

ATTENDANCE AT CONTRACTING AUTHORITY			
Years	Contracting authority / Location	Benefit	Partners
2004 2007	<b>CINOR</b> / Saint Denis – Réunion Island	Technical attendance at contracting authority for St Denis de La Réunion waterfront development(53 M€)	J.F. REVERT F. GOYET
2002 2004	La Rague harbor	La Rague harbor redevelopment : Technical attendance at contracting authority for master of work monitoring : 3,5 M€	BEI
2001 2002	<b>ACEL</b> – Measurements and reports of Loire estuary (NANTES)	Attendance at contracting authority for flood measurements campaign on the estuary  <ul style="list-style-type: none"> <li>○ 6 operations definition</li> <li>○ Suspended materials measurement campaign</li> <li>○ Acquisition and treatment of Loire satellital data</li> <li>○ Sediment tracing campaigns</li> <li>○ Fluid mud mechanical behavior</li> </ul>	
1996 1998	<b>TOULON</b> :city council - used water discharge (SIRTEMEU)	Water discharge survey program	
1996 1997	<b>NICE</b> City council : Architecture and urbanism	Preliminary studies to Nice waterfront development plan :	J.P. CLARAC Paysagiste DPLG

<b>HARBOR STUDIES</b>			
<b>Years</b>	<b>Contracting authority / Location</b>	<b>Benefit</b>	<b>Partners</b>
1992	Pointe-à-Pitre / Jarry	Container area extension, impact study	TERSUD
1995	Groix (56)	Roughness in east basin of Port Tudy :	ACRI
1996	Toga harbor	Impact study of seawall reinforcement	BEI
1998	La Turballe harbor	Hydraulic and sediment studies for quay construction	
1998 1999	Marine service & boating Loire-Atlantique (44)	Hydraulic and sediment studies	
1998	St Nazaire city council (44)	La Baule harbor - Le Pouliguen : roughness study	RIVAGES
1999	La Rague harbor	Harbor redevelopment	
2000	Pradet city (83)	Oursinières harbor extension project : Hydraulic and sediment studies	
1999 2000	SteMaxime - SEMA (83)	Careening area transfer : impact and feasibility study	
2000	Camille Rayon harbor	Seawall extension impact study – Glofe Juan harbor	
2001	Var department council	Ayguade harbor redevelopment, roughness study :	
2002	Var department council	Avis harbor roughness study	
2002	Alpes Maritimes department council	Cannes harbor environmental study	
2001 2002	Sarl La Rague 2000 (06)	o La Rague Harbor redevelopment- feasibility study	

HARBOR STUDIES			
Years	Contracting authority / Location	Benefit	Partners
2002	Saint Joseph city	Harbor designing schema contest (2d)	ZONE UP - SOCETEM
2002	Serra di Ferro city	Harbor structures modification study	BEI
2003	Six-Fours city	Roughness study	Sapiteur pour l'expert Gavarrri
2003	Six-Fours city	Brusc harbor development project : impact study	
2003	Six-Fours city	o Brusc harbor development project : Water law	Sémaphores Médiaterre
2003	Var department council	St Raphael Old harbor roughness study	
2003	Saint Nazaire city council	Piriac harbor : breakwater establishment study	
2003	La Rague (06)	La Rague boating harbor redevelopment o Dredging impacts study	
2003	Mandelieu La Napoule international yacht club (06)	Careening aera redevelopment and rain water collecting (water laws)	
2003-2004-2005	Port La Napoule yacht club(06)	Environmental quality study of Port La Napoule	
2004-2006	Pradet city (83)	Oursinières harbor environmental diagnosis	
2004	Toulon city(83)	Orosco seawall stability study	
2004	SEMA - Ste Maxime city	Préconil harbor feasibility study	
2004	Rouen harbor	Seine banks protection designing study	

HARBOR STUDIES			
Years	Contracting authority / Location	Benefit	Partners
2005	Menton city Alpes Maritimes dpmt council	Menton harbor environmental diagnosis	
2005 2006	La Rague harbor exploitation company (06)	La Rague harbor environmental diagnosis :	
2005 2006	Pornichet city	Hydraulic and sedimentologic study	
2005 2006	Vendée dpmt council (85)	Yeu Island, Port Joinville -: boating facility optimization:	
2006	Oursinières harbor	Environmental diagnosis	
2006 2007	Rouen harbor(76)	Dredging deposit study	
2006 2007	Rouen harbor	Dredging deposit study	
2007	Sari-Solenzara council	Environmental diagnosis	BEI
2007	Frioul If Express Maritime station	Marseille Old harbor roughness study	
2008	St Raphael harbor	Agay harbor extension study	Atelier J-P CLARAC

