



**PROJECTED PULP AND PAPER MILLS
IN THE WORLD
1984 — 1994**

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FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

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← Pulp and paper industry

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The information contained in this document has been compiled from published announcements and from other sources believed to be reliable. Whenever possible, it has been recently verified by participants in the FAO Pulp and Paper Capacity Survey and reviewed in relation to the capacity data provided for 1984-89.

It covers pulp and paper expansions for the period 1984-94, which are actually under construction, are firmly committed, require finance, require approval by the company or government and also those which are tentative. Many mill and machine closures are recorded.

In view of uncertainties regarding the future, the details listed, both as regards volume and timing, are subject to change and entire projects may be abandoned.

The listing is not a comprehensive record of planned expansions in the world pulp, paper and board industry.

LIST OF COUNTRIES

<u>AFRICA</u>	<u>NORTH AND CENTRAL AMERICA</u>	<u>ASIA</u>	<u>EUROPE</u>	<u>OCEANIA</u>
Algeria	Canada	Afghanistan	Austria	Australia
Cameroon	Costa Rica	Bangladesh	Belgium	New Zealand
Congo	Cuba	Burma	Bulgaria	
Egypt	Dominican Republic	China	Czechoslovakia	<u>U.S.S.R.</u>
Ethiopia	Guatemala	India	Finland	
Gabon	Honduras	Indonesia	France	
Ghana	Mexico	Iran	Germany, Dem. Rep.	
Ivory Coast	Nicaragua	Israel	Germany, Fed. Rep.	
Kenya	Panama	Japan	Greece	
Malawi	U.S.A.	Jordan	Hungary	
Morocco		Korea, Rep. of	Ireland	
Mozambique	<u>SOUTH AMERICA</u>	Lebanon	Italy	
Nigeria	Argentina	Malaysia	Netherlands	
South Africa	Brazil	Nepal	Norway	
Sudan	Chile	Pakistan	Poland	
Tanzania	Colombia	Philippines	Portugal	
Uganda	Ecuador	Saudi Arabia	Romania	
Zambia	Paraguay	Sri Lanka	Spain	
	Peru	Syria	Sweden	
	Venezuela	Thailand	Switzerland	
			United Kingdom	
			Yugoslavia	

AFRICA

ALGERIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Soc. Nat. Algerienne des Industries de la Cellulose (SONIC)	Algiers/Oran	New, non- integrated	Household and sanitary paper	15		1985	Imported pulp and waste paper	
			Packaging paperboard	30		1985		
SONIC	El Kala	New, non integrated	Wrapping and packaging paper and paperboard	120		1984		Contract awarded
SONIC	Souk Ahras	Existing, non- integrated	Wood- containing printing and writing paper	15		1985		
			Newsprint	35		1985		
			Paperboard	30		1985		

AFRICA

CAMEROON

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m. tons/year	PAPER 1,000m. tons/year			
Cellulose du Cameroon S.A., (CELLUCAM)	Edea near Douala	Existing	Paper and paperboard		40-50	1984	Mixed tropical hardwood pulp	For domestic consumption. No final decision

AFRICA

CONGO

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m. tons/year	PAPER			
Societe d'Etudes de la Cellulose du Congo (SECC)	Pointe Noire	New	Bleached sulphate pulp	250		1987	Eucalyptus from plantations	Feasibility study completed

AFRICA

EGYPT

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
?	Sadat City	New	Speciality paper and paperboard (cigarette paper)		10	1987	Other fibre pulp	
?	Upper Egypt	New	Newsprint		100	1990	Bagasse pulp	
Egyptian Sugar and Distilleries Co. Ltd.	Kous, Upper Egypt	New	Other fibre pulp	50		1987	Bagasse	The old Edfu project replaced by this project
			Wood-free printing and writing paper		60	1987		
General Company for Paper Industry "Rakta"	El Tabia, Alexandria	Existing, integrated	Printing and writing paper		20	1984	Rice straw, bagasse, waste paper and imported pulp	In operation
			Folding boxboard		10	1985		
National Paper Company	El Tabia, Alexandria	Existing	Packaging paperboard		10	1986	Waste paper and imported pulp	Expansion and modernization
			Printing and writing paper		20	1986		
Pyramids Paper Mills Co.	10 Ramadan City	New	Household and sanitary paper		10	1986	Waste paper and imported pulp	

AFRICA

ETHIOPIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m.tons/year	PAPER			
Ethiopian Pulp and Paper Mill	Wonji	Existing, integrated	Other fibre pulp	30		?	Bagasse	Feasibility study under way for European Investment Bank
			Wrapping and packaging paper and paperboard		25	?		

