

LIST OF PORT EXPANSIONS PROJECT DESIGN AND WATERWAYS

CLIENTE	PROJECT DESIGN/STUDIES	DATE
COBA, SA	Survey of sites of pumping power transfer stations in Morocco – coastal zone	2020
ENAPOR - EMPRESA NACIONAL DE ADMINISTRAÇÃO DOS PORTOS, SA (<i>Cape Verde Islands Port Authority</i>)	Rehabilitation of the Tarrafal Fishing Pier, Sao Nicolau	2019
CASCAIS MUNICIPALITY	Specifications for the Cascais Seawall Rehabilitation Work	2018
PROMAN - Design and Studies Office, S.A	Base and Execution Projects for Sediment Transposition in Aveiro Lagoon, for the Company POLIS LITORAL RIA DE AVEIRO	2017
PROMAN - Design and Studies Office, S.A	Elaboration of maritime agitation studies for the several options of the location of the quay of Port Administration of Sines	2015
EPC - Empresa Portuária de Cabinda (Cabinda Port Authority)	Design of the New Breakwater and Quay in Cabinda Port, Angola	2013/2014
TECNOVIA ANGOLA, Sociedade de Empreitadas, Lda	Preliminary Study of maritime works of a fishing boat in Mandarim-Cabinda	2013
PROMAN - Design and Studies Office, S.A	Viability study for the access from the merchant shipping to the CIMPOR cement terminal in Alhandra	2013
PROMAN - Design and Studies Office, S.A	Jetty restoration in the Marina Lugar de Baixo - Madeira	2013
ENAPOR - EMPRESA NACIONAL DE ADMINISTRAÇÃO DOS PORTOS, SA (<i>Cape Verde Islands Port Authority</i>)	Design of expansion and modernization of Vale de Cavaleiros port (Fogo Island) and Furna port (Brava Island)	2009/2010
INTRACO	Technical assistance to the Amboim Port Project (Angola)	2009
ONE - OFFICE NATIONAL DE L'ELECTRICITÉ, MAROC [<i>National Office for Electricity of Morocco</i>]	A new deep water harbour assessment at Jorf Lihoudi, in Morocco Atlantic coast	2008/2009
ONE - OFFICE NATIONAL DE L'ELECTRICITÉ, MAROC [<i>National Office for Electricity of Morocco</i>]	Measurements of oceanographical parameters in the site of the new Safi port, in Morocco Atlantic coast	2008
TECNOVIA	Design and construction of Fontainhas maritime protection (Oeiras-Portugal)	2008
ONE - OFFICE NATIONAL DE L'ELECTRICITÉ, MAROC [<i>National Office for Electricity of Morocco</i>]	Basis design of intake and sea outfall of Jorf Lihoudi thermal power station	2008



