

# DRAVOSA

## Projects Executed

EXECUTION PERIOD	DESCRIPTION OF THE CONTRACT	CLIENT	CONTRACT Thousand EUROS	EQUIPMENT USED	QUANTITY Thousand M3
1987	Dredging of a trench for the construction of a quaywall in the port of El Ferrol (Spain)	Dragados y Construcciones S.A.	177	VOLVOX SCALDIA	83
1987	Dredging of the entrance channel of the port of Barcelona (Spain)	J.V. DRASA S.A.	390	VOLVOX SCALDIA	187
1987	Beach nourishment in Denia. Alicante (Spain)	Ministry of Public Works	1.132	VOLVOX SCALDIA	580
1988	Beach regenerations, province Almeria (Spain) . Playa de Aguadulce . Playa de Adra . Playa de Balerna . Playa de Guainos	Ministry of Public Works	811	VOLVOX SCALDIA	305
1988	Beach nourishment Cadzand (The Netherlands)	Dredging VO2	364	VOLVOX SCALDIA	620
1988	Regeneration and construction of the beaches Maresme and Mar Bella. Barcelona (Spain)	Ministry of Public Works	1.577	VOLVOX SCALDIA	500
1988	Trench dredging for the breakwater of the yacht harbour of the Olympic Village, 1992. Poble Nou; barcelona Spain	Fomento de Obras S.A.	141	VOLVOX SCALDIA	
1988	Construction of beaches of Poble Nou Olympic Village 1992. Barcelona (Spain) . Playa Bogatell	Ministry of Public Works	421	VOLVOX SCALDIA	120
1989	Regeneration of beaches in the province of Almeria (Spain) . Playa de San Miguel . Playa Villa García . Playa Las Conchas . Playa el Zapillo	Ministry of Public Works	629	VOLVOX SALDIA	225
1989	Dredging sections of the navigation channel in the Guadalquivir River, Sevilla (Spain)	Sevilla Port Council	326	VOLVOX SCALDIA	260
1990	Beach regeneration, Playa de la Carihuela, Torremolinos. Málaga (España)	Ministry of Public Works	1.823	VOLVOX DELTA/ VOLVOX ANGLIA	897
1990	Beach regeneration and protection of Rincón de la Victoria and Cala del Moral, Málaga (Spain)	Ministry of Public Works	2.220	VOLVOX ANGLIA/ VOLVOX SCALDIA	500
1990	Beach nourishment Playa del Algarrobo Málaga (Spain)	Ministry of Public Works	494	VOLVOX SCALDIA	200
1990	Beach nourishment Playa Arroyo de Granadilla Benagalbón - Málaga (Spain)	Ministry of Public Works	1.343	VOLVOX SALDIA	145

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1990	Beach nourishment Caleta de Velez, Málaga (Spain)	Ministry of Public Works	1.163	VOLVOX SCALDIA	355
1990	Beach construction Playa de Malagueta Málaga (Spain)	Ministry of Public Works	4.108	VOLVOX DELTA VOLVOX SCALDIA	1.869
1990/91	Beach nourishment of Marbella and San Pedro de Alcántara. Málaga (Spain)	Ministry of Public Works	4.052	VOLVOX DELTA	1.197
1990/91	Regeneration and protection of the beach and repair of the Boulevard of Villajoyosa in Alicante (Spain)	Ministry of Public Works	2.607	VOLVOX DELTA	385
1991	Beach nourishment Playa San Juan y Muchavista.Alicante (Spain)	J.V. San Juan	5.086	VOLVOX DELTA	1.192
1991	Dredging and in-fill of a trench for the outer breakwater of the Port of Valencia (Phase I) (Spain)	J.V. Dragados CYES	2.062	VOLVOX HOLLANDIA	1.600
1992	In-fill of the main trench and dredging of the diffusor trenches for the Pinedo Sea Outfall Valencia (Spain)	J.V. Pinedo	417	VOLVOX HOLLANDIA	260
1992	Dredging in the Port of Motril, Granada (Spain)	Dragados y Construcciones S.A.	691	VOLVOX SCALDIA	189
1992	Dredging of a sand bank and regeneration of the beach of Sagunto, Valencia (Spain)	Generalitat Valenciana	576	VOLVOX ANGLIA	79
1992	Beach nourishment Playa la Regla y Canteras Phase II.Chipiona. Cádiz (Spain)	Ministry of Public Works	2.204	VOLVOX SCALDIA	562
1992	Dredging of the Entrance Channel of the port of Aveiro (Portugal)	DRAGAPOR	130	VOLVOX SCALDIA	300
1992	Dredging of an oil jetty in the Port of Leixoes Oporto (Portugal)	DRAGAPOR	285	VOLVOX SCALDIA	250
1993	Dredging of the entrance channel in the Port of Sagunto. Valencia (Spain)	Siderúrgicas del Mediterráneo S.A. (SIMED)	368	VOLVOX SCALDIA	118
1993	Dredging Access in the Port of Gandia and beach nourishment in the South of the mentioned port (Spain)	Port Authority of Valencia	762	VOLVOX SCALDIA	242
1993	Beach nourishment Hospitalet de l'Infant Tarragona (Spain)	Ministry of Public Works	611	VOLVOX SCALDIA	228
1993	Beach nourishment Calafell, El Vendrell and Roda de Bara.Tarragona (Spain)	Ministry of Public Works	7.326	VOLVOX IBERIA ALPHA B	2.700
1993	Maintenance dredging Maresme, Tramo Premia de Mar. Barcelona (Spain)	Ministry of Public Works	1.111	ALPHA B VOLVOX IBERIA	610
1993/94	Beach nourishment Maresme.Tramo El Balis-Arenys de Mar.Barcelona (Spain)	Ministry of Public Works	6.968	ALPHA B V.SCALDIA/IBERIA	3.761