GABON

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Societe Gabonaise de Cellulose (SOGACEL)	Kango	New	Bleached sulphate pulp	315		?	Mixed tropical hardwoods	Study stage only. No final decision.

AFRICA

GHANA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
?	Daboasi	New, integrated	Mechanical pulp	60		after 1985	Mixed tropical hardwoods (plantations later)	CTMP. Project promoted by National Investment Bank (NIB)
			Printing and writing paper		50	after 1985		
Ghana's Super Paper Products Co.	Tema	New	Household and sanitary paper		2	?		Domestic consumption

AFRICA

IVORY COAST

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m.tons/year	PAPER			
Government	San Pedro	New	Bleached sulphate pulp	150		Indefinite	Mixed tropical hardwoods (plantations eucalyptus later)	All market pulp. Promoted by Ministry of Planning. Prefeasibility study completed 1976. Uncertain.

AFRICA

KENYA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m.tons/year	PAPER			
Chandaria Industries	Ruaraka	Existing	Household and sanitary paper	3		1985		
				3		1986		
Madhupaper International	Chania River, Thika Province	New, integrated	Chemical pulp	?		?		
			Printing and writing paper		15	?		
Panafriean Paper Mills	Webuye	Existing	Mechanical pulp	15		1984	Pine and eucalyptus	Domestic consumption
			Paper and paperboard		6			

AFRICA

MALAWI

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Vipha Pulp and Paper Corp. Ltd. (VIPCOR)	Chintech	New	Paper	12	2		Softwood	Feasibility study stage Domestic consumption

AFRICA

MOROCCO

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Cellulose du Maroc	Sidi Yahia du Ghardb	Existing	Pulp	20		1985	Hardwood	Study stage
Moroccan Paper and Board Company (CMPC)	Kenitra	Existing	Paper		5	1985		Machine rebuild
Office of Industrial Development (ODI)	Saff-Saff (Riff)	New, semi-integrated	Other fibre pulp	60		1984	Esparto	Government interested in possible
			Printing and writing paper		100	?		foreign joint venture. Chleg Frote of France carrying out feasibility study, incl. paper mill. All market pulp
Papelera de Tetouan	Tetouan	Existing	Paper		12	1985		
SAFRIPAC	Tangiers	Existing	Wrapping paper		2	?		
SIFAP	Meknes	Existing	Wrapping paper		8	?		

AFRICA

MOZAMBIQUE

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m. tons/year	PAPER tons/year			
?	Sofala Area	New	Other fibre pulp	60		1986	Bagasse	
Ifloma Industrias Florestais de Manica S. E.	Near Chimoio	New, integrated	Mechanical pulp	30		1986	Softwood (pine plantations)	Feasibility study in progress (2nd phase)
			Printing and writing paper		35	1986		

AFRICA

NIGERIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Nigeria National Paper Manufacturing Co.	Iwopin, W. State	New, integrated	Eleached sulphate pulp	100		1985	Pine, mixed tropical hardwoods	Delayed. Financial assistance required.
			Wood-free printing and writing paper		60	1985		
Nigerian Newsprint Manufacturing Co. (NNMC)	Oku Iboku, Cross River State	New, integrated	Chemi- thermomechanica l pulp	80		1984	80% Gmelina 20% imported long fibre	Funding for start-up expected from Government.
			Newsprint		100	1984		
Nigerian Paper Mills Ltd.	Jebba, Kwara State	Existing	Unbleached sulphate pulp	30		1984	Mixed tropical hardwoods and some imported softwood pulp	For domestic consumption. Funding for start-up expected from Government.
			Kraft liner		30	1984		
			Sack kraft		30	1984		

AFRICA

SOUTH AFRICA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Mondi Paper Co.	Richards Bay	New	Bleached and unbleached sulphate pulp	400		1984/88		In operation
			Linerboard		200	1985		
Nampak Paper	Belville	Existing	Household and sanitary paper		20	1985		
SAPPI Limited	Ngodwana	Integrated	Bleached sulphate pulp	200		1984/86		In three phases
			Kraft liner		150	1985		
South African Industrial Cellulose Corporation (SAICCO)	Umkomaas	Existing	Dissolving pulp	80		1985	Eucalyptus	

SUDAN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Apex Pulp and Paper	Khartoum	New, non-integrated	Wrapping and packaging paper and paperboard	9		1984		
Blue Nile Packing Corporation	?	Existing	Paperboard	5		?	Waste paper	Financing sought
Government	?	New, integrated	Bleached sulphate pulp	?		?		
			Printing and writing paper		35	?		