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ENAPOR - EMPRESA NACIONAL DE ADMINISTRAÇÃO DOS PORTOS, SA (<i>Cape Verde Islands Port Authority</i>)	Project Design of Sal Rei harbor expansion, in Boavista Island, Cape Verde	2008
ENAPOR - EMPRESA NACIONAL DE ADMINISTRAÇÃO DOS PORTOS, SA (<i>Cape Verde Islands Port Authority</i>)	Project design of Porto Novo harbor expansion and modernization, in Santo Antão Island, Cape Verde	2008
ONE - OFFICE NATIONAL DE L'ELECTRICITÉ, MAROC [<i>National Office for Electricity of Morocco</i>]	Oceanographic studies of the site of Tan Tan, in Morocco Atlantic coast	2007/2008
APTO - ADMINISTRAÇÃO DOS PORTOS DO TRIÂNGULO E DO GRUPO OCIDENTAL, S.A.	Mathematical modelling for the Project of the expansion of Horta Port, Azores	2007/2008
ONE - OFFICE NATIONAL DE L'ELECTRICITÉ, MAROC [<i>National Office for Electricity of Morocco</i>]	Project design of Cap Ghir Terminal off Atlantic Ocean coast, Morocco	2007
ONE - OFFICE NATIONAL DE L'ELECTRICITÉ, MAROC [<i>National Office for Electricity of Morocco</i>]	Project design of Bir el Har Terminal off Atlantic Ocean coast, Morocco	2007
SOCIEDADE DE DESENVOLVIMENTO DO PORTO SANTO	Study of alternative maritime coastal protection solutions near the Scuba Diving Center of Porto Santo Island (Madeira Arquiphelag)	2007
ENAPOR - EMPRESA NACIONAL DE ADMINISTRAÇÃO DOS PORTOS, SA (<i>Cape Verde Islands Port Authority</i>)	Study of sitting within port of Tarrafal in São Nicolau Island	2007
FARO MUNICIPALITY	Project design of a fishing port, in Culatra Island (Algarve/Portugal)	2006
ENAPOR - EMPRESA NACIONAL DE ADMINISTRAÇÃO DOS PORTOS, SA (<i>Cape Verde Islands Port Authority</i>)	Master Plans of Porto Novo (Santo Antão Island) and Sal-Rei (Boavista Island) Harbours in Cape Verde	2006
IPTM - INSTITUTO PORTUÁRIO E DOS TRANSPORTES MARÍTIMOS [<i>Institute for Ports and Maritime Transport</i>]	Design of quays rehabilitation (Vila Real de Santo António and Alcoutim (Algarve-Portugal). Capacity improvement to allow closing ups of a 1500 ton cruise ship	2005
PLURAL - PLANEAMENTO REGIONAL, URBANO E DE TRANSPORTES, LDA. [<i>Urban, Regional and Transportation Planning</i>]	Assistance to the Management Plan of Lagos dock (Algarve)	2005
APL - ADMINISTRAÇÃO DO PORTO DE LISBOA [<i>Administration of Lisbon Port</i>]	Collaboration on the Environmental Impact Study of the establishment of the canal of access to the multimodal terminal of Xabregas	2005
ENAPOR - EMPRESA NACIONAL DE ADMINISTRAÇÃO DOS PORTOS, SA (<i>Cape Verde Islands Port Authority</i>)	Wave disturbance assessment in Praia port, in Santiago Island for the EIS of the port expansion	2004



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ENAPOR - EMPRESA NACIONAL DE ADMINISTRAÇÃO DOS PORTOS, SA (<i>Cape Verde Islands Port Authority</i>)	Wave disturbance assessment in Palmeira port, in Sal Island	2004
IPTM - INSTITUTO PORTUÁRIO E DOS TRANSPORTES MARÍTIMOS [<i>Institute for Ports and Maritime Transport</i>]	Navegability study for the river Guadiana, between Vila Real de Santo António and Mertola	2004
WW - CONSULTORES DE HIDRÁULICA E OBRAS MARÍTIMAS	Preliminary Study of "Porto Santo" (Madeira) port capabilities of expansion - study of wave disturbance, sedimentology and vessels manoeuvres	2004
IPS - INSTITUTO PORTUÁRIO DO SUL [<i>Southern Port Institute</i>]	Navegability study for the river Arade between Portimão and Silves	2004
IPTM - INSTITUTO PORTUÁRIO E DOS TRANSPORTES MARÍTIMOS [<i>Institute for Ports and Maritime Transport</i>]	Project design for maritime signaling in the marine access to the Olhão Harbour	2003
TRANSTEJO - TAGUS RIVER TRANSPORTATION	Maritime signalling of the fluvial terminal of passengers of the Seixalinho	2002/2003
IPS - INSTITUTO PORTUÁRIO DO SUL [<i>Southern Port Institute</i>]	Previous study for the location of the Faro's recreation port	2002/2003
JAPH - JUNTA AUTÓNOMA DO PORTO DA HORTA	Management study of Port of Horta (Azores). Creation of a Ferry Terminal. Implementation of a Travel-Lift.	2002
ILHAVO MUNICIPALITY	Project Design of berths for small fishing boats at Gafanha da Encarnação	2001/2002
APL - ADMINISTRAÇÃO DO PORTO DE LISBOA [<i>Lisbon Port Administration</i>]	Study of the marine access to the cruiser's terminal of the port of Lisbon	2001/2002
APL - ADMINISTRAÇÃO DO PORTO DE LISBOA [<i>Lisbon Port Administration</i>]	Study of the marine access to the Xabregas terminal of the port of Lisbon	2002
OFM - OBRAS PÚBLICAS, FERROVIÁRIAS E MARÍTIMAS, S.A.	Mathematical modelling of the wave disturbance in the surroundings and within in Vila harbour, in Santa Maria Island, for the port expansion design	2002
WW - JOSÉ MANUEL MORIM DE OLIVEIRA	Mathematical modelling of the wave disturbance in the surroundings and within Horta harbour, in Faial Island, Azores	2001
WW - JOSÉ MANUEL MORIM DE OLIVEIRA	Mathematical modelling of the wave disturbance in the surroundings and within in Velas harbour, in São Jorge Island, Azores	2001



