

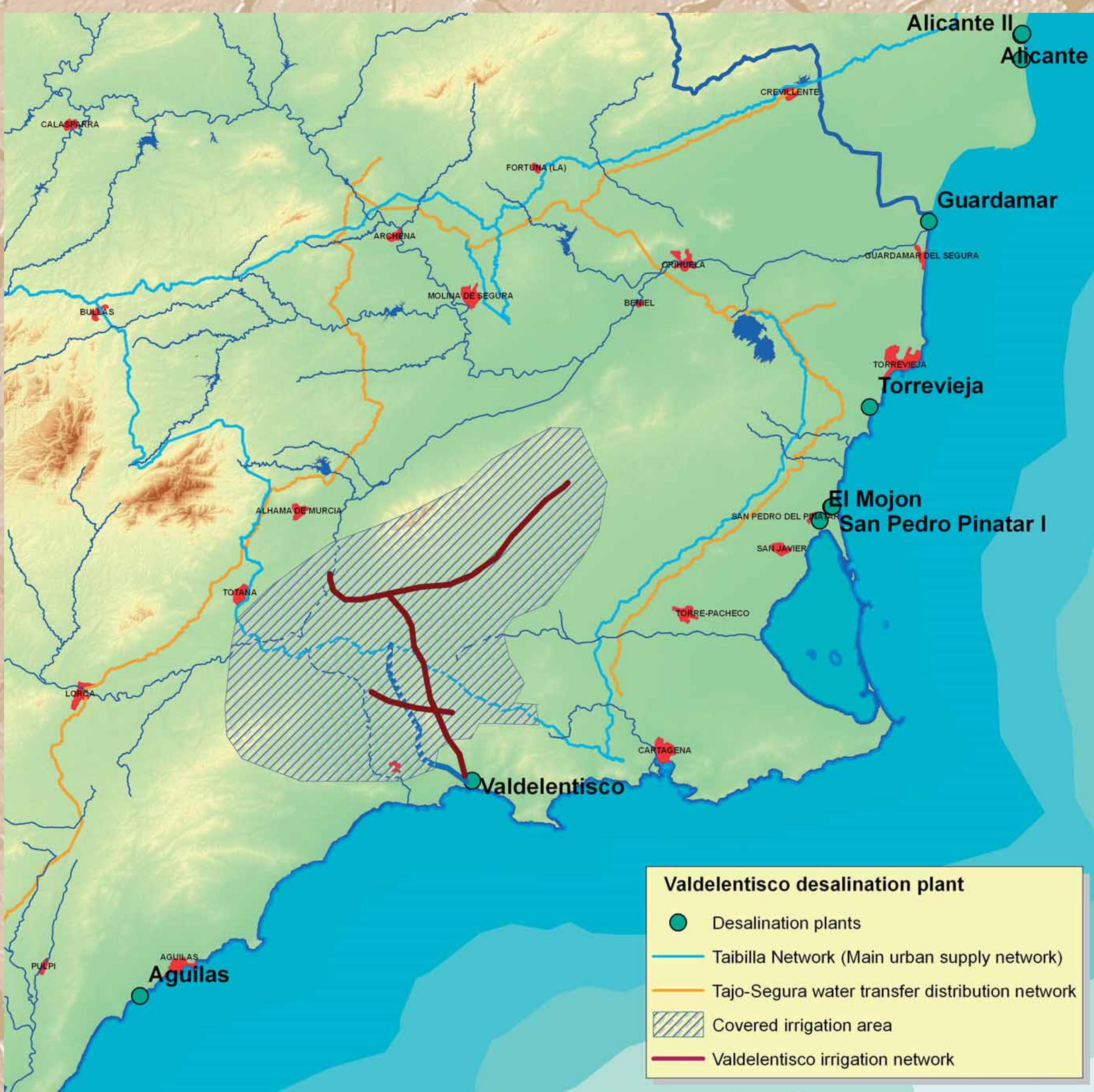
Segura river basin

Water Scarcity and Drought PILOT RIVER BASIN

DESALINATION PLANTS

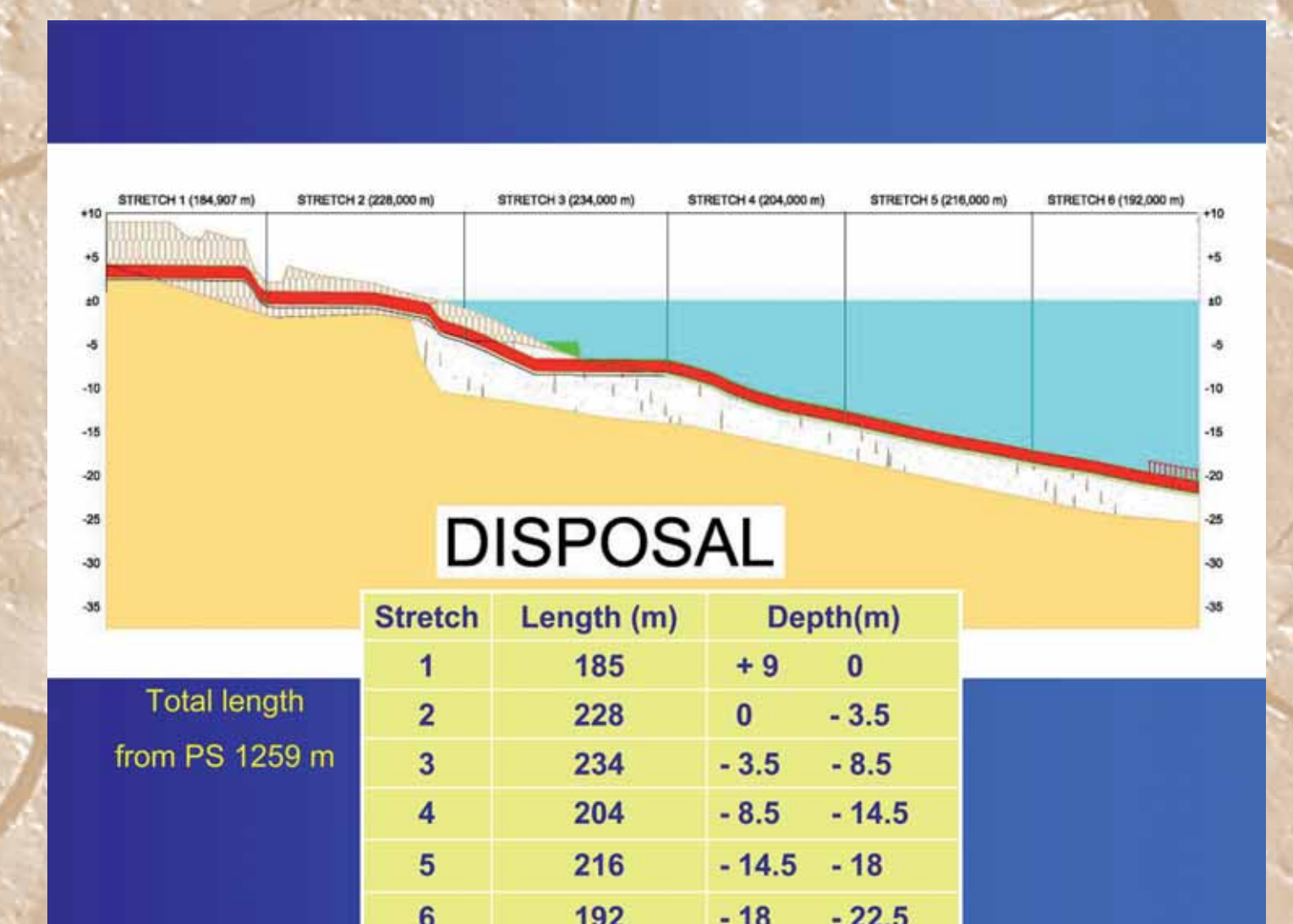
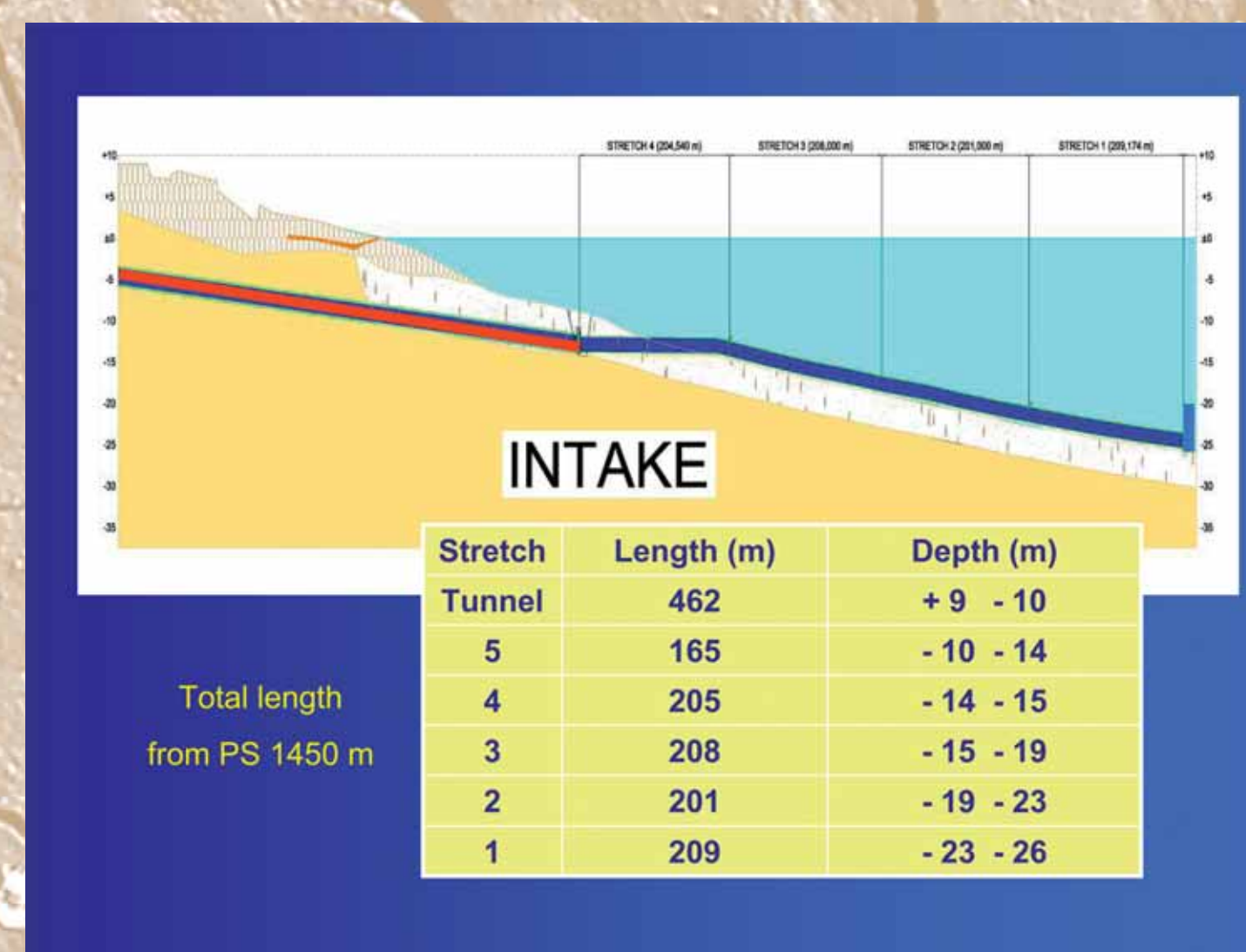
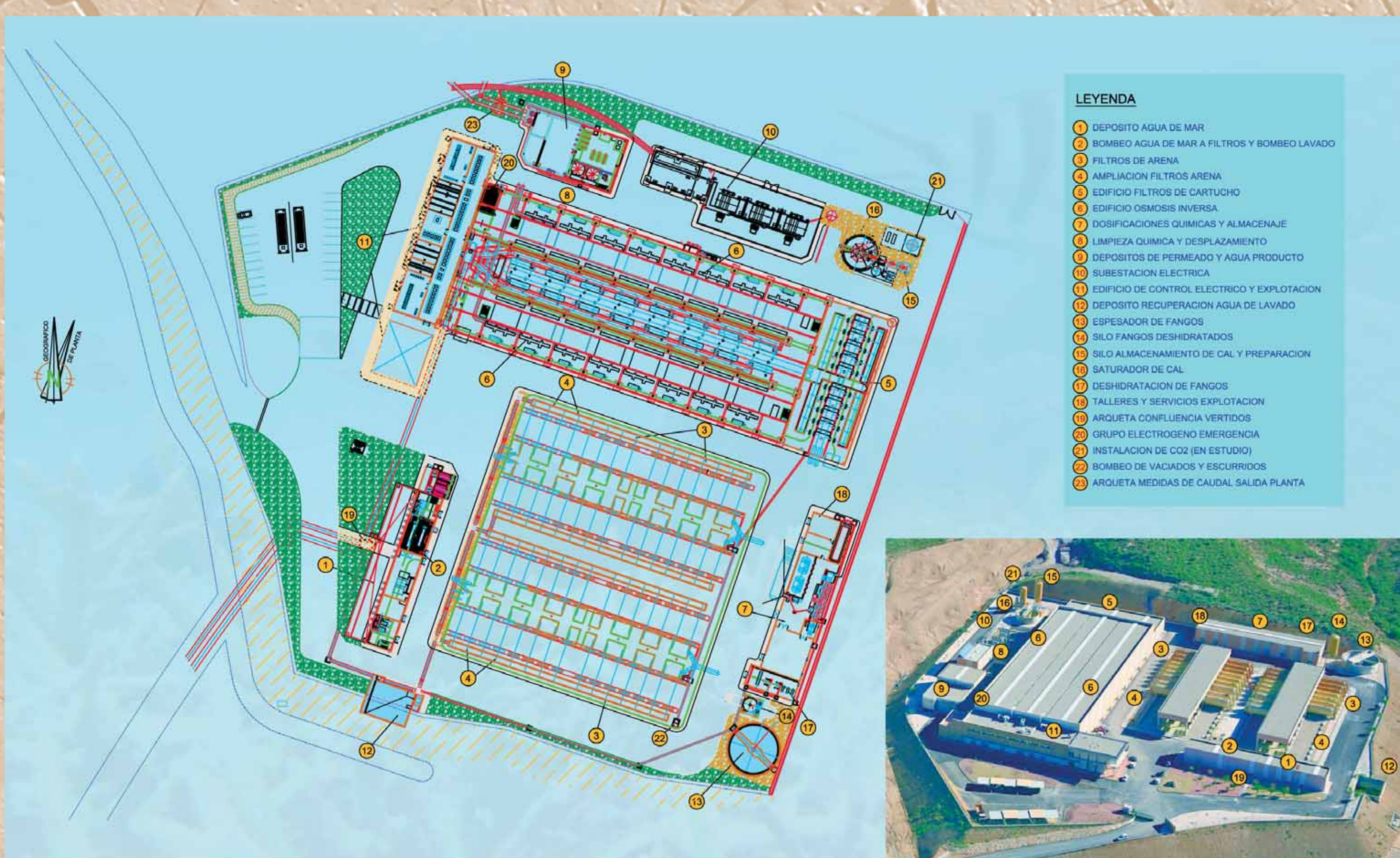
A measure towards an integrated water resource management

Valdelentisco sea water desalination plant:
220,000 m³/day for urban supply and irrigation



Production	
Total max. daily volume production (initial)	75,000 m ³
Total max. daily volume production (extended)	200,000 m ³
Quality of produced water	
CL	< 275 ppm
Total salinity	< 600 ppm
Boron	< 1 ppm
pH	Between 7-8
Permeated water SAR before pH correction	< 8
Conversion	0,5

Water destination (hm ³)		
	Year 2010	Year 2015
Irrigation	37	37
Urban supply	20	33
Total	57	70
Total investment (Desalination plant and networks)		
250 M€		



High pressure pumps and membrane racks



Membrane racks



Cleaning water system



Security cartridge filters



Aerial view

For further information, please visit: <http://www.chsegura.es>