FAO - INFORMATION ON PROJECTED PULP AND PAPER MILLS

AFRICA

TANZANIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Kibo Match Corp.	Moshi	Integrated	Pulp	?		1984		In operation
			Paperboard		?			
Southern Paper Mills	Mufindi, Sao Hill District	New, integrated	Mechanical pulp	10		1984	Coniferous and hardwood plantations	Under construction
			Bleached sulphate pulp	50		1984		
			Printing and writing paper		30	1984		
			Wrapping and packaging paper and paperboard		30	1984		

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
?	Jinja Town	New	Pulp	?		?		Under consideration

AFRICA

ZAMBIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
INDECO	Ndola, Kitwe	New, integrated	Unbleached sulphate pulp	30		1986	Coniferous and hardwood plantations	Uncertain
			Printing and writing paper		30	1986		

AMERICA (NORTH and CENTRAL)

CANADA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Abitibi-Price	Thunder Bay, Ont.	Existing	Printing and writing paper coated	40		1985		Addition of off-machine coater
Canfor Corp (Howe Sound Pulp Div.)	Port Mellon, B.C.	Existing	Pulp	18		1986		Reactivation of project stopped in 1982
Consolidated Bathurst Inc.	Pt. Alfred, Que.	Existing	Mechanical pulp	67		1984		TMP
Dontar Inc.	Donnacona, Que.	Existing	Mechanical pulp	40		1984	Spruce, balsam chips	In operation
Dontar Inc.	Trenton, Ont.	Existing	Corrugating medium		30	1986		
Dontar Inc.	Windsor, Que.	Existing	Sulphate pulp	150		1986		Replacement of pulping unit
			Wood-free printing and writing paper		175 -97	1987 1987		Replacement of paper machine
			Wood-free printing and writing paper		175	1988/89		New machine
Donohue	Clermont, Que.	Existing	Mechanical pulp	250		1985	Spruce, balsam, fir	TMP
F.P. Soucy	Riviere-du-Loup, Que.	Existing	Mechanical pulp	55		1984		TMP
Great Lakes Forest Products Ltd.	Dryden, Ont.	Existing	Wood-free printing and writing paper		62	1984		New machine replacing 3 old ones with capacity increase
J. MacLaren Inc.	Masson, Que.	Existing	Newsprint		20	1985		New machine replacing two older ones
James River Corp.	Marathon, Ont.	Existing	Bleached sulphate pulp	17		1989	Hardwood, softwood	

AMERICA (NORTH and CENTRAL)

CANADA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP	PAPER			
				1,000 m. tons/year				
Kruger Inc.	Trois Riviere, Quebec	Existing	Printing and writing paper, coated	70		1985		Addition of off-machine coater
MacMillan Bloedel Ltd.	Powell River, B.C.	Existing	Chemithermomechanical pulp	70		1986		
			Newsprint	-50		1984		Machine closure
			Printing and writing paper	78		1985		
Ontario Paper	Baie Cameau, Que.	Existing	Pulp	85		1984		
Repap Enterprises	Newcastle, N.B.	Existing	Wood-free printing and writing paper, coated	200		1986		Uncertain
Bexfor (Quebec Government)	Matane, Que.	New	Thermomechanical pulp	150		?		Extremely doubtful
			Newsprint	160		1985		
Scott Paper Ltd.	New Westminster, British Columbia	Existing	Household and sanitary paper	35		1984		Expansion
Tembec Inc.	Teniscaming, Que.	Existing	Chemithermomechanical pulp	100				New machine
Western Pulp Inc.	Port Alice, B.C.	Existing	Pulp	12		1986		
Western Pulp Inc.	Squamish, B.C.	Existing	Bleached sulphate pulp	65		1986		

AMERICA (NORTH and CENTRAL)