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1993/95	Maintenance dredging of the oil jetty Port of Leixoes (Portugal)	Port of Oporto	937	VOLVOX ANGLIA	600
1993	Dredging Acces Channel in the Port of Viana do Castelo (Portugal)	BRITAGODO	865	VOLVOX ANGLIA	300
1992/96	Extension Dock on south side in the Port of Valencia (Spain)	J.V. DYC - CYES	15.603	L.SCHEZ.GUERRA ALODIA	7.700
1994	In-fill of the trench Castellón Sea Outfall	Dragados y Construcciones S.A.	135	DRAVO COSTA BLANCA	150
1994	Beach nourishment Playa Tossa del Mar. Gerona (Spain)	Ministry of Public Works	363	DRAVO COSTA BLANCA	100
1994	Dredging of the trench Salou Sea Outfall Tarragona (Spain)	Dragados y Construcciones S.A.	279	DRAVO COSTA BLANCA	50
1994/95	Beach nourishment Playa de Mataró.Barcelona (Spain)	Ministry of Public Works	1.918	DRAVO COSTA BLANCA	850
1995	Beach nourishment Playa Postiguet. Alicante (Spain)	CYES	237	DRAVO COSTA BLANCA	100
1995	Dredging and extension of the Access Channel in the Port of Motril (Spain)	Port Authority of Motril	228	DRAVO COSTA BLANCA	100
1995	Dredging dock of quay Juan González. Huelva (Spain)	Port Authority of Huelva	403	DRAVO COSTA BLANCA	85
1995	Outfall Fylde (UK)	Van Oord (UK)	541	DRAVO COSTA BLANCA	243
1995	Dredging Port of Shoreham (UK)	Van Oord (UK)	120	DRAVO COSTA BLANCA	44
1995/96	Widening and deepening of the Access Channel of the Port of Huelva	Port Authority of Huelva ENAGAS- REPSOL	16.528	DR.COSTA BLANCA V.IBERIA/V.HANSA ORWELL ALPHA BAY	6.000
1995/98	Dredging in the River Guadalquivir	Port Authority of Sevilla	in Joint Venture 50%	DR.COSTA BLANCA VOLVOX SCALDIA V.DEL AGUILA	1.600
1995	Dredging Access Channel Port of Lisbon	Port Authority of Lisbon	721	VOLVOX IBERIA VOLVOX HANSA	1.000
1996	Dredging port of PUCARSA, Carboneras, Spain	PUCARSA	1.244	VOLVOX IBERIA	1.029
1996	Dredging Port of HISALBA, Carboneras,Spain	HISALBA	114	VOLVOX IBERIA	49
1996	Regeneration of beaches of Mojacar & Carboneras (Spain)	Ministry of Public Works	2.861	VOLVOX IBERIA	1.100
1996	Port of Castellón.Dredging of caissons trench	Dragados y Construcciones S.A.	559	VOLVOX IBERIA	147

