

REFERENCE LIST

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List of Projects executed or on stream
from the year 2006 to 2016

CUSTOMER	PLANT	COUNTRY	CAPACITY
PAOIL	Refinery	Italy	300 TPD
DEKA	Soap splitting	Albania	30 TPD
SINCOHUILE	Solvent extraction	Tunisia	500 TPD
D.P.OIL	Biodiesel glycerine	Italy	80 TPD
Adria Oil	Bleaching	Italy	200 TPD
FAMAR	Physical refining	Colombia	150 TPD
VERDE	Pack column	Turkey	150 TPD
SUFI	Rew glycerine dist	Pakistan	6 TPD
LA.SA.OL	Neutralizing	Italy	50 TPD
UNITATA	Glycerine	Malaysia	80 TPD
HAJER	Rew f.a. Distillation	Syria	50 TPD
ANCHOR	Hydrogenation	India	30 TPD
GOKUL	Hydrogenation	India	50 TPD
LAS FLORES	Biodiesel	Colombia	150 TPD
RUCHI	F.a. Revamping	India	50 TPD
PAN CENTURY	Fractional distillation	Malaysia	75 TPD



CUSTOMER	PLANT	COUNTRY	CAPACITY
FAMAR	Bleaching	Colombia	150 TPD
D.P. OIL	Biodiesel.	Italy	110 TPD
D.P. OIL	Biodiesel (repeat order)	Italy	300 TPD
AYDIN	Refinery	Turkey	150 TPD
AYDIN	Solvent extraction	Turkey	800 TPD
PALAYSH	Solvent extraction	Middle East	500 TPD
PALAYSH	Biodiesel	Middle East	200 TPD
AYDIN	Oil pretreatment	Turkey	100 TPD
AYDIN	Biodiesel	Turkey	100 TPD
SAVOIL	Biodiesel (engineering)	Cyprus	6.000 Tons/Year
PAOS	Biodiesel	Malaysia	300 TPD
LA.SA.OL	Bleaching - deodorizing	Italy	50 TPD
LEO	Biodiesel	Turkey	60 TPD
SIOF	Solvent extraction	Morocco	300 TPD
DB TARIMSAL ENERJI A.S.	Biodiesel	Turkey	100 TPD
SINCOHUILE	Solvent extraction (repeated order)	Tunisia	400 TPD
LAS FLORES	Palm oil refining	Colombia	300 TPD
BIOD	Palm oil refining	Colombia	300 TPD
BIOD	Biodiesel	Colombia	300 TPD
BIOD	Glycerine refining	Colombia	30 TPD



CUSTOMER	PLANT	COUNTRY	CAPACITY
To be disclosed	Biodiesel glycerine	Italy	300 TPD
CAROTINO	Biodiesel – glycerine	Malaysia	250 TPD
ODYN	Physical refining	Colombia	120 TPD
ODYN	Biodiesel	Colombia	120 TPD
ABDELMOULA	Bleaching – filtering	Tunisia	100 TPD
ABDELMOULA	Physical refining	Tunisia	100 TPD
SLAMA	Bleaching	Tunisia	150 TPD
ANCHOR	Hydrogenation	India	50 TPD
THASUN ARWAND	Biodiesel	Iran	400 TPD
THASUN ARWAND	Glycerine	Iran	40 TPD
FULL FRONT	Biodiesel	China	300 TPD
OIL CORP	Biodiesel	Indonesia	600 TPD
OIL CORP	Refinery	Indonesia	
OIL CORP	Glycerine	Indonesia	60 TPD
FUTURE PRELUDE	Biodiesel	Malaysia	300 TPD
FUTURE PRELUDE	Glycerine	Malaysia	30 TPD
BONANZA	Biodiesel	Malaysia	300 TPD
BIOAGRA	Biodiesel	Poland	600 TPD



CUSTOMER	PLANT	COUNTRY	CAPACITY
BIOAGRA	Glycerine	Poland	60 TPD
BIOAGRA	Refinery	Poland	200 TPD
BIOAGRA	Esterification	Poland	20 TPD
COGNIS	Methylester Distillation	Malaysia	250 TPD
NATOLEO-NXSOL	Glycerine	Malaysia	100 TPD
OIL LINE	Biodiesel	Indonesia	600 TPD
OIL LINE	Glycerine	Indonesia	60 TPD
ROSSETTO	Solvent extraction	Italy	1000 TPD
ROSSETTO	Refining	Italy	200 TPD
MATALUNI	Refining	Italy	200 TPD
BIOROMOIL	Biodiesel	Romania	150 TPD
BIOROMOIL	Refining	Romania	150 TPD
BIOROMOIL	Glycerine	Romania	20 TPD
S.M.U.	Glycerine	Indonesia	50 TPD
TAMPIERI	Refining	Italy	400 TPD
F&G TRADING LTD	Refining	England	250 TPD
SE- LIZENZVERMARKTUNGS GMBH	Winter	Austria	150 TPD