COSTA RICA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
General Direction of Forestry	Atlantic Zone	New, integrated	Semi-chemical pulp	40		?		Preliminary study in progress. Project in coordination with FAO.
			Kraft liner		6			
			Fluting medium		40			
Scott Paper	Turrialba	New	Chemical pulp	35		1985	Pine and gmelina	
			Household and sanitary paper		35	1985		
Sr. Nowolski	Meseta Central	New	Kraft wrapping and packaging paper		7	?	Imported pulp	

FAO - INFORMATION ON PROJECTED PULP AND PAPER MILLS

AMERICA (NORTH and CENTRAL)

CUBA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m. tons/year	PAPER			
Combinado Papeles Blancos	Blancos Jatibonico, Sancti Spiritu	New, integrated	Other fibre pulp	60		1984	Bagasse, imported pulp	In operation
			Printing and writing paper		60	1984		
Empresa Papelera Danuji	Abreus, Cienfuegos	Existing	Other fibre pulp	9		1986	Bagasse	Expansion
			Fluting medium		10	1986		
Fabrica de Carton y Cartulina	Santa Cruz del Norte, La Habana	New	Folding boxboard		50	1987		

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m. tons/year	PAPER tons/year			
Industria Nacional de Papel	Santo Domingo	New	Folding boxboard	15		?		Machine ordered

AMERICA (NORTH and CENTRAL)

GUATEMALA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m. tons/year	PAPER			
Celulosa de Guatemala (CELGUSA)	El Rancho, Dept. El Progreso	New	Bleached sulphate pulp	100		1985	Pine	For domestic market and export. Under construction.
Papelera Internacional	Near El Rancho, Dept. El Progreso	New	Household and sanitary paper		5	end 1985		Second-hand machine. For domestic market. Under construction.

AMERICA (NORTH and CENTRAL)

HONDURAS

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Corporacion Forestal Industrial de Olancha (CORFINO)	Bonito Oriental	New	Chemical pulp Mixed grades, incl. wood-free printing and writing paper and kraft liner	180	200	?	Pine, hardwood	Financing from IADB and COFINA of Venezuela. Project delayed indefinitely

AMERICA (NORTH and CENTRAL)

MEXICO

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Adolfo Anaya	Tlaxcala		Speciality paper and paperboard	5	?			
Cartonera Guadalupe	?	Existing	Wrapping and packaging paper and paperboard	12	?			
Celulosa y Corrugados de Sonora	?	New	Wrapping and packaging paper and paperboard	56	1985			
Celulosicos Centauro	Durango	New	Unbleached sulphate pulp	45	1985			
			Kraft liner	220	1985			
Cia. Industrial de Atenguigue S.A.	Tulancingo, Hidalgo	New	Unbleached sulphate pulp	15	1986			
			Bleached sulphate pulp	25	1986			
			Paper	15	?			
Cia. Industrial de San Cristobal (Scott Paper Co.)	Ecatepec	Existing	Household and sanitary paper	45	1984			In operation
Cia. Papelera Maldonado	Monterrey	Existing	Wood-free printing and writing paper	10	1986			
Empaques Modernos de Gualajara	Gualajara	Existing	Folding boxboard	80	1985			
Fabricas de Papel Tuxtepec	?	New	Thermomechanical pulp	100	1984			
			Newsprint	100	?			
Industrial Papelera Mexicana	Uruapan	Existing	Wood-free printing and writing paper	40	late 1986			

AMERICA (NORTH and CENTRAL)

MEXICO

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Iradia Group	Leon	Existing	wrapping and packaging paper and paperboard	15	?			
Kimberly Clark de Mexico	San Juan del Rio	New	Household and sanitary paper	45	1984			In operation
Papeles Ponierosa	San Juan del Rio, Queretaro State	Existing	Folding boxboard	13	1984/85			Financing from International Finance Corporation
San Rafael y Anexas	Michoacan		Printing and writing paper	50	?			

FAO - INFORMATION ON PROJECTED PULP AND PAPER MILLS

AMERICA (NORTH and CENTRAL)

NICARAGUA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Celulosica Subtiava	Leon	New	Printing and writing paper		5	1984	Imported pulp waste paper	Postponed indefinitely
			Wrapping and packaging paper and paperboard		22	1984		
			Household and sanitary paper		5	1984		

AMERICA (NORTH and CENTRAL)

PANAMA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m.	PAPER tons/year			
?	Almirante, Prov. Bocas del Toro	New	Unbleached sulphate pulp	?		?	Mixed tropical hardwoods	Feasibility study interrupted due to lack of financing.
			Wrapping and packaging paper and paperboard		?	?	Some imported long fibre pulp	
Molino Panameno de Papel S.A.	La Loceria	Existing	Household and sanitary paper		2	1985		In operation.

