



List of Main References since 1990

Desalination

Plants designed, checked or supervised by Dr Rognoni

List updated till Apr-23

Project	Vendor	Client	Owner	Site	Country	Type	Use	Capacity	Year	Notes
1 Power Plant	Sowit	Castagnetti	Sonelgaz	Jijel	Algeria	MSF	Feed to PP	4 x 500 T/d	1990	
2 Power Plant	Sowit	Ansaldo	ENEL	Sulcis	Italy	MSF	Feed to PP	2 x 600 T/d	1990	
3 Power Plant	Sowit	ABB	SCECO W.	Rabigh	Saudi A	MSF	Feed to Refin.	1 x 4320 /d	1991	
4 Power Plant	Sowit	ENEL	ENEL	Termini Im.	Italy	MSF	Feed to PP	2 x 1440 T/d	1992	Shell in CuNi
5 Power Plant	Sowit	SARAS	SARAS	Sarroch	Italy	MSF	Feedto Refin.	1 x 9000 T/d	1993	
6 Power Plant	Sowit	Ansaldo	Sonelgaz	Mers el Hadj.	Algeria	MSF	Feed to PP	4 x 500 T/d	1993	
7 Power Plant	Sowit	ENEL	ENEL	Montalto	Italy	MSF	Feed to PP	3 x 2400 T/d	1994	
8 New Design	Sowit	EEC	ENEL	Piombino	Italy	LTF	Feed to PP	1 x 600 T/d	1994	
9 Qafco 3	Belleli	Uhde	QAFCO	Mesaieed	Qatar	MSF	Feed to Refin.	1 x 2640 T/d	1996	
10 Power Plant	SWS	TAIDC	Taipower	Kinmen	Taiwan	MED/TVC	Feed to PP	2 x 300 T/d	2001	
11 NGL-4	SWS	HDEC	QP	Mesaieed	Qatar	MED	Feed to Refin.	2 x 50 T/d	2002	
12 Power Plant	SWS	EDF Cnet	EDF	Jarry Sud	Guadelupe	MVC	Inj to Turbines	1 x 240 T/d	2004	
13 Power Plant	SWS	BARC	BARC	Trombay	India	MVC	Feed to PP	1 x 50 T/d	2005	Demonstration Plant
14 Vasilikos Ph 3	SWS	J&P	CEA	Vasilikos	Cyprus	MED/TVC	Feed to PP	1 x 900 T/d	2009	Shell in CuNi
15 Prototype	SWS&GB	NIOT	NIOT	movable	India	LTF	Potable	100 T/d	2009	Demonstration Plant
16 Power Plant	SWS	HICO	ORC	Al Fahal	Oman	MED/TVC	Feed to Refin.	1 x 1500 T/d	2010	
17 Power Plant	OFMECO	ENEL	ENEL	Termini Im.	Italy	MSF	Feed to PP	2 x 1440 T/d	2011	Refurbishment
18 Pilot Plant	Vapour Desal	SWS&GB	SWS&GB	Trichy	India	LTF	Process Test	NA	2011	Pilot Plant
19 Power Plant	SWS	POSCO	AES	Campiche	Chili	MED/TVC	Feed to PP	1 x 2680 T/d	2012	
20 Solar Plant	Vapour Desal	KG Des	Government	Ramdan	India	MED/TVC	Potable	6 T/h	2012	Heat from Fresnel Solar
21 Power Plant	SWS	Cadafe	Cadafe	Planta Centro	Venezuela	MED/TVC	Feed to PP	2 x 2500 T/d	2013	
22 Power Plant	SWS	IPS-Toyo	Pequiven	Moron	Venezuela	MED/TVC	Feed to Refin.	1 x 2500 T/d	2013	
23 Power Plant	GB Engg	BARC	BARC	Trombay	India	MED/TVC	Feed to PP	1 x 240 T/d	2013	
24 Power Plant	Vapour Desal	NTPC	NTPC	Simhadri	India	MED/TVC	Feed to PP	1 x 250 T/d	2015	Heat Recov. from Flue G.
25 Pilot Plant	Vapour Desal	IIT	Ministry	Tamil Nadu	India	MED	Potable	10 T/d	2017	Heat from Solart Panels
26 Islands	Vapour Desal	Comacoe	Ministry	Lakshadweep	India	LTF	Potable	3 x 150 T/d	2018	Ocean Heat Exploitation
27 Power Plant	NIOT	NTPC	TTPS	Tuticorin	India	LTF	Pot.+Process	2 x 1000 T/d	2018	Flash of Condensr Disch
28 Sand Mine	Vapour Desal	Acoustics	IREL	Odisha	India	MED/TVC	Process Test	2 x 150 T/d	2022	