

Projects list of Hydraulic engineering 1954-2015



Alpina

Società per Azioni - Capitale Sociale Euro 1.000.000 interamente versato - C.F. e Registro Imprese di Milano 01033390392 - REA 1337939
Partita IVA 10241540151 - Tel. +39-02 58305010 - Fax +39-02 58307388 - P.E.C. alpina@legalmail.it - e-mail info@alpina-spa.it - www.alpina-spa.it
Via Ripamonti, 2
20136 MILANO





LEGEND	LEGEND SERVICES PERFORMED
SF	Feasibility study
PP	Preliminary design
PD	Detailed design
PE	Final design
PG	Tender project
DL	Supervision of works
SI	Safety coordination
VP	Project verification

TITLE OF THE WORK	PERIOD	CLIENT	SERVIZIO SVOLTO
Hydroelectric power plant			
Hydroelectric plants along the Canale Villoresi in Monza	2014 - 2015	Consorzio Est Ticino Villoresi	VP
Kokhav Hayarden hydroelectric power plant in Israel	2011 - 2012	Cooperativa Muratori & Cementisti, C.M.C di Ravenna	PG
Beni Haroun hydroelectric power plant in the region of Costantine, Algeria	2010 - 2010	Astaldi S.p.A.	PG
Nesher hydroelectric power plant in Haifa, Israel	2007 - 2011	CLAL Industries & Investmens Ltd. (Israele)	SF+PP
Paleohori hydroelectric power plant in Greece	2005 - 2005	Delta Project S.A. (Grecia)	SF+PP+PD
Petriotis hydroelectric power plant in Greece	2005 - 2005	Delta Project S.A. (Grecia)	SF+PP+PD
Premadio II hydroelectric power plant in Valtellina	1996 - 2006	AEM Milano S.p.A.	PP+PD+PE
Pont Ventoux Susa hydroelectric power plant	1992 - 2007	Pont Ventoux S.c.r.l.	PG+PD+PE+DL
Caffaro hydroelectric power plant	1977 - 1978	Caffaro S.p.A.	SF
Valmaira hydroelectric power plant	1976 - 1976	Italcementi S.p.A.	SF
Assergi hydroelectric power plant	1973 - 1974	Società Autostrade Romane e Abruzzesi S.p.A.	PP
Esine hydroelectric power plant	1969 - 1969	La Centrale Finanziaria S.p.A.	SF
Villa Gargnano hydroelectric power plant	1962 - 1962	La Centrale Finanziaria S.p.A.	SF
Val d'Ega hydroelectric power plants	1958 - 1962	Selt Valdarno S.p.A. e Romana di Elettricità S.p.A.	SF
Tolentino hydroelectric power plant	1960 - 1960	Torno S.p.A.	PG
hydroelectric power plants on the Alto Magra	1958 - 1960	Società Idroelettrica Alta Toscana S.p.A.	SF
Isola Serafini hydroelectric power plant	1955 - 1962	Società Idroelettrica Medio Adige S.p.A.	PP+PD+PE
Amaseno hydroelectric power plant	1956 - 1960	Società Idroelettrica Alto Liri S.p.A.	PP+PE
San Giacomo and Caldaro hydroelectric power plant	1954 - 1962	La Centrale Finanziaria S.p.A.	SF
Val Schener hydroelectric power plant	1956 - 1960	Società Elettrica Selt Valdarno S.p.A.	SF+PP+PD+PE
Val Senales hydroelectric power plant	1957 - 1959	La Centrale Finanziaria S.p.A.	SF
Lago della posta Morroni hydroelectric power plant	1955 - 1960	Società Idroelettrica Alto Liri S.p.A.	PE
Canistro hydroelectric power plant	1957 - 1957	Società Romana di Elettricità S.p.A.	SF
San Biagio hydroelectric power plant	1956 - 1957	Società Romana di Elettricità S.p.A.	SF
Pontecorvo hydroelectric power plant	1955 - 1957	Società Romana di Elettricità S.p.A.	SF
Val Noana hydroelectric power plant	1955 - 1957	Società Elettrica Selt Valdarno S.p.A.	PD+PE
Oetz Merano International hydroelectric power plant	1955 - 1957	La Centrale Finanziaria S.p.A.	SF
Galera hydroelectric power plant	1954 - 1954	Società Elettrica Selt Valdarno S.p.A.	SF