CUSTOMER	PLANT	COUNTRY	CAPACITY
TAMPIERI	Solvent Extraction Rewamping	Italy	1200 TPD
DP LUBRIFICANTI	Total Methylester Distillation	Italy	200 TPD
JSC ARVI CUKRUS	Oil Pre-Treatment	Lithuania	120 TPD
JSC ARVI CUKRUS	Biodiesel Rewamping	Lithuania	120 TPD
AGRITAL S.R.L.	Continuous Unit for hydration, separation and lecithin drying and dehydration	Italy	140 TPD
AG STRONG INC.	Continuous Bleaching Plant	USA	75 TPD
AG STRONG INC.	Continuous Deodorizing Plant	USA	75 TPD
CARAPELLI – GRUPO SOS	Refining Plant	Italy	300 TPD
API ENERGIA BRASIL NOVABRA ENERGIA ES.SA.	Seed Extraction	Brazil	600-1200 TPD
ZAO KOLOS	Solvent Extraction Plant	Ukraine	800 TPD
KANDLA AGRO & CHEMICALS PVT. LTD	Hydrogenation Plant	India	80 TPD
ABOU WALID	Soap Splitting	Tunisia	100 TPD
PT OLEOCHEM	Glycerine	Indonesia	60 TPD
FULL FRONT	Fame Fractionation	China	150 TPD
ITALGREENOIL	Upgrading Solvent Extraction	Italia	1.000 TPD
SEBACIC	Glycerine	India	40 TPD



CUSTOMER	PLANT	COUNTRY	CAPACITY
PROFARB	Fatty Acids Complex	Poland	60 TPD
PROFARB	Hydrogenation	Poland	60 TPD
ILSAP BIOPRO	Total Methylester Distillation	Italy	200 TPD
EL ALBARDON	Degumming Neutralizing	Argentina	100 TPD
EL ALBARDON	Biodiesel	Argentina	300 TPD
EL ALBARDON	FAME Distillation	Argentina	200 TPD
NATOLEO – WILMAR	IPP Distillation	Malaysia	100 TPD
IOCECA	Degumming Neutralizing	Venezuela	300 TPD
PEC ENTERPRISES S.A.	Acidulation	Greece	100 TPD
DB TARIMSAL	Refinery	Turkey	200 TPD
DB TARIMSAL	Biodiesel	Turkey	200 TPD
DB TARIMSAL	Solvent Extraction	Turkey	300 TPD
G.C.V.O. KADO COMPANY	Neutralizing Bleaching Deodorizing Winterizing	Iraq	150 TPD
ARMA FOOD	Neutralizing	Egypt	1.000 TPD
BKP	Glycerine	Indonesia	30 TPD
DP LUBRICANTS	Biodiesel Distillation Rectification	Italy	150 TPD
TOS ENGINEERING	Fatty Acids Complex	Germany	80 TPD
TOS ENGINEERING	Oil Recovery Treatment	Germany	200 TPD



CUSTOMER	PLANT	COUNTRY	CAPACITY
ADVOC	Oil Refining	Abu Dhabi	200 TPD
BESLER	Neutralizing – Winterizing	Turkey	500 – 1000 TPD
SAVOLA	Bleaching Physical Refining	Saudi Arabia	1000 TPD
TASYAPI	Biodiesel	Turkey	150 TPD
TASYAPI	Oil Treatment	Turkey	150 TPD
TASYAPI	Glycerine	Turkey	15 TPD
TASYAPI	Biodiesel Distillation	Turkey	150 TPD
EL TEITAL	Fat Splitting	Sudan	100 TPD
EL TEITAL	F.A. Distillation	Sudan	100 TPD
EL TEITAL	Glycerine Refining	Sudan	100 TPD
LES HUILERIE DU SOUSS	Deodorizing Rewamping	Marocco	400 TPD
BKP	Distillation of PFAD with Precut	Indonesia	200 TPD
PT WILMAR NABATI	Semi continuous esterification and Deacidification	Indonesia	300 TPD PFAD
NATURA PHILIPPINE	Biodiesel Biodiesel Distillation Refining Glycerine Treatment Esterification	Philippine	70 TPD
RAFINERIA TRZEBINIA S.A.	Degumming Plant	Poland	400 TPD
NEFIS	Rewamping Refinery	Russia	440 TPD
IOCECA	Bleaching	Venezuela	300 TPD