## SHORE PROTECTION STUDIES AND DESIGN

Years	Contracting authority / Location	Benefit	Partners
1992	Calvi city (2B)	Sediment transport study	
1992	South Corsica equipment depmt (2A)	Santa – Giulia gulf : Hydrodynamic and sedimentologic study	
1994	Golfe-Juan city	Midi beach erosion : sedimentologic and hydraulic study	
1996	Gard Depmt council	Petite Camargue shore hydrosedimentary process study	Atelier des paysages (A. CHEMETOFF)
1996	Calvi city (2B)	Beach protection : Emergency and definitive protection strategy	
1999	Fleury d'Aude city	Shore protection system study	Bureau des paysages (A. CHEMETOFF)
2000	Gard equipment (30)	Flooding risk characterization	CEDRAT Développement
2001	Bréhal city	Impact study of the protection seawall	
2001	Seine Maritime depmt council	Ste Adresse beach : protection works redevelopment	
2001 2002	Hyères les Palmiers city	Giens West tombolo protection	

## SHORE PROTECTION STUDIES AND DESIGN

Years	Contracting authority / Location	Benefit	Partners
2001 2002	Charente Maritime depmt council	<p>Shore protection works: impact studies:</p> <ul style="list-style-type: none"> <li>○ Saint Martin de Ré - La Cible shores</li> <li>○ Rivedoux - Rivedoux Plage shores</li> <li>○ Ste Marie de Ré - Port Notre-Dame shores</li> <li>○ Ste Marie de Ré - Les Grenettes shores</li> <li>○ Etier Neuf (Oléron Island)</li> <li>○ Chassiron point (Oléron Island)</li> <li>○ Ile Madame shores</li> <li>○ Meschers – Arces shores</li> <li>○ Ste Marie de Ré - la Maladrerie Sud shores</li> <li>○ Perrotine seawall (Oléron island)</li> <li>○ Loix shores - Cul d'Ane seawall</li> <li>○ Ste Marie de Ré – Montamer shores</li> <li>○ St Martin de Ré shores - from Vert Clos to Moulinatte</li> <li>○ Aix island : Anse de la Croix, Moulins seawall, Tridoux beach, Bois Joly seawall, Jamblet seawall, Fougères groynes, Pointe du Parc seawall, Grand Chemin seawall, Saint-Eulard point</li> <li>○ la Couarde shores, from la Moulinatte to goisil</li> <li>○ Esnandes-Marsilly shores : seawall, Saint-Clément point, Coup de Vague</li> <li>○ Les Herbiers-Clénandre (Ré island)</li> <li>○ Fiers d'Ars : Ars en Ré, les Portes en Ré seawall redevelopment project</li> </ul>	TECHMAR
2003	Calvi city	Marine erosion protection system study	
2004	Haute-Corse depmt council	Cagnano beach redevelopment	
2004	Six Fours city	Bonnegrâce beach protection study : roughness study	
2004	SYMADREM (Syndicat Mixte d'Aménagement des Dignes du Rhône Et de la Mer)	Saintes Maries de la Mer beach nourishment feasibility	
2006	Noirmoutier island council	Eloux dunes : shore protection strategy	
2007	Noirmoutier island council	Eloux dunes : shore protection strategy complementary studies	

<b>DREDGING STUDIES – DREDGING DISCHARGE</b>			
Years	Contracting authority / Location	Benefit	Partners
1993	Marseille harbor	Dredging and dredging deposit study	TERSUD
1994	Marseille harbor	Dredging deposit impact in Fos	TERSUD
1996	Caen (14)	Preliminary Sedimentary study to dredging works	HYDRATEC
1997	Development institute of Vilaine (56)	Dredging impact studies	RIVAGES
1999	Morbihan dpmt council	Dredging deposit areas study	RIVAGES
1999	Vendée dpmt council (85)	Fromentine terminal : maintenance dredging , dredging deposit area study	RIVAGES
1999	Bréhal city	St Martin de Bréhal shores, shore protection works	RIVAGES
2000	Association syndicale libre des riverains de la Giscle et de la Gisclette	La Giscle and la Gisclette dredging works study : environmental study	RIVAGES
2000	Deauville city	Impact of dredging deposition in Seine bay,	
2000	Deauville city (14)	Deauville harbor : dredging deposition area study	
2000	La Londe les Maures town council	Dredging works feasibility study	
2001	Calvados depmt council	Grandcamp-Maisy harbor : dredging disposal area study	
2002	Barneville-Carteret city (50)	Carteret harbor :harbor channel dredging study	
2002	Portbail city	Harbor channel dredging study	
2006	La Rague harbor exploitation company (06)	Impacts of channel dredging	