TITLE OF THE WORK	PERIOD	CLIENT	SERVIZIO SVOLTO
<u>Hydroelectric concession</u>			
Vallunga Hydroelectric concession	1961 - 1962	Società Idroelettrica Alpina S.p.A.	SF+PP+PD
Gadera Hydroelectric concession	1961 - 1961	Società Idroelettrica Alpina S.p.A.	SF
Caoria Hydroelectric concession	1955 - 1962	La Centrale Finanziaria S.p.A.	SF+PP+PD
Hydroelectric concession on the Isarco and Rienza rivers- Elvas hydroelectric power plant	1955 - 1962	Società Idroelettrica Alpina S.p.A.	SF+PP+PD
Hydroelectric concession on the Adige river – Vadena hydroelectric power plant	1955 - 1962	Società Idroelettrica Alpina S.p.A.	SF
Hydroelectric concession on the Lagorai mounts - Alto Vanoi hydroelectric power plant	1954 - 1962	La Centrale Finanziaria S.p.A.	SF+PP+PD
Case Bellotti Hydroelectric concession - Medio Vanoi hydroelectric power plant	1954 - 1962	La Centrale Finanziaria S.p.A.	SF+PP+PD
Oltra Hydroelectric concession	1954 - 1962	La Centrale Finanziaria S.p.A.	SF+PP+PD
Mignano Hydroelectric concession	1954 - 1961	Società Idroelettrica Alpina S.p.A.	SF+PP+PD
Fontaniva Hydroelectric concession	1954 - 1961	Società Idroelettrica Alpina S.p.A.	SF+PP+PD
Vanga Hydroelectric concession	1957 - 1957	Società Idroelettrica Alpina S.p.A.	SF
Hydroelectric concession on the Aurino stream- Casere hydroelectric power plant	1955 - 1957	Società Idroelettrica Alpina S.p.A.	SF
Hydroelectric concession on the Aurino stream - Villa Ottone hydroelectric power plant	1955 - 1957	Società Idroelettrica Alpina S.p.A.	SF
Hydroelectric concession on the Pradidoli stream - Villa Welsperg hydroelectric power plant	1956 - 1956	Società Idroelettrica Alpina S.p.A.	SF

TITLE OF THE WORK	PERIOD	CLIENT	SERVIZIO SVOLTO
Dams and hydraulic works			
Marina in Herceg Novi in Montenegro	2014 - 2015	Azmont	PP+PD+PE
Ruiru II dam and waterworks	2014 - 2015	CMC	PG
Lago della Spina earth dam in Pralormo	2007 - 2011	Provveditorato Opere Pubbliche Piemonte e Val d'Aosta	PP+PD+PE
Water control works for the hydraulic safety of Idro lake	2007 - 2009	Consorzio del Chiese di Bonifica di Secondo Grado	PP
Threshold caissons on the Treporti barrage of M.O.S.E. project in Venice	2004 - 2011	Technital S.p.A.	PE
Turbine housing structures in the Premadio II hydroelectric power plant	2006 - 2006	Alstom S.p.A.	PE
Structures for the placement of Tirso hydroelectric power plant units	2002 - 2004	Alstom Power (Spagna)	PE
Premadio II underground power house	1997 - 2003	AEM Milano S.p.A.	PP+PD+PE
Pont Ventoux intake of the Pont Ventoux Susa hydroelectric power plant	1992 - 2007	Pont Ventoux S.c.r.l.	PG+PD+PE+DL
Underground power house at Venaus of the Pont Ventoux Susa hydroelectric power plant	1992 - 2007	Pont Ventoux S.c.r.l.	PG+PP+PD+PE+DL
Susa underground regulating basin of the Pont Ventoux Susa hydroelectric power plant	1992 - 2007	Pont Ventoux S.c.r.l.	SF
Susa discharge tank of the Pont Ventoux Susa hydroelectric power station	1992 - 2007	Pont Ventoux S.c.r.l.	PG+PP+PD+PE+DL
Val Clarea reservoir of the Pont Ventoux Susa hydroelectric power plant	1992 - 2007	Pont Ventoux S.c.r.l.	PG+PP+PD+PE+DL
Serre la Voute intake and barrage works of the Salbertrand Chiomonte hydroelectric power plant	1996 - 1996	AEM Torino S.p.A.	PE
Static restoration of the Eugio dam	1995 - 1995	AEM Torino S.p.A.	SF
Intake on Fiumicello drain	1991 - 1993	Consorzio Acque per le provincie di Forlì e Ravenna	SF+PP+PD+PE
Static verification of 18 dams in Sardinia controlled by Public Bodies	1988 - 1990	Regione Sardegna	SF
Dam on the Temo di Campeda	1988 - 1988	Consorzio per lo sviluppo industriale di Macomer	PP
Ridracoli dam	1963 - 2001	Consorzio Acque per le provincie di Forlì e Ravenna	SF+PP+PD+PE+DL
Dam on the Trexenda	1972 - 1974	Acquedotto di Savona S.p.A.	PP
Castrola and Treppio dams	1973 - 1973	A.M.G.A. Bologna	SF
Dam on the Lerone stream in Motto	1965 - 1970	Acquedotto De Ferrari Galliera S.p.A.	PP+PD+PE+DL
Upstream cofferdam of the hydroelectric power plant on the Dez in Iran	1960 - 1960	Cogefar S.p.A.	PP
Isola Serafini weir	1955 - 1962	Società Idroelettrica Medio Adige S.p.A.	PP+PD+PE+DL
Val Schener dam	1956 - 1960	Società Elettrica Selt Valdarno S.p.A.	SF+PP+PD+PE
Val Noana dam	1955 - 1957	Società Elettrica Selt Valdarno S.p.A.	SF+PP+PD+PE