CUSTOMER	PLANT	COUNTRY	CAPACITY
NIMIR	Splitting Distillation Glycerine	Pakistan	50 TPD 50 TPD 5 TPD
IOCECA	Deodorizing	Venezuela	300 TPD
XINLI	Biodiesel	China	300 TPD
AYSHAN	Biodiesel	China	200 TPD
AYSHAN	Biodiesel Distillation	China	200 TPD
CRYSTAL FOOD OIL	Neutralizing hot and cold Bleaching – Physical Refining	Qatar	50 TPD
EXOIL TRADING S.A.	Solvent Extraction	Russia	2000 TPD
EURICOM SPA	Solvent Extraction	Cuba	1000 TPD
ELEFTERIOS RENIERIS EEE	Refining	Greece	100 TPD
DP LUBRICANTS	Esterification	Italy	150 TPD
SOVENA ESPANA S.A.	Continuous Deacidification	Spain	250 TPD
XINLI	Glycerine Refining	China	50 TPD
XINLI	Biodiesel Distillation	China	300 TPD
DELTA OIL	Cold Neutralizing Bleaching Deodorizing – Physical Refining	Sudan	200 TPD 200 TPD 200 TPD
KADO COMPANY (Repeated Order)	Acid Degumming Neutralizing Winterizing and Washing Continuous Bleaching Filtering Deodorising/Physical Refining Continuous Soapstock acidulation	Iraq	200 TPD



CUSTOMER	PLANT	COUNTRY	CAPACITY
CARTHAGE GRAINS	Rewamping Solvent Extraction	Tunisie	1500 TPD 1800 TPD
PPP GREEN COMPLEX Co. Ltd.	Biodiesel PFAD Esterification Glycerine Distillation	Thailand	450 TPD 50 TPD 55 TPD
THAI OLEOCHEMICAL COMPANY Ltd.	Biodiesel	Thailand	600 TPD
DELTA OIL	Preparation and Pre-Pressing Solvent Extraction	Sudan	300 TPD 200 TPD



LIST OF THE PLANTS BEFORE YEAR 2006





CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
DRINOL KOMPANI SH.A.	REFINERY REVAMPING	Albania	75 TPD	1999
VAJBRA BIMORE	NEUTRALIZING – BLEACHING – FILTERING - DEODORIZING	Albania	25 TPD	2001
OLIM CO.	PHYSICAL REFINING – NEUTRALIZING WITH DEWAXING – BLEACHING - DEODORIZING	Albania	120 TPD	2003
OLIM CO.	SOLVENT EXTRACTION	Albania	200 TPD	2004
LEVER	GLYCERINE DISTILLATION	Argentina	18 TPD	1995
NUEVO FEDERAL	GLYCERINE DISTILLATION	Argentina	15 TPD	1999
LUZHOU NATURAL GAS	DESULPHURIZATION BLEACHING FATS SPLITTING SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION FATTY ACIDS DISTILLATION FRACTIONAL DISTILLATION HYDROGENATION FLAKING FATS MELTING	China	100 TPD 100 TPD 100 TPD 80 TPD 80 TPD 10 TPD 100 TPD 100 TPD 100 TPD 100 TPD	1990
ZHONG YUAN PHARMACEUTICAL F.TY	NEUTRALIZING BLEACHING DEODORIZING WINTERIZING	China	100 TPD 20 TPD 20 TPD 20 TPD	1990



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
JINAN LIGHT INDUSTRY	FAT SPLITTING FATTY ACIDS DISTILLATION SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION	China	100 TPD 100 TPD 80 TPD 80 TPD 13 TPD	1990
WENDENG	NEUTRALIZING - BLEACHING DEODORIZING	China	100 TPD	1991
SICHUAN CHANTIANG VEGETABLE OIL F.TY	DEODORIZING	China	30 TPD	1994
HENAN HAOREN	NEUTRALIZING – BLEACHING - DEODORIZING	China	50 TPD	1995
ZHENJIANG	NEUTRALIZING – BLEACHING - DEODORIZING	China	50 TPD	1995
LOOK EASE	NEUTRALIZING – WINTERIZING – BLEACHING - DEODORIZING	China	50 TPD	1996
CMEC - HUBEI	PREPRESSING – NEUTRALIZING – BLEACHING - DEODORIZING	China	300 TPD	1996
HARBIN FUKANG FATS OILS	NEUTRALIZING – BLEACHING – DEODORIZING/PHYSICAL REFINING - WINTERIZING	China	50 TPD	1996
HENAN LIGHT IND. PROD. IMP. & EXP. CORP.	NEUTRALIZING – BLEACHING- DEODORIZING	China	100 TPD	1997
CMEC HUBEI	PREPARATION EQUIPMENT	China	600 TPD	1998