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1996	Beach Zapillo (Almería)	Ministry of Public Works	962	VOLVOX IBERIA	150
1996	Dredging quay of CAPESA, Port of Huelva Spain	CAPESA	325	DRAVO COSTA BLANCA	69
1996	Maintenance dredging Quay Ing. Juan Gonzalo, Port of Huelva (Spain)	Aut. Portuaria Huelva	397	DRAVOSA COSTA BLANCA	85
1996-1997	Maintenance dredging Port Bay of Cádiz (Spain)	Aut. Portuaria Cádiz	2.434	COSTA BLANCA ARGONAUT	847
1996-1997	Construction sub-base breakwater Marina Cascais, Portugal	OCP- Obregal	1.803	FRANS	200
1997	Protection Forte Bugio, Lisbon (Portugal)	SOPOL	601	FRANS	100
1997	Dredging quay of Levante, Port of Huelva Spain	Dragados	883	ARGONAUT	180
1997	Maintenance dredging Access Channel, Port of Huelva and reclamation Port Area	Dragados	3.702	VOLVOX IBERIA COSTA BLANCA	1.130
1997-1998	Maintenance dredging Quay Ing. Juan Gonzalo Port of Huelva Spain	Aut. Portuaria Huelva	715	VOLVOX IBERIA COSTA BLANCA	137
1998	Dredging of a trench for the extension of the Quay of levante in the Port of Málaga	U.T.E. Dique Málaga	3.816	VOLVOX IBERIA	1930
1998	Maintenance dredging Quay reina Sofia. Port of Huelva Spain	Cepsa	90	Costa Blanca	25
1998	Maintenance dredging Quay Butano. Port of Sevilla Spain	Repsol	198	Costa Blanca	10
1998	Maintenance dredging Zone 2 Port of Huelva Spain	Port Authority	331	COSTA BLANCA	85
1998	Dredging trench of submarine outfall of Matosinhos; Portugal	Cobetar	391	KETO	50
1998	Dredging and nourishment trench oil pipe line Leixous Portugal	Ballast Nedam	451	KETO	250
1998	Dredging Port of Figueira da Foz; Portugal	Port Authority	1.863	KETO COSTA BLANCA Cutter A. Mota	1000
1998	Nourishment Beach Teresitas. Tenerife.Spain	D.G. Costas	2.458	M.V. HAVA	141
1998	Dredging in front of Quay Ing. Juan Gonzalo Port of Huelva Spain	Dragados	198	COSTA BLANCA	38
1998	Maintenance dredging Port of Gandia.Spain	Port Authority of Valencia	1.418	Krankeloon	110
1998-1999	Nourishment beach Vale do Lobo, Portugal	Ite. De Agua Portugal	829	Costa Blanca	430

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1999	Dredging in the Ria Guadalquivir	Port Authority of Seville	150	Costa Blanca	70
1999	Dredging in front of Quay Ing. Juan Gonzalo Huelva	Port Authority Huelva	204	Costa Blanca	137
1999	Jetty Fertiberia, Port of Huelva	Fertiberia S.A.	234	Costa Blanca	53
1999	Jetty Reina Sofia, Port of Huelva	CEPSA	48	Costa Blanca	12
1999	Jetty Butano	REPSOL	90	Costa Blanca	19
1999	Xabregas Containers Quay, Lisbon, Portugal	Port of Lisbon	589	Volvox Iberia	350
1999	Infill Quay Transinsular, Las Palmas G.C.	Sacan III	902	Costa Blanca	550
1999	Dredging trench Outfall Santander	DRACESA	210	Volvox Iberia	75
1999	Dredging trench Outfall Mompas, S. Sebastian	DRALVAN	637	Volvox Iberia	80
1999	Infill Quay León y Castillo, Las Palmas G.C.	SACAN V	583	Costa Blanca	374
1999/2000	Maintenance dredging Ria Guadalquivir Sevilla	Port Authority Seville	4.207	Costa Blanca	1.500
1999	Dredging Port of Sagunto	Port Authority Valencia	5.109	Volvox Iberia Alodia	995
1999	Beach nourishment Lido di Ostia, Italy	SIDRA	4.417	Volvox Hollandia	940
2000	Reclamation North Muelle Cabezuela (Cádiz)	NECSO	222	Costa Blanca	120
	Dredging trench Containers Quay,Setubal	J.V.Etermar/Somague	391	Costa Blanca	100
2000	Dredging trench Outfall Mompas, S. Sebastian	J.V.UTE DRALVAN	301	Volvox Iberia	22
2000	Dredging trench quaywalls and port basin of Málaga	J.V. Dragados-Sando	2.614	Volvox Iberia	1.115
2000	Sand dredging port of Aveiro, Portugal	Luis Manuel & Irmaos	498	Costa Blanca	500
2000/2001	Trench dredging breakwater Nova Bocana Port of Barcelona	J.V. Nova Bocana	1.272	Costa Blanca Argonaut	1000
2000	Jetty Reina Sofia; Port of Huelva	Cepsa	96	Costa Blanca	20
2000	Dredge of Quay Ing. Juan Gonzalo & Ciudad de Palos, Port of Huelva	Port Aut. Huelva	405	Volvox Iberia	90
2000	Jetty Enagas	Enagas	60	Costa Blanca	15
2000/2001	Dredging entrance channel	Aut. Port. Avilés	238	Costa Blanca	80
2001	Dredging deepening channel Huelva1st.Phase	Port Auth. Huelva	3.526	Volvox Atalanta Volvox Iberia Costa Blanca	1000
2001	Dredging Repsol Butano (Sevilla)	Repsol	228	Costa Blanca	40