TITLE OF THE WORK	PERIOD	CLIENT	SERVIZIO SVOLTO
Fluvial and maritime works, waterways, hydraulic planning			
Hydraulic works of the third crossing "dei Giovi" of the high-speed rail Milan-Genoa	2013 - 2014	Cociv	PE
Hydrologic and hydraulic characterization of the railroad between Jeddah and Riyadh (Saudi Arabia)	2013 - 2015	Italferr S.p.A.	PP
Defense of the settlements and infrastructures from the landslide of Ruinon of Valfurva (SO)	2013 - 2014	Infrastrutture Lombarde S.p.A.	PP
Basin rolling along the river Timonchio, in the municipality of Caldogno (VI)	2013 - 2013	Renzo Rossi Costruzioni S.r.l.	PG
Hydraulic arrangements of the towpaths and waterproofing of the Villoresi Canal, near Monza	2012 - 2012	Ing. Leopoldo Castelli S.p.A	PG
Hydraulic study of the Ceronda stream	2009 - 2009	La Venaria Reale	SF
Treporti barrage of the M.O.S.E. project in Venice	2004 - 2011	Technital S.p.A.	PE
Tunnel crossing of the Candiano channel in Ravenna	2003 - 2010	Cooperativa Muratori & Cementisti, C.M.C di Ravenna	SF+PP
Wharf promenade of the Loano port	2006 - 2007	S.E.P.I. S.r.l.	PE
Drainage system of the Venaria Reale and Borgaro Torinese ring road	2001 - 2010	Provincia di Torino	PE
Rimini port	2002 - 2003	Comune di Rimini	SF
Cervia Harbour	2001 - 2001	Alpina Acque S.r.l.	PE
Renovation of the Cenischia stream in Venaus	1997 - 1998	Comune di Venaus	PE
Reorganization of the water network of the Milan sud logistic centre in Lacchiarella	1995 - 1996	I.M.S. S.p.A.	PP+PD+PE
Hygienic renovation of the Savio upper valley	1994 - 1995	Consorzio Acque per le provincie di Forlì e Ravenna	PP+PD
Hydraulic settlement of the Armea stream	1990 - 1995	C.O.A.L.P.A. S.p.A.	PP+PD+PE+DL
Hydraulic settlement of the Rabbi river downstream the Premilcuore areas	1991 - 1991	Consorzio Acque per le provincie di Forlì e Ravenna	PP+PD+PE
Hydraulic settlement of the Bidente river downstream the Ridracoli dam	1986 - 1989	Consorzio Acque per le provincie di Forlì e Ravenna	PP+PD+PE
Hydraulic settlement of the Scrivia stream downstream the Torino-Piacenza motorway	1974 - 1975	Società Autostrade Torino Alessandria Piacenza S.p.A.	PE
Water utilization of the Rio Esmeralda basin	1972 - 1972	Alpina S.p.A.	PG
Hydraulic settlement of the Rojale stream	1970 - 1974	Società Autostrade Romane e Abruzzesi S.p.A.	PE
Padova Venezia waterway	1969 - 1973	Consorzio Idrovia S.p.A.	PP+PD+PE
Varazze touristic port	1970 - 1972	La Centrale Finanziaria S.p.A.	SF
Survey on the touristic ports of Bocca di Magra, Marina di Pisa, Lerici, Talamone, Baratti, Cesenatico and Gi	1969 - 1971	La Centrale Finanziaria S.p.A.	SF
Renovation of the Villoresi channel	1969 - 1969	Alpina S.p.A.	SF
Study on the commercial port of Milan	1968 - 1968	Alpina S.p.A.	SF
Hydraulic engineering project of the Roja stream	1966 - 1966	Autostrada dei Fiori S.p.A.	PE
Study on the drinking water use of the small lakes in the Centa mountain basin	1963 - 1964	Consorzio del Centa	SF
Chisimaio port in Somalia	1959 - 1961	A.F.I.S.	SF+PP+PD
Reinforced concrete caissons for the port of Trieste	1960 - 1960	Cogefar S.p.A.	SF+PP
Overall development waters plan for the Isarco Adige	1957 - 1957	Società Idroelettrica Alpina S.p.A.	SF+PP