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
HANGZHOU ELECTROCHEMICAL GROUP	FAT SPLITTING FATTY ACIDS HYDROGENATION FATTY ACIDS DISTILLATION	China	70 TPD 35 TPD 70 TPD	1999
NICE CHEMICAL	GLYCERINE DISTILLATION	China	90 TPD	2001
DALRYBA VLADIVOSTOK	PRETREATMENT FAT SPLITTING FATTY ACIDS DISTILLATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION HYDROGENATION	C.I.S. Russia	50 TPD 50 TPD 50 TPD 50 TPD 5 TPD 50 TPD	1993
MABETEX	NEUTRALIZING – BLEACHING - DEODORIZING	C.I.S. Russia	10 TPD	1993
OCRIM	NEUTRALIZING – BLEACHING – DEDORIZING - WINTERIZING	C.I.S. Russia	10 TPD	1994
SLAVDA	FATS PURIFICATION FLAKING & BAGGING	C.I.S. Russia	25 TPD 5 TPD	1998
SKIT	REFINERY	C.I.S. Russia	100 TPD	2004
DUQUESA	PHYSICAL REFINING	Colombia	50 TPD	1990
FAMAR OLEOFLORES	PHYSICAL REFINING PRETREATMENT – BLEACHING – PHYSICAL REFINING - FRACTIONATION	Colombia Colombia	100 TPD 50 TPD	1992 1993
OLEOFLORES (R.O.)	PRETREATMENT – BLEACHING – PHYSICAL REFINING - FRACTIONATION	Colombia	50 TPD	1994
GRADESA	PHYSICAL REFINING	Colombia	100 TPD	1994



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
OLEOFLORES (R.O.)	PHYSICAL REFINING	Colombia	75 TPD	1998
OLEOFLORES	PHYSICAL REFINING - DRY FRACTIONATION	Colombia	200 TPD	2004
TVORNICA ULJA	DEODORIZING	Croatia	100 TPD	1990
ZVIJEZDA	SOAPSTOCK SPLITTING	Croatia	300 TPD	2003
GULF IMPORT EXPORT (FOR ZANZIBAR)	NEUTRALIZING BLEACHING DEODORIZING FRACTIONATION SHORTENING	Dubai	50 TPD 50 TPD 50 TPD 30 TPD 50 TPD	1994
NATIONAL PAINTING	ALKYD RESINS POLYESTER	Dubai	20 TPD 20 TPD	1997
A.O.S. (R.O.)	DEODORIZING	Egypt	100 TPD	1990
EXTRACTED OILS	DEODORIZING DEODORIZING	Egypt	100 TPD 120 TPD	1991
UNITED OIL PROCESSING	NEUTRALIZING BLEACHING PHYSICAL REFINING WINTERIZING FRACTIONATION	Egypt	120 TPD 120 TPD 120 TPD 50 TPD 50 TPD	1993
THE NILE COTTON GINNING CO.	PHYSICAL REFINING	Egypt	100 TPD	1993
GULF CHEMICAL IMP. & EXP.	ALKYD RESINS	Egypt	40 TPD	1994
I.O.I.	OIL TREATMENT – BLEACHING – PHYSICAL REFINING	Egypt	600 TPD	1994



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
THE NILE COTTON GINNING CO.	DESOLVENTIZER TOASTER	Egypt	170 TPD	1995
S.I.S. CO.	SPLITTING – FAT DISTILLATION – SOAP PRODUCTION	Egypt	25 TPD	1996
ARABIAN COMPANY FOR CHEMICALS & RESINS	ALKYD RESINS	Egypt	30 TPD	1997
I.O.I.	NEUTRALIZING DEWAXING OIL PRETREATMENT	Egypt	150 TPD 50 TPD	1997
UNICHEMA	FAT SPLITTING FATTY ACIDS DISTILLATION WITH PRECUT SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION	Egypt	150 TPD 150 TPD 130 TPD 130 TPD 15 TPD	1999
SEA OIL	FISH OIL REFINERY (PILOT PLANT) FRACTIONATION	France		1999
BALLESTRA for HENKEL	SULPHONATION PILOT PLANT	Germany		1991
BALLESTRA for ARGE KIEL	DEGUMMING – PHYSICAL REFINING	Germany	100 TPD	1995
GOPDC	DRY DEGUMMING – BLEACHING – PHYSICAL REFINING	Ghana	100 TPD	2004
ELVI	NEUTRALIZING & DEGUMMING	Greece	130 TPD	2004



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
STANDARD UNION	NEUTRALIZING – BLEACHING - DEODORIZING	Hong Kong	60 TPD	1994
COLGATE INDIA	PRETREATMENT FAT SPLITTING F.A.DISTILLATION WITH PRECUT SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION HYDROGENATION	India	75 TPD 75 TPD 75 TPD 75 TPD 7.5 TPD 25 TPD	1990
GODREJ	F.A. DISTILLATION WITH PRECUT	India	100 TPD	1990
JAYALAXMI (R.O.)	FAT SPLITTING FATTY ACIDS DISTILLATION	India	30 TPD	1990
NIRMA	FAT SPLITTING – FATTY ACIDS DISTILLATION	India	75 TPD	1995
NIRMA (R.O.)	FAT SPLITTING F.A. DISTILLATION SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION HYDROGENATION	India	150 TPD 150 TPD 150 TPD 150 TPD 15 TPD 50 TPD	1995
SIRIS AGRO	HYDROGENATION	India	30 TPD	1995