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2001	Dredging Channel Quay Xabregas (Lisbon)	S.P.D.	383	Volvox Atalanta	500
2001	Dredging Port of Anzio (Italy)	Council P.W. and Transport of Lazio	4.086	Costa Blanca	340
2001	Dredging contaminated soil in Sagunto	A.P. Valencia	4.379	Razende Bol	350
2001	Maintenance dredging shipyard IZAR	Astillero Izar Sevilla	82	Costa Blanca	10
2001	Dredging works for Botafoc	U.T.E. Botafoc	1.307	Volvox Iberia	140
2001	Maintenance dredging Guadalquivir 2001-2003	Port Auth. Sevilla	5.335	Costa Blanca Gemma	1.700
2001	Maintenance dredging Muelle J.Glo. Huelva	Port Auth. Huelva	694	Volvox Iberia	170
2001	Beach reclamation Deba (S. Sebastian)	NECSO	450	Volvox Iberia	300
2001	Dredge Solvay outfall trench (Santander)	DRACE	353	Razende Bol	15
2001	Dredging works for Cepsa	CEPSA	79	Costa Blanca	25
2001	Deepening dredging Canal Huelva 2nd Phase	Aut. Port. Huelva	9.838	Costa Blanca Volvox Iberia Volvox Scaldia Coronaut Argonaut Antigoon Waterway Razende Bol	3.576
2001	Dredging Puerto Carbon	Puerto Carbón Sevilla	96	Costa Blanca	17
2001	Dredging quay Izar (Sevilla)	IZAR	82	Costa Blanca	10
2002	Dredging basin Repsol Butano Sevilla	Repsol-Butano	724	Costa Blanca	120
2002	Beaches Matalascañas and Ayamonte	D.G. Costas	4.947	Volvox Scaldia Argonaut Coronaut Waterway	615
2002	Beach reclamation Alcudia & Millor (Mallorca) Figuerals, Aguas Blancs & S.Antonio (Ibiza)	D.O.P.S.A.	3.845	Volvox Iberia	350
2002	Beach reclamation Beaches Alicante	Rover-Alcisa	1.052	Costa Blanca	133
2002	Maintenance Beach Denia (Alicante)	D.G. Costas	600	Costa Blanca	
2002	Beach reclamation Villajoyosa & Torrevieja	D.G. Costas	533	Costa Blanca	52
2002	Maintenance dredging Gandía	A.P. Valencia	600	Costa Blanca	103