AMERICA (NORTH and CENTRAL)

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Appleton Papers Inc.	Combined Locks, WI	Existing	Printing and writing paper		29	late 1985		Paper machines expansion and modernization
Augusta Newsprint Co.	Augusta, GA	Existing	Newsprint		-	1984		Quality improvement
Big M Paperboard Inc. (was Palmyra Paperboard Co.)	Palmyra, MI	Existing	Paperboard		18	early 1985		Restart of previously idled mill under new ownership
Blandin Paper Co.	Grand Rapids, MN	Existing	Thermomechanical pulp	90		?		Postponed indefinitely
			Printing and writing paper, coated		160	?		
Boise Cascade Corp.	International Falls, MN	Existing	Printing and writing paper		16	1984/85		Study of possible new machine postponed indefinitely.
Boise Cascade Corp.	South Carolina	New	Bleached sulphate pulp	260		late 1980's		Feasibility study for new mill in 1982. No recent announcements
			Newsprint or printing and writing paper		?	late 1980's		
Boise Cascade Corp.	Vancouver, WA	Existing	Wood-free printing and writing paper, uncoated		12	1985		Paper machine rebuild
Boise Cascade Corp.	Walla Walla, WA	Existing	?		?	?		Paper machine rebuild. No further details

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Bowater Inc.,	Catawba, SC	Existing	Mechanical pulp	?		late 1986	Softwood	
			Printing and writing paper, coated		180	late 1986		Expansion
Calhoun, TN		Existing	Thermomechanical pulp	?		1986		Expansion
			Newsprint		?	1984/85		Paper machines rebuild
Carolina Forest Industries	Bennetsville, SC	New	Mechanical pulp	?		?		In two phases. No recent announcements
			Newsprint		180	?		
Champion International Corp.	Halifax, NC	New	Bleached pulp	318?		late 1980's		Expansion plans under review.
			Paper		159	late 1980's		
Champion International Corp.	Jasper, TX	New	Unbleached sulphate pulp	320/450		late 1980's		Tentative plans. Expansion plans under review.
			Kraft liner, unbleached		320/450	late 1980's		
Champion International Corp.	Quinnesec, MI	New	Bleached sulphate pulp	250		early 1986	Hardwood	
			Wood-free printing and writing paper, uncoated		180	late 1987		
Champion International Corp.	Roanoke Rapids, NC	Existing	Kraft liner, unbleached		60	?		Expansion under study in 1983
Champion International Corp. (acquired from St. Regis Corp.)	Bucksport, ME	Existing	Mechanical pulp	?		1985		Improvement. Expansion plans under review after merger of two companies
			Wood-free printing and writing paper, coated		2	1984		

AMERICA (NORTH and CENTRAL)

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Champion International Corp. (acquired from St. Regis Corp.)	Location not specified	Existing	Mechanical pulp	?	?	?		Status unclear
			Printing and writing paper, coated		?	?		
Champion International Corp. (acquired from St. Regis Corp.)	Pensacola, FL	Existing	Kraft wrapping and packaging paper		?	1986		Paper machine rebuild. Expansion plans under review
Champion International Corp. (acquired from St. Regis Paper Corp.)	Lufkin, TX	Existing	Bleached sulphate pulp	10		1984/85		Renewed plans for previously postponed project. Expansion plans under review
Champion International Corp. (acquired from St. Regis Paper Corp.)	Sartell, MN	Existing	Wood-containing printing and writing paper, coated		?	1984		
Chase Bag Co.	Chagrin Falls, OH	Existing	Kraft wrapping and packaging paper		10	early 1984		Modernization
Chesapeake Corp. of Virginia	West Point, VA	Existing	Bleached sulphate pulp	32		mid-1984	Hardwood	Improvement
			Kraft liner		285	late 1985		New paper machine to replace one to be rebuilt.
			Corrugating medium		140	late 1986	Waste paper	
Consolidated Papers Inc. (Biron Div.)	Wisconsin Rapids, WI	Existing	Wood-containing printing and writing paper, coated		163	early 1987		New paper machine