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
SREE RAYALASEEMA	FAT SPLITTING F.A. DISTILLATION WITH PRECUT SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION HYDROGENATION	India	75 TPD 75 TPD 75 TPD 7.5 TPD 40 TPD	1996
MINAL OIL	SWEET WATER EVAPORATION GLYCERINE DISTILLATION	India	100 TPD 10 TPD	1996
MINAL OIL	HYDROGENATION	India	100 TPD	1997
MINAL OIL	FAT SPLITTING F.A. DISTILLATION	India	50 TPD	1998
NIRMA (R.O.)	FAT SPLITTING F.A. DISTILLATION WITH PRECUT SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION HYDROGENATION	India	150 TPD 150 TPD 150 TPD 15 TPD 50 TPD	2000
ANCHOR HEALTH & BEAUTY	FAT SPLITTING F.A. DISTILLATION WITH PRECUT SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION	India	150 TPD 150 TPD 150 TPD 15 TPD	2002



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
PARACK FOOD	FAT SPLITTING F.A. DISTILLATION SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION	India	75 TPD 75 TPD 75 TPD 75 TPD 7.5 TPD	2002
CISIDANE (R.O.)	FAT SPLITTING F.A. DISTILLATION	Indonesia	50 TPD	1990
CISIDANE (R.O.)	GLYCERINE DISTILLATION	Indonesia	25 TPD	1991
UNILEVER (R.O.)	SPENT LYES EVAPORATION	Indonesia	50 TPD	1994
SINAR ANTJOL (R.O.)	UPGRADING PHYSICAL REFINING	Indonesia	100 TPD	1995
SALIM	FRACTIONATION PLANT (PILOT)	Indonesia		1996
SALIM	FRACTIONATION PLANT	Indonesia	35 TPD	1997
P.T. WING SURYA	GLYCERINE DISTILLATION	Indonesia	24 TPD	1997
P.T. OLEOCHEM SOAP INDUSTRI	SPENT LYES EVAPORATION GLYCERINE DISTILLATION	Indonesia	50 TPD 18 TPD	2000
P.T. SINAR ANTJOL	SPENT LYES EVAPORATION GLYCERINE DISTILLATION	Indonesia	110 TPD 30 TPD	2000
P.T. BINA KARYA PRIMA	SPENT LYES PURIFICATION SPENT LYES EVAPORATION GLYCERINE DISTILLATION	Indonesia	100 TPD 100 TPD 30 TPD	2001
P.T. WING SURYA	SPENT LYES PURIFICATION SPENT LYES EVAPORATION GLYCERINE DISTILLATION	Indonesia	150 TPD 150 TPD 50 TPD	2002
P.T. ECOGREEN	GLYCERINE CONCENTRATION GLYCERINE DISTILLATION	Indonesia	40 TPD 25 TPD	2002



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
P.T. SAYAP MAS UTAMA	SPENT LYES PURIFICATION SPENT LYES CONCENTRATION	Indonesia	150 TPD	2003
GILAVAN	NEUTRALIZING – BLEACHING - DEODORIZING	Iran	30 TPD	1991
CHARBIHAYE SANATI KHORAMSHAHR CO.	FAT SPLITTING SWEET WATER PURIFICATION SWEET WATER EVAPORATION F.A. DISTILLATION GLYCERINE DISTILLATION	Iran	30 TPD	1998
KARE GIAHI KARUN	MARGARINE & SHORTENING	Iran	60 TPD	1998
DISAL	F.A. DISTILLATION	Iran	25 TPD	1999
KHAVARDASHT (EPC CONTRACT)	SEED PREPARATION AND PRESSING SOLVENT EXTRACTION	Iran	500 TPD 500 TPD	2002
JAHAN VEGETABLE OIL COMPANY (EPC CONTRACT)	BLEACHING DEODORIZING SOAPSTOCK ACIDULATION HYDROGENATION POST-BLEACHING MARGARINE SHORTENING CANS AND BOTTLES FILLING MARGARINE FILLING CANS MANUFACTURING UTILITIES AND ANCILLARIES HYDROGEN PRODUCTION WASTE WATER TREATMENT	Iran	400 TPD 250 TPD 400 TPD 400 TPD 5 TPH 10 TPH	2002