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2002	Quay opening of the caisson "La Condomine"	DRACE	1.629	Razende Bol	100
2002	Beach reclamation Barcelona	D.G. Costas	1.488	Costa Blanca	155
2002	Beach reclamation Sitges	D.G. Costas	440	Gemma	50
2002	Dumping outfall Castro Urdiales (Santander)	D.O.P.S.A.	360	Frans	-
2002	Levelling external quay Escombreras	D.O.P.S.A.	465	Razende Bol	-
2002	Dredging trench subm.conduction NGS (Algeciras)	D.O.P.S.A.	700	Razende Bol	10
2002	Dredging Quay Levante	A.P. Huelva	1.029	Costa Blanca	379
2003	Correction Measures of the Coast Phase III (Barcelona)	A.P. Barcelona	2.120	Zeeland II	900
2002	Dredging Port Ceuta	NECSO	1.110	Razende Bol	60
2003	Pipelines laying NGS (Algeciras)	D.O.P.S.A.	2.084	Manta	-
2003	Dredging and reclamation U. Fenosa (Sagunto)	DRACE	1.330	Zeeland II	235
2003	Maritime Trench Valenciana	D.O.P.S.A.	803	Zeeland II	120
2003	Trench Dic Sud (Barcelona) (Section I and II)	D.O.P.S.A.	2.531	Costa Blanca Uilenspiegel	1.457
2003	Emergency beaches Málaga	D.G. Costas	3.300	Costa Blanca Volvox Anglia	250
2003	Outfall Montpellier	Draflumar	500	Dravo Costa Blanca	20
2003	Dredging Quay Fertiberia (Huelva)	Fertiberia	61	Dravo Costa Blanca	10
2003	Dumping outfall Aboño (Gijón)	Ferrovial	721	Atlantis	--
2003	Trench Ampliation Breakwater 9 (Málaga)	D.O.P.S.A.	910	Volvox Iberia	
2003	Levelling Quay Exterior R. Sofia	UTE DOPSA-FCC	1.155	Tertness	--
2003	Capital dredging Melilla	D.O.P.S.A.	583	Volvox Iberia	220
2003	Dredging trench extension I.Verde(Algeciras)	UTE Dragados-Sato Drace	173	Dravo Costa Blanca	46
2003	Breakwater Santa Catalina (Las Palms-Canary)	D.O.P.S.A.	641	Razende Bol	35
2004	Dredging Extension Quay 8 Raos (Santander)	UTE DOPSA/Drace	1.400	Razende Bol Ham 586	300
2004	Maintenance dredging Port Huelva	Aut.Port. Huelva	2.759	Dravo Costa Blanca Slidrecht 34	1.061
2004	Dredging Fertiberia	Fertiberia	141	Dravo Costa Blanca	24
2004	Dredging Bestarrece (Cartagena)	DRACE	268	Dravo Costa Blanca	38
2004	Dredging Port Genoa (Italy)	Mantovani	362	Dravo Costa Blanca	44
2004	Dredging trench extension Dic Sud Barcelona	D.O.P.S.A.	1.566	Ham 310	757

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2004	Sand-by pass Huelva	Aut.Port. Huelva	8.636	Ham 310	2.407
2004	Off-shore dredging (Cádiz)	Dragados Off-Shore	50	Dravo Costa Blanca	20
2004	Dredging Quay Esclusa (Sevilla)	Aut.Port. Sevilla	387	Dravo Costa Blanca	56
2004	Dredging Barra Pta. Umbría (Huelva)	Ptos. Andalucia	864	Dravo Costa Blanca	130
2004	Beach Nourishment Salinas (Avilés-Spain)	UTE NECSO/ D.I.	2.698	Geopotes 15	550
2004	Maintenance dredging Ria Guadalquivir 2004 (Sevilla)	Aut. Port.Sevilla	3.134	Dravo Costa Blanca Volvox Scaldia	1.105
2005	Trench Quay Graneles Solidos (Escombreras)	UTE Graneles Solidos	1.235	Geopotes 15	218
2005	Dredging Port of Salerno		787	Volvox Scaldia	85
2005	Dredging and levelling "Adelantamiento Muelle Cantiles" Cup America (Valencia)	DRACE	692	Razende Bol	80
2005	Dredging and levelling "Atraques Megayachts Cup America" (Valencia)	DRACE	220	Razende Bol	30
2005	Dredging in Port of Lissabon	Dragapor	205	Volvox Scaldia	45
2005	Dredging Sant Carles de la Rapita	Ports de la Generalitat	1.635	Volvox Scaldia Dravo Costa Blanca	610
2005	Works at the Port of Melilla	DRACE	1.651	Razende Bol	100
2005	Dredging Vilanova i la Geltrú (Barcelona)	Ports de la Generalitat	59	Dravo Costa Blanca	20
2005	Deepening Port of Alicante	SATO	1.120	Sliedrecht 34	360
2005	Various dredging works Is. Verde(Algeciras)	UTE Muelle Exterior	in execution	Razende Bol	--
2005	Filling of caissons Tanger	SRPTM	in execution	Dravo Costa Blanca	--
2005	Trench dique Torres	UTE Dique Torres	3.702	Geopotes 15	960
2005	Outfall Santoña dumping	O.H.L.	1.227	HAM 601	--
2005	Reclamation beaches Maresme	D.G. Costas	in execution	Palieter	in execution
2005	Dredging Rio Guadalete	Aut. Port Cádiz	622	Dravo Costa Blanca	146