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Consolidated Papers Inc. (Kraft Div.)	Wisconsin Rapids, WI	Existing	Bleached sulphate pulp	27		1985		Paper machine rebuilt
Consolidated Papers Inc. (Stevens Point Div.)	Stevens Point, WI	Existing	Speciality paper and paperboard, coated		?	1984	Hardwood	Paper machine rebuild
Consolidated Papers Inc. (Wisconsin Rapids Div.)	Wisconsin Rapids, WI	Existing	Wood-free printing and writing paper, coated		23	1985		Paper machine rebuild
Consolidated Papers Inc. (Wisconsin River Division)	Stevens Point, WI	Existing	Wood- containing printing and writing paper, coated		?	1985		Machine rebuild and modernization
Container Corp. of America	Fernandina Beach, FL	Existing	Kraft liner, unbleached		?	late 1985		Paper machines rebuild
Crown Zellerbach Corp.	Antioch, CA	Existing	Paperboard		40	1984/85	Waste paper	Modernization
Crown Zellerbach Corp.	Camas, WA	Existing	Bleached sulphate pulp	?		mid-1984		New paper machine to replace three small ones and pulp improvements. In operation.
			Wood-free printing and writing paper		145	mid-1984		
Crown Zellerbach Corp.	Carthage, NY	Existing	Household and sanitary paper		?	1984		New paper machine
Crown Zellerbach Corp.	South Glens Falls, NY	Existing	Household and sanitary paper		40	1986	Waste paper	Expansion and modernization programme
Crown Zellerbach Corp.	Southern U. S.	Existing	Household and sanitary paper		?	1988	Virgin fibre	Modernization programme

AMERICA (NORTH and CENTRAL)

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Crown Zellerbach Corp.	St. Francisville, LA	Existing	Mechanical pulp	?		1984		Modernization and improvements
			Wood-containing printing and writing paper, coated		49	1984		
Crown Zellerbach Corp.	Various locations	Existing	Household and sanitary paper		140	1984/88		
Crown Zellerbach Corp.	Western U.S.	Existing	Household and sanitary paper	?		late 1984	Virgin fibre	Modernization programme
Dunn Paper Co.	Port Huron, MI	Existing	Speciality paper and paperboard		18	late 1985		Paper machine rebuild
Dunn Paper Co.	Higgins, MS	Existing	Printing and writing paper		7	1983/84		Paper machine rebuild
Federal Paperboard Co.	Augusta, GA	Existing	Thermomechanical pulp	39		1985/86		Paper machine rebuild
			Paperboard		60	1985/86		
Fletcher Paper Co.	Alpena, MI	Existing	Speciality paper and paperboard		4	1984		Modernization programme including paper machine rebuild
Fort Howard Paper Co.	Georgia or South Carolina	New	Household and sanitary paper		315	?	Waste paper	Under consideration. Decision expected by mid-1985
Fort Howard Paper Co.	Green Bay, WI	Existing	Household and sanitary paper		80	mid-1984		New paper machine replacing two old ones. In operation
Fort Howard Paper Co.	Muskogee, OK	Existing	Household and sanitary paper		?	late 1985	Waste paper	Improvements
Fort Howard Paper Co.	Southeastern U.S.	New	Household and sanitary paper		?	?		Announcement expected in 1985

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Fox River Paper Co.	Appleton, WI	Existing	Printing and writing paper		2	1984		Machine rebuild
Georgia Pacific Corp.	Crossett, AR and Palatka, FL	Existing	Bleached sulphate pulp	-32		late 1985		Programme to restructure both mills
			Wood-free printing and writing paper, uncoated		?	late 1985		
			Household and sanitary paper		32	late 1985		
			Kraft liner		?	early 1985		
Georgia Pacific Corp.	Port Hudson, LA	Existing	Bleached sulphate pulp	-145		1986		New paper machine
			Printing and writing paper		210	1986		
Georgia Pacific Corp.	Woodland, ME	Existing	Wood-free printing and writing paper, uncoated		?	early 1985		Paper machine rebuild. No announcement on feasibility study of new machine
Georgia Pacific Corp. (acquired from St. Regis Corp.)	Monticello, MS	Existing	Kraft liner, unbleached		215	late 1985		Conversion project
			Kraft wrapping and packaging paper, unbleached		-145	late 1986		
Glatfelter Co. P. H.	Spring Grove, PA	Existing	Wood-free printing and writing paper, uncoated		?	early 1984		Paper machine rebuild