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
PARS ESHEN	FAT SPLITTING F.A. DISTILLATION WITH PRE-CUT SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION	Iran	100 TPD 100 TPD 75 TPD 75 TPD 13 TPD	2002
SANAH DANEH FARIMAN	PRE-PRESSING PREPARATION SOLVENT EXTRACTION	Iran	1000 TPD 1000 TPD	2002
ANNUNZIATA (R.O.)	FAT SPLITTING SWEET WATER EVAPORATION	Italy	75 TPD 75 TPD	1990
BALLESTRA for PROCTER & GAMBLE	SULPHONATION PLANT	Italy	75 TPD	1991
NERI	LECITHIN REMOVAL	Italy	75 TPD	1991
I.GI.	NEUTRALIZING BLEACHING DEODORIZING MARGARINE	Italy	50 TPD	1992
ICOP (R.O.)	SOLVENT EXTRACTION	Italy	150 TPD	1992
CEREOL	DESOLVENTIZER - TOASTER	Italy	2000 TPD	1993
TAMPIERI	SEED PREPARATION SOLVENT EXTRACTION LECITHIN RECOVERY	Italy	1200 TPD 1200 TPD 200 TPD	1993
QUACKER – CHIARI E FORTI	BLEACHING – FILTRATION REFINERY AUTOMATION	Italy	300 TPD	1993



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
OLEIFICI FASANESI	DEODORIZING UPGRADING DEODORIZING UPGRADING DEDORIZING UPGRADING	Italy	150 TPD 100 TPD 120 TPD	1993
CORICELLI	NEUTRALIZING BLEACHING PHYSICAL REFINING	Italy	70 TPD	1994
QUACKER – CHIARI E FORTI	WINTERIZING	Italy	300 TPD	1994
ENI RICERCHE	SPENT LYES EVAPORATION	Italy	20 TPD	1994
UNIGRA	HYDROGENATION	Italy	80 TPD	1995
BALLESTRA	FILM REACTORS ELECROFILTERS CONVERSION TOWERS	Italy	38 Units 48 Units 6 Units	
TAMPIERI	NEUTRALIZATION WITH DEWAXING BLEACHING WINTERIZATION DEODORIZING SOAPSTOCK ACIDULATION	Italy	400 TPD 400 TPD 400 TPD 400 TPD	1995
ITALGREEN OIL	DESOLVENTIZER TOASTER	Italy	800 TPD	1997
OLEIFICIO S.GIORGIO	UPGRADING SOLVENT EXTRACTION	Italy	500 TPD	1999
FACI	No. 2 F.A. ANTIPOLLUTION SYSTEM	Italy		1999
ORGANIC OIL	PHYSICAL REFINING	Italy	30 TPD	2000
SALINDO SAGRA	PHYSICAL REFINING	Italy	350 TPD	2001
MATALUNI	PHYSICAL REFINING	Italy	100 TPD	2002



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
MAZZONI for HAYAT (Turkey)	GLYCERINE DISTILLATION	Italy	52 TPD	2002
MATALUNI	NEUTRALIZATION	Italy	50 TPD	2004
J.I.R.	FAT TREATMENT FAT SPLITTING SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION F.A. DISTILLATION	Jordan	40 TPD 40 TPD 40 TPD 40 TPD 4 TPD 40 TPD	1993
AL RIYADH	PRETREATMENT BLEACHING PHYSICAL REFINING	Jordan	50 TPD	1993
AL RIYADH (R.O.)	UPGRADING OF EXISTING PLANT	Jordan	75 TPD	1994
J.I.R. (R.O.)	SWEET WATER PURIFICATION GLYCERINE DISTILLATION	Jordan	50 TPD 5 TPD	1995
AL RIYADH	WINTERIZING - SHORTENING	Jordan	50 TPD	1995
UMIC	SOAPSTOCK ACIDULATION UPGRADING REFINING	Jordan	50 TPD 100 TPD	1995
UMIC	PRETREATMENT - BLEACHING	Jordan	100 TPD	1996
J.I.R. (R.O.)	FAT SPLITTING SWEET WATER EVAPORATION (Expansion)	Jordan	60 TPD 60 TPD	1996



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
MADAEN	SAPONIFICATION SOAP NOODLE PRODUCTION	Jordan	50 TPD	1997
JORDAN VEGETABLE OIL	NEUTRALIZING DEWAXING	Jordan	100 TPD	1998
MODERN SULPHOCHEMICAL INDUSTRY	COMPLETE TANK FARM AND ACCESSORIES	Jordan		2000
MADAEN	EXPANSION OF SOAP PLANT	Jordan	50 TPD	2001
C.P.C. (R.O.)	NEUTRALIZING SOLVENT EXTRACTION REVAMPING	Kenya	30 TPD 100 TPD	1990
AL DUAJ	GLYCERINE DISTILLATION	Kuwait	5 TPD	1993
KUWAIT FLOUR MILLS	WINTERIZING UNIT	Kuwait	100 TPD	1999
NALIN OLEOCHEMICALS	FAT SPLITTING SWEET WATER EVAPORATION	Malaysia	125 TPD 100 TPD	1991
NATURAL OLEOCHEMICALS	FAT SPLITTING SWEET WATER PRECONCENTRATION SWEET WATER PURIFICATION GLYCERINE DISTILLATION F.A. DISTILLATION WITH PRECUT	Malaysia	Two lines 400 TPD each 400 TPD 160 TPD 50 TPD 120 TPD	1995
NATURAL OLEOCHEMICALS	F.A. FRACTIONAL DISTILLATION GLYCERINE DISTILLATION	Malaysia	180 TPD 60 TPD	2002