## USED WATER DISCHARGE AT SEA

Years	Contracting authority / Location	Benefit	Partners
1989	Morianincu council (Santa Maria Poggio)	Offshore outflow construction preliminary study	
1991	Fréjus - St Raphaël	Outflow impact: currents, etc..	
1991	Roquebrune sur Argens city	Roquebrune sur Argens outflow effluent study	
1991 1992	Nice city	Nice city waste waters reject study	
1992	Roquebrune sur Argens city	Currents and marine environment study	
1994	Roquebrune sur Argens city	Outflow impact on hydraulics	
1994	Fréjus - St Raphaël	Waste water treatment plant: rejects at sea study	
1995	Maures Shores council	o Waste water treatment plant extension impacts	
2002	Lavandou/Le Rayol Canadel	Cavalière beach outflow impacts	
2002 2003	St Cyr sur Mer city	Waste water plant extension environment study	
2003	Le Lavandou / Le Rayol Canadel	Outflow setting up allowing study	
2003	Borme les Mimosas / La Londe / Le Lavandou	Lavandou beach outflow	
2004	Borme les Mimosas / La Londe / Le Lavandou	Waste water outflow	BEI

## RIVER AND ESTUARINE STUDIES

Years	Contracting authority / Location	Benefit	Partners
1995	Development institute of Vilaine (56)	Vilaine estuary silting up study	RIVAGES
1996	Var depmt council - Habitat et Société	Hydraulic diagnosis	
1997	Arcs sur Argens city	Real overtopping Water laws	
1999	Development institute of Vilaine (56)	Compared sediment deposit and bathymetric survey 1998	RIVAGES
2000	Development institute of Vilaine (56)	Compared sediment deposit and bathymetric survey 2000	
2004	Rouen – Seine valley harbor	Seine estuary quays restoration	
2004	Rouen autonomous harbor	Seine banks protection designing study	

OVERSEAS STUDIES			
Years	Contracting authority / Location	Benefit	Partners
1992	Guadeloupe autonomous harbor	Point à pitre container terminal extension	
1992 1993	<b>TUNISIA - MARINVEST</b>	Marina designing in South Hammamet- : <ul style="list-style-type: none"> <li>o Currents and sediments measurements and sampling</li> <li>o South Hammamet shore hydrodynamic study</li> <li>o Impact study</li> </ul>	SEMA
1994	<b>MOROCCO - SOGEA</b>	Waste water effluent localization AL HOCEIMA : <ul style="list-style-type: none"> <li>o Outflow designing</li> </ul>	
1995 1996	<b>TUNISIA – Equipment minister</b>	Guidance trough marine erosion general study on Tunisian shores	BONNEFILLE, MIGNIOT, LAFOND
1997	<b>TUNISIA -:</b> Jerba Island	Aghir fishing harbor- hydrodynamique and sedimentologic feasibility diagnosis study.	STUDI
1998	<b>LEBANNON - DAR EL HANDASAH</b>	Beyrouth boating harbor : Alpha Project <ul style="list-style-type: none"> <li>o Sedimentologic study : project impacts</li> </ul>	ACRI
1998	<b>TUNISIA – Economic development minister</b>	North Tell <ul style="list-style-type: none"> <li>o Projects studies: coastal parts</li> </ul>	BELGROMA ABDELKAFI CONCEPT
1999 2000	<b>TUNISIA (SEAMHS)</b>	South Hammamet Marina impacts sedimentologic monitoring <ul style="list-style-type: none"> <li>o Mission 1 : April 1999</li> <li>o Mission 2 : May 2000</li> </ul>	COMETE Ing.
2002	Saint Joseph city (Reunion Island)	Vincendo harbor designing	Zone UP
2003 2004	<b>TUNISIA (SEAMHS)</b>	Marina impact on seaweed deposit, assessment	
2005 2006	<b>TUNISIA –Korbous tourism society</b>	Coastal shelter construction in KORBOUS : hydraulic and sedimentologic study <ul style="list-style-type: none"> <li>o Phase I : wave approach sediment transport</li> <li>o Phase II : roughness study</li> <li>o</li> </ul>	MECATER
2006	<b>TUNISIA -BIZERTE CAP 3000</b>	Bizerte boating harbor : roughness study	MECATER
2006	<b>TUNISIA - Jerba Menzel hotel</b>	Beach protection assessment	MECATER

<b>OVERSEAS STUDIES</b>			
<b>Years</b>	<b>Contracting authority / Location</b>	<b>Benefit</b>	<b>Partners</b>
2006	<b>TUNISIA</b> - Magic Life hotel	Beach protection preliminary study	MECATER
2007	<b>MOROCCO</b> - AGADIR	Agadir water front and bay development : hydraulic and sedimentologic study	TECTONE
2006 2007	<b>TUNISIA</b> - <i>Environment minister</i>	Sidi Bou Saïd beach protection study : <ul style="list-style-type: none"> <li>○ Phase 1 : assessment, samplings</li> <li>○ Phase 2 : roughness study</li> </ul>	MECATER
2007	<b>BEROKKO LIBYA</b> - Tripoli	Boating harbor designing,, seawall designing and beach protection	MECATER
2007 2008	<b>Monaco Principality</b> <i>SAML</i>	Monaco water front urbanization – marine environment impacts	