AMERICA (NORTH and CENTRAL)

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Great Lakes Forest Products Ltd.	Northeast Washington State	New	Thermomechanical pulp	?		early 1987		Joint venture with 5 U.S. newspaper publishers. Financing incomplete. Plans to build mill in Arizona abandoned.
			Newsprint		154	early 1987		
Great Northern Nekoosa Corp.	E. Millinocket, ME	Existing	Newsprint		31	early 1984		Paper machine rebuild
Green Bay Packaging Inc.	Green Bay, WI	Existing	Paperboard		?	1986/88		Possible machine improvements
Gulf States Paper Corp.	Demopolis, AL	Existing	Bleached sulphate pulp	30		1984/86		Three-year improvement project
Hammermill Paper	Selma, AL	Existing	Bleached sulphate pulp	40		1987		Pulp mill expansion and new paper machine
			Wood-free printing and writing paper		168	1987		
Hoague-Sprague Corp.	W. Hopkinton, NH	Existing	Paperboard		32	1985	Waste paper	New paper machine
Independent Kraft Corp.	Tuscaloosa, AL	New	Unbleached sulphate pulp	240		1986/87		Project delayed twice. Financing incomplete
			Kraft liner, unbleached		250	1986/87		
International Paper Co.	Georgetown, SC	Existing	Bleached sulphate pulp	290		late 1984		For market. Modernization programme. In operation
International Paper Co.	Locations uncertain	Existing	Printing and writing paper		315/36 0	?		Under study

AMERICA (NORTH and CENTRAL)

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
International Paper Co.	Mobile, AL	Existing	Wood-free printing and writing paper, uncoated			1986		Modernization. Production of newsprint and kraft paper will be discontinued and capacity of white papers increased.
			Newsprint		-109	1985		
			Kraft wrapping and packaging paper, unbleached		-180	1985		
International Paper Co.	Natchez, MS	Existing	Pulp	?		?	Hardwood	Engineering study under way to determine feasibility of upgrading and expanding pulp mill. No recent announcement
International Paper Co.	Pine Bluff, AR	Existing	Newsprint		-166	1984		Newsprint production discontinued. Conversion to other paper production.
			Wood-containing printing and writing paper, coated		180	mid-1986		
			Folding boxboard		27	1986		
Interstate Paper Corp.	Riceboro, GA	Existing	Kraft liner, unbleached		48	late 1986		Modernization
James River Corp.	Berlin/Gorham, NH	Existing	Bleached sulphate pulp	50		?	Softwood	Modernization programme delayed
			Mixed grades incl. printing and writing paper and speciality paper and paperboard		25	1982/86		Rebuild of 4 paper machines started in 1982. Project on schedule

AMERICA (NORTH and CENTRAL)

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
James River Corp.	Naheola, AL	Existing	Bleached sulphate pulp	50		1986		New paper machine
			Household and sanitary paper		64	1986		
Jefferson Smurfit Corp.	Middletown, OH	Existing	Paperboard		32	early 1987		
Kimberley-Clark Corp.	Coosa Pines, AL	Existing	Bleached sulphate pulp		40/60	1984		Expansion and modernization
Laurel Hill Paper Co.	Cordova, NC	Existing	Household and sanitary paper		16	early 1985	Waste paper	
Leaf River Forest Products Inc. (Great Northern Nekoosa/Kymmene)	New Augusta, MS	New	Bleached sulphate pulp	335		late 1984	Softwood/hardwood	For market. In operation
Little Rapids	Potsdam, NY	Existing	Household and sanitary paper		16	1986		
Madison Paper	Madison, ME	Existing	Wood-containing printing and writing paper, uncoated		36	mid-1984		Restart of machine idled in 1982
Manville Forest Products Corp.	West Monroe, LA	Existing	Corrugating medium		95	mid-1984		Restart of machines idle since 1982
			Kraft wrapping and packaging paper		64	1984		
Mead Corp. (Chillicothe Mill)	Chillicothe, OH	Existing	Bleached sulphate pulp	58		late 1985		
Mead Corp. (Chilpaco Mill)	Chillicothe, OH	Existing	