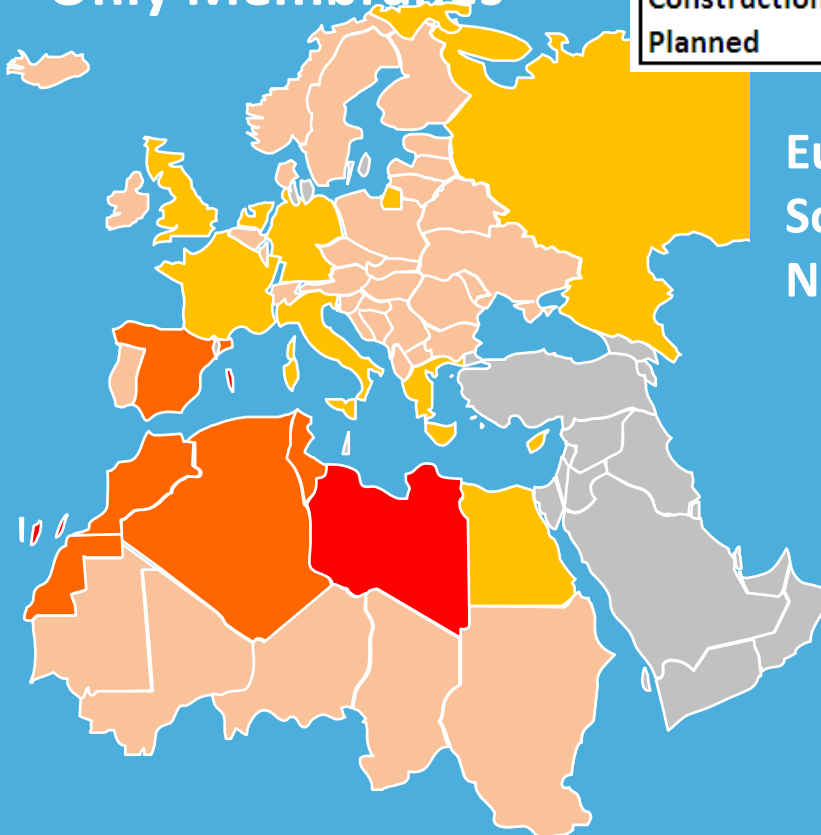
North Africa





FUTURE DESALINATION MARKET

**70 % Industry
Only Membranes**

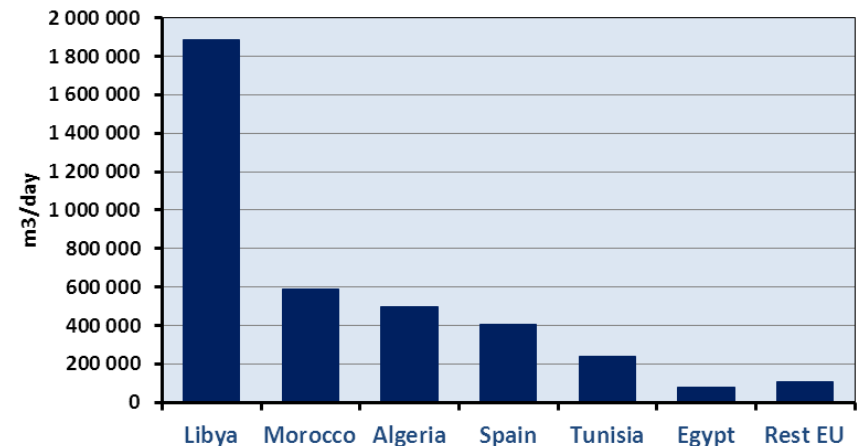


80-90 % SWRO

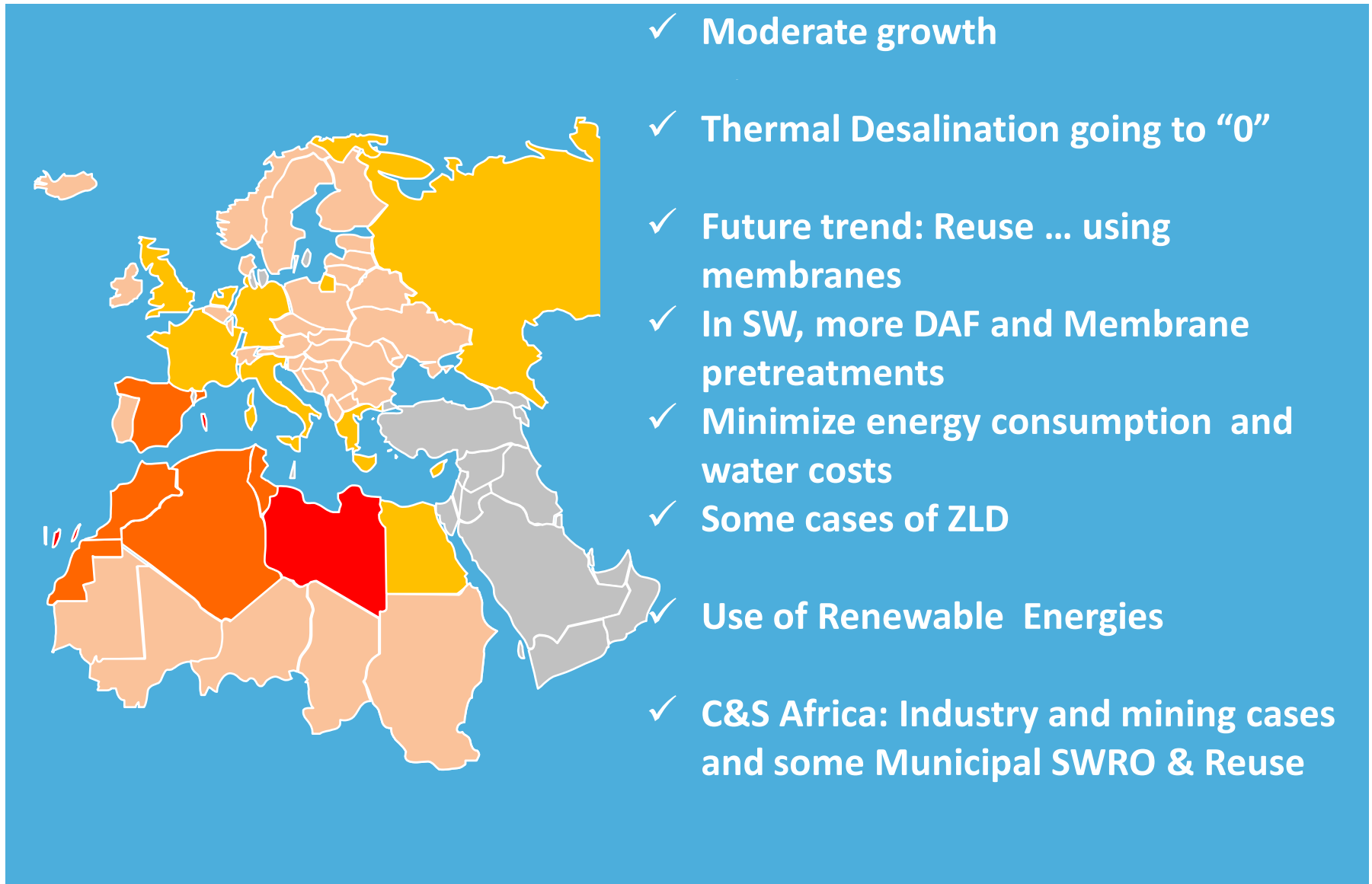
EUROPE & NORTH AFRICA	Total	m3/d		m3/d	
		SW	SWRO	SW	SWRO
On line	13 682 009	8 766 366	7 258 927	64.1%	53.1%
Construction	1 163 572	1 049 647	1 001 049	90.2%	86.0%
Planned	3 802 000	3 212 000	3 212 000	84.5%	84.5%

Europe: Driven by Industry
South Europe: some SW, Municipal, Reuse
North Africa: Mainly Seawater, potential of Libya , ...and Reuse (?)

Planned Projects EU NA



FUTURE DESALINATION TRENDS





DESALINATION TRENDS AROUND THE WORLD EUROPE & NORTH AFRICA

**THANK YOU
FOR YOUR ATTENTION**

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