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
NATURAL OLEOCHEMICALS	FAT SPLITTING WITH SWEET WATER PRECONCENTRATION SWEET WATER CONCENTRATION GLYCERINE DISTILLATION	Malaysia	700 TPD 250 TPD 60 TPD	2004
PALM OLEO KLK	DRY DEGUMMING AND BLEACHING FAT SPLITTING WITH SWEET WATER PRECONCENTRATION SWEET WATER PURIFICATION SWEET WATER CONCENTRATION GLYCERINE DISTILLATION FATTY ACIDS DISTILLATION WITH PRE-CUT	Malaysia	200 TPD 450 TPD 220 TPD 220 TPD 60 TPD 450 TPD	2004
PROCTER & GAMBLE	SPENT LYES TREATMENT SPENT LYES EVAPORATION	Mexico	120 TPD 120 TPD	1992
I.Q.M.	FAT SPLITTING	Mexico	50 TPD	1997
BALTIMAR	NEUTRALIZING – BLEACHING DEODORIZING – DRY FRACTIONATION - SHORTENING	Morocco	30 TPD	1993
SIOF	SOLVENT EXTRACTION	Morocco	100 TPD 50 TPD	1994
SUDEXPORT	NEUTRALIZING – BLEACHING DEODORIZING	Morocco	100 TPD	1995
LES HUILERIES DU SOUSS	PHYSICAL REFINING	Morocco	300 TPD	1997
HUILERIES DE MEKNES	UPGRADING DEODORIZING PLANT	Morocco	150 TPD	1999



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
SIOF	PHYSICAL REFINING	Morocco	150 TPD	1999
LES HUILLERIES DU SOUSS	SEED PREPARATION DRYING UNITS CONTINUOUS SOLVENT EXTRACTION	Morocco	1000 TPD 1200 TPD 1000 TPD	1999
LES HUILLERIES DU SOUS	CONTINUOUS BLEACHING FILTERING	Morocco	500 TPD	2000
GROUPE BEL HASSAN	PRESSING UNIT	Morocco	500 TPD	2000
GROUPE BEL HASSAN	NEUTRALIZING – WINTERIZING BLEACHING – FILTERING PHYSICAL REFINING HYDROGENATION	Morocco	300 TPD 300 TPD 300 TPD 200 TPD	2001
GROUPE BEL HASSAN	MARGARINE HYDROGEN PRODUCTION DRY FRACTIONATION	Morocco	100 TPD 150 TPD	2001
LES HUILLERIES DU SOUSS	BLEACHING PHYSICAL REFINING	Morocco	150 TPD 150 TPD	2001
LES HUILLERIES DU SOUSS	SEED PREPARATION	Morocco	500 TPD	2002
LES HUILLERIES DU SOUSS	INTERESTERIFICATION	Morocco	200 TPD	2002
ARUN VANASPATI	NEUTRALIZING – BLEACHING – DEODORIZING – HYDROGENATION – PHYSICAL REFINING	Nepal	30 TPD	1990
DRURY	SULPHURIC ACID PLANT	Nigeria	150 TPD	1993



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
PAMS	PRETREATMENT – BLEACHING PHYSICAL REFINING	Nigeria	50 TPD	1994
KEEMIA OMAN S.A.O.G.	FAT TREATMENT FAT SPLITTING SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION FATTY ACID DISTILLATION SOAP NOODLE PRODUCTION	Oman	50 TPD 50 TPD 50 TPD 50 TPD 5 TPD 50 TPD	1997
OLEOTECNICA (R.O.)	PHYSICAL REFINING DRY FRACTIONATION	Peru	120 TPD 100 TPD	1991
UCISA	DRY FRACTIONATION	Peru	40 TPD	1991
ALPAMAYO (R.O.)	DRY FRACTIONATION	Peru	30 TPD	1995
POLLENA NOWY DWOR	FAT SPLITTING F.A. DISTILLATION	Poland	100 TPD 100 TPD	1990
SALROM	SALT CONCENTRATION	Rumania	100 TPD	2000
SISCO	WHITE OIL TRANSFORMER OIL	Saudi Arabia	50 TPD	1993
G.C.I.R. SISCO	ALKYD RESINS FAT SPLITTING FATTY ACID DISTILLATION SWEET WATER PURIFICATION SWEET WATER EVAPORATION F.A. FRACT. DISTILLATION	Saudi Arabia Saudi Arabia	40 TPD 50 TPD	1993 1994
SISCO	MISCELLANEA	Saudi Arabia		1994