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APL - ADMINISTRAÇÃO DO PORTO DE LISBOA [<i>Lisbon Port Administration</i>]	Delimitation, redefinition of the areas of port jurisdiction	2000/2001
ODEBRECHT / BPC / RAMALHO ROSA / NOVOPCA	Improvement of the navigability of River Douro entrance; Project design of the jetties	2000
WW - JOSÉ MANUEL MORIM DE OLIVEIRA	Mathematical modelling of the wave disturbance in the surroundings and within Praia da Vitória Harbour (Azores)	2000
APS - ADMINISTRAÇÃO DO PORTO DE SINES	Project design for the south quay extension of a fishing boat in Sines	2000
WW - JOSÉ MANUEL MORIM DE OLIVEIRA	Mathematical modelling of the wave pattern in the surroundings and in the Interior of Madalena harbour (Azores)	2000
REPÚBLICA DE CABO VERDE: DIRECÇÃO-GERAL DE MARINHA E PORTOS E ENAPOR, Empresa Nacional de Portos, S.A.	Monitoring of Harbour basins, dredging planning and supervision of five harbours in Cape Verde. Production of nautical mapping (hydrographic plans). Praia, Palmeira, Tarrafal, Porto Grande and Porto Novo Ports	1999/2002
AMBIFARO - AGÊNCIA PARA O DESENVOLVIMENTO ECONÓMICO DE FARO	Project of repairing and renewal of three wharf-ridges in Faro and the Ihas Barreira	1999/2002
APL - ADMINISTRAÇÃO DO PORTO DE LISBOA [<i>Lisbon Port Administration</i>]	Port order of the marginal front of Montijo Municipality	1999
APL - ADMINISTRAÇÃO DO PORTO DE LISBOA [<i>Lisbon Port Administration</i>]	Port order of the marginal front of the Vila Franca de Xira Municipality	1999
ILHAVO MUNICIPALITY	Project design of the anchorage for small fishing boats at Costa Nova	1999
MACAUPORT - SOCIEDADE DE ADMINISTRAÇÃO DE PORTOS, S.A.	Project Design of the quay of Ká-Hó - Macau	1999
APL - ADMINISTRAÇÃO DO PORTO DE LISBOA [<i>Lisbon Port Administration</i>]	Re-Evaluation and Identification of the Areas Having a Harbour Interest in the APL's Jurisdiction Zone	1999/1998
APL - ADMINISTRAÇÃO DO PORTO DE LISBOA [<i>Lisbon Port Administration</i>]	Planning of the beach of Santo Amaro de Oeiras and project design of maritime infrastructures	1998
DGPNTM - DIRECÇÃO GERAL DE PORTOS, NAVEGAÇÃO E TRANSPORTES MARÍTIMOS [<i>Directorate for Ports, Navigation and Water Carriage</i>]	Project Design of the Marina of Olhão	1998

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APL - ADMINISTRAÇÃO DO PORTO DE LISBOA [<i>Lisbon Port Administration</i>]	Mathematical Modelling for the Study of Navigability Improvement in Tagus River - Cala do Norte	1992