TITLE OF THE WORK	PERIOD	CLIENT	SERVIZIO SVOLTO
Waterworks from 1993			
Waterworks of Itare - Kenya	2014 - 2015	CMC	PG
Waterworks of the ex-Baslini Urban Plan in Treviglio	2010 - 2013	Habita S.r.l.	SF+PP+PD
Waterworks of the ex-Siemens Urban Plan in Milan	2008 - 2013	Siemens S.p.A.	PP+PD+PE
Waterworks of the ex- Fiera City Life Urban Plan in Milan	2007 - 2013	City Life S.p.A.	PP+PD+PE
Waterworks of the Isola Lunetta Urban Plan in Milan	2006 - 2011	Hines S.p.A.	PP+PD+PE
Waterworks of the Isola De Castilia Urban Plan in Milan	2005 - 2009	Europrogetti S.r.l.	PP+PD+PE
Waterworks of the La Madonnina Urban Plan in Pavia	2006 - 2007	A.E.P. Sr.l.	PD+PE
Waterworks of the ex-Varesine area in Milan	2006 - 2013	Hines S.p.A.	PP+PD+PE+DL
Waterworks of the Vespucci street and Principessa Clotilde square area in Milan	2006 - 2014	Hines S.p.A.	PP+PD+PE+DL+SI
Waterworks of the Adriano Urban Plan in Milan	2000 - 2013	Adriano 81 S.p.A.	PP+PD+PE+DL
Waterworks of the Garibaldi Repubblica Urban Plan in Milan	2000 - 2010	Sviluppo Garibaldi Repubblica	PP+PD+PE+DL
Waterworks of the ex-Maserati Urban Plan in Milan	1996 - 2013	Rubattino 87 S.r.l.	PP+PD+PE+DL+SI
Waterworks of the ex-OM Urban Plan in Milan	1996 - 2013	Paleo S.r.l.	PP+PD+PE+DL+SI
Waterworks of the Grazioli Urban Plan in Milan	2000 - 2008	Come S.r.l.	PP+PD+PE+DL+SI
Waterworks of the IULM Urban Plan in Milan	1996 - 2004	Fintransport S.r.l.	PP+PD+PE+DL
Romagna Waterworks - Integration of wells in Forlì Cesena and CER (Romagna Waterworks)	1998 - 1998	Consorzio Acque per le provincie di Forlì e Ravenna	PP+PD+PE
Romagna Waterworks - Interconnection with the hydraulic works of the AMI Consortium	1997 - 1997	A.M.I. Imola	SF+PP+PD
Romagna Waterworks – Water deviation of the Savio	1991 - 2003	Alpina Acque S.r.l.	SF+PP+PD
Romagna Waterworks – Valverde Tank	1993 - 1996	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Water supplying from the Chiascio dam	1994 - 1994	Ente Irriguo Umbro Toscano	PG
Romagna Waterworks – Integration with hydraulic works of AMI and ACOSER	1993 - 1995	Consorzio Acque per le provincie di Forlì e Ravenna	SF+PP+PD
Romagna Waterworks - Integration with hydraulic works of AMGA Ravenna	1993 - 1995	Consorzio Acque per le provincie di Forlì e Ravenna	SF+PP+PD
Development of the Galavotto Ca' Moraccino pumping station in San Marino	1993 - 1994	Repubblica di San Marino	SF+PP+PD
Romagna Waterworks – Water hammer study on the main pipeline	1993 - 1994	Consorzio Acque per le provincie di Forlì e Ravenna	SF
Waterworks of the Venado Tuerto town in Argentina	1988 - 1999	Ministero delle opere pubbliche Repubblica Argentina	SF+PP+PD
Connection of the Valverde and Villamarina towns to the Cesenatico water distribution network	1992 - 1994	Comune di Cesenatico	PG
Romagna Waterworks – Torriana Tank	1992 - 1994	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Romagna Waterworks - Poggio Berni Tank	1991 - 1995	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Romagna Waterworks – Deviation and hanging tank in Bellaria	1996 - 1990	Consorzio Acque per le provincie di Forlì e Ravenna	PP+PD+PE+DL
Increase of water supply to the upper Bormida valley	1992 - 1993	Raggruppamento Italstrade S.p.A. Mantelli S.p.A.	PG