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
BANAT	REVAMPING SOLVENT EXTRACTION	Serbia	200 TPD	2004
INDUSTRIAS PONT	EXTRACTION PLANT	Spain	350 TPD	1991
CAYLA Y PARES	FATTY ACIDS DISTILLATION GLYCERINE DISTILLATION	Spain	100 TPD 24 TPD	1996
INDUSTRIAS PONT	DESOLVENTIZER – TOASTER - DRYER	Spain		
LASCARAY	SPLITTING FATTY ACIDS DISTILLATION SWEET WATER PURIFICATION SWEET WATER EVAPORATION GLYCERINE DISTILLATION	Spain	50 TPD 50 TPD 50 TPD 50 TPD 6 TPD	1996
INDUSTRIAS PONT	PHYSICAL REFINING PLANT	Spain	150 TPD	1997
UNILEVER	SPENT LYES EVAPORATION	Sri Lanka	80 TPD	1995
BITAR	NEUTRALIZER – BLEACHING DEODORIZING	Syria	10 TPD 10 TPD 10 TPD	1997
AVOCO – AL-AHLIAH VEGETABLE OIL COMPANY	NEUTRALIZING AND WINTERIZING BLEACHING DEODORIZING HYDROGENATION POST-BLEACHING VEGETABLE GHEE AND SHORTENING OFFSITES AND UTILITIES	Syria	150 TPD 150 TPD 170 TPD 80 TPD 80 TPD 150 TPD	1998
SYRIANNE CO. FOR PROCESSING & REFINING EDIBLE OIL	NEUTRALIZING AND WINTERIZING	Syria	100 TPD	2000



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
ASSAD & BETINJANEH CO. SYRIAN OLIVE OIL	BLEACHING - DEODORIZING	Syria	100 TPD	2002
BADER TOOMEH HAJER	GLYCERINE DISTILLATION GLYCERINE PURIFICATION GLYCERINE CONCENTRATION GLYCERINE DISTILLATION	Syria Syria	20 TPD 50 TPD 50 TPD 7.5 TPD	2002 2003
HAMDAN GHALEB TOOMEH	GLYCERINE DISTILLATION	Syria	20 TPD	2004
STANDARD FOODS TAIWAN LIMITED	WINTERIZING SOAPSTOCK ACIDULATION	Taiwan	100 TPD 25 TPD	1995
TRADECO	PRETREATMENT – BLEACHING PHYSICAL REFINING FRACTIONATION SHORTENING	Tanzania	75 TPD	1994
TRADECO (R.O.)	NEUTRALIZING	Tanzania	100 TPD	1995
TRADECO (R.O.)	PHYSICAL REFINING	Tanzania	100 TPD	1998
ABDELMOULA	DEODORIZING FILTERING PLANT	Tunisia	100 TPD 100 TPD	1990
SINCO HUILE	NEUTRALIZING WINTERIZING BLEACHING PHYSICAL REFINING	Tunisia	150 TPD	1999
ABDELMOULA	UPGRADING DEODORIZING	Tunisia	150 TPD	1999
SINCO HUILE	UPGRADING SOLVENT EXTRACTION	Tunisia	600 TPD	1999
DALAN KIMYA	GLYCERINE DISTILLATION	Turkey	25 TPD	1999



CUSTOMER	PLANT	COUNTRY	CAPACITY	YEAR
LIO YAG SAN. VE. TIC.	PHYSICAL REFINING	Turkey	100 TPD	2000
ABU DHABI VEGETABLE OIL	NEUTRALIZATION WITH DEWAXING BLEACHING PHYSICAL REFINING ACIDULATION	U.A.E.	150 TPD 150 TPD 150 TPD 10 TPD	1996
NATIONAL PAINTING	ALKYD RESINS	U.A.E.	20 TPD	1997
MUKWANO	MARGARINE	Uganda	50 TPD	1992
MUKWANO	PRE-TREATMENT BLEACHING PHYSICAL REFINERY FRACTIONATION (2 units)	Uganda	150 TPD 150 TPD 150 TPD 75 x 2	1994
MUKWANO	EXTENSION OF FRACTIONATION	Uganda	210 TPD	1998
MADAEN	SOAP FINISHING LINE	Ukraine		1999
ZAO "KOLOS"	SOLVENT EXTRACTION	Ukraine	270 TPD	2003
FORTUNA	FAT SPLITTING	Uruguay	40 TPD	1990
ARREAZA CALATRAVA	PHYSICAL REFINING	Venezuela	75 TPD	
H.S.A. HAYEL SAEED ANAM	HYDROGENATION	Yemen	40 TPD	2000