TITLE OF THE WORK	PERIOD	CLIENT	SERVIZIO SVOLTO
<u>Waterworks from 1954 to 1992</u>			
Romagna Waterworks - Integration with hydraulic works of AMGA Pesaro	1991 - 1994	A.M.G.A. Pesaro	SF+PP+PD
Romagna Waterworks – Southern ring	1992 - 1993	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Romagna Waterworks - Morciano Montefiore section - San Clemente variation	1991 - 1993	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Romagna Waterworks - Santo Marino section	1990 - 1994	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Romagna Waterworks – Connection to the Republic of San Marino	1990 - 1994	Repubblica di San Marino	PE+DL
Romagna Waterworks - Borghi Sogliano section	1990 - 1993	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Basin of Quarto and integration of the Savio water resources in the Romagna Waterworks	1990 - 1991	Consorzio Acque per le provincie di Forlì e Ravenna	SF+PP+PD
Romagna Waterworks – South Guideline	1990 - 1991	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Romagna Waterworks – Connection of the Mercato Saraceno town	1990 - 1991	A.M.G.A. Cesena	PE+DL
Romagna Waterworks - Misano S.Giovanni section in Marignano Cattolica	1990 - 1990	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Romagna Waterworks – Northern ring	1990 - 1990	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Romagna Waterworks - Poggio Berni Torriana section	1989 - 1990	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Romagna Waterworks – Connection of S. Clemente	1989 - 1990	Consorzio Acque per le provincie di Forlì e Ravenna	PE+DL
Romagna Waterworks - Lot V	1979 - 1981	Consorzio Acque per le provincie di Forlì e Ravenna	SF+PP+PD+PE+DL
Romagna Waterworks - Lot IV	1977 - 1991	Consorzio Acque per le provincie di Forlì e Ravenna	SF+PP+PD+PE+DL
Romagna Waterworks – Lot III	1989 - 1979	Consorzio Acque per le provincie di Forlì e Ravenna	SF+PP+PD+PE+DL
Romagna Waterworks - Lot II	1976 - 1982	Consorzio Acque per le provincie di Forlì e Ravenna	SF+PP+PD+PE+DL
Romagna Waterworks - Lot I	1977 - 1981	Consorzio Acque per le provincie di Forlì e Ravenna	SF+PP+PD+PE+DL
Trexenda Waterworks	1972 - 1974	Acquedotto di Savona S.p.A .	SF
Expansion of the Ferrari Galliera waterworks with dam on the Lerone stream in Motto	1965 - 1970	Acquedotto De Ferrari Galliera S.p.A.	SF+PP+PD+PE+DL
Riva Ponente Waterworks	1967 - 1968	La Centrale Finanziaria S.p.A.	SF
Merse Waterworks	1967 - 1968	Consorzio irriguo per le province di Siena e Grosseto	SF
Upper Marche Waterworks	1965 - 1968	Provincia di Pesaro e Urbino	SF
Pennavaira Waterworks	1966 - 1966	Consorzio Toscana Sud occidentale	SF
Romagna and Marche Waterworks	1962 - 1965	La Centrale Finanziaria S.p.A.	SF

TITLE OF THE WORK	PERIOD	CLIENT	SERVIZIO SVOLTO
<u>Sewerage systems, water treatment plants, irrigation systems</u>			
Sewerage system in Rodano street in the ex-Maserati Urban Plan in Milan	2014 - 2015	Rubattino 87 S.r.l.	PP+PD+PE+DL+SI
Study of the hydraulic system of the urban drainage system Clichy - Paris	2013 - 2014	Passavant S.p.A.	PG
Hydraulic Settlements at stations of the M5 in the stretch Garibaldi San Siro	2013 - 2015	Astaldi S.p.A.	PE
Restoration of the plants of the historic "Gerla" fountain in Giulio Cesare square in Milan	2013 - 2014	City Life S.p.A.	PD
Sewerage system of the ex-Baslini Urban Plan in Treviglio	2010 - 2013	Habita S.r.l.	SF+PP+PD
Groundwater discharge of the ex-Fiera City Life area Urban Plan in the Olona river, Milan	2011 - 2011	City Life S.p.A.	SF+PP+PD+PE
Sediment management of the intake of the Pont Ventoux Susa hydroelectric power plant	2010 - 2011	Iren Energia S.p.A.	SF
Sewerage system of the ex-Siemens Urban Plan in Milan	2008 - 2013	Siemens S.p.A.	SF+PP+PD+PE
Sewerage system of the ex-Fiera City Life Urban Plan in Milan	2007 - 2013	City Life S.p.A.	SF+PP+PD+PE
Sewerage system of the Isola Lunetta Urban Plan in Milan	2006 - 2011	Hines S.p.A.	SF+PP+PD+PE
Sewerage system of the Casorate Primo town	2007 - 2008	Azienda Speciale Multiservizi Pavia	SF
Sewerage system of the Isola De Castilia Urban Plan in Milan	2005 - 2009	Europrogetti S.r.l.	SF+PP+PD
Sewerage system of the La Madonnina Urban Plan in Pavia	2006 - 2007	A.E.P. Sr.l.	PD+PE
Sewerage system of the ex-Varesine area Urban Plan in Milan	2006 - 2013	Hines S.p.A.	SF+PP+PD+PE+DL
Sewerage system of the Adriano Urban Plan in Milan	2000 - 2013	Adriano 81 S.p.A.	SF+PP+PD+PE+DL
Sewerage system of the Garibaldi Repubblica Urban Plan in Milan	2000 - 2010	Sviluppo Garibaldi Repubblica	SF+PP+PD+PE+DL
Sewerage system of the ex-Maserati Urban Plan in Milan	1996 - 2013	Rubattino 87 S.r.l.	SF+PP+PD+PE+DL+SI
Sewerage system of the ex-OM Urban Plan in Milan	1996 - 2013	Paleo S.r.l.	SF+PP+PD+PE+DL+SI
Sewerage system of the Grazioli Urban Plan in Milan	2000 - 2008	Come S.r.l.	SF+PP+PD+PE+DL+SI
Sewerage system of the IULM Urban Plan in Milan	1996 - 2004	Fintransport S.r.l.	SF+PP+PD+PE+DL+SI
Water treatment and supply plants of the Venado Tuerto town in Argentina	1988 - 1989	Ministero delle opere pubbliche Repubblica Argentina	SF+PP
Treatment of the industrial waste of the Terminoss plant in Terni	1976 - 1977	Terminoss S.p.A.	SF
Water discharge system of the Ansaldo plant in Milan	1976 - 1976	Ansaldo S.p.A.	PP+PD+PE
Hydraulic settlement for the ISAB petroleum products store in Priolo	1973 - 1973	I.S.A.B. S.p.A.	PP+PD+PE
Waste treatment system of the Panigal plant in Bologna	1972 - 1973	Panigal S.p.A.	PP+PD+PE
Desalination system of the ANIC plant in Gela	1972 - 1972	A.N.I.C. S.p.A.	SF
Irrigation networks in Ecuador	1968 - 1968	Alpina S.p.A.	SF
Waste water depuration of the Rhodiatocce plant	1967 - 1968	Rhodiatocce S.p.A.	PP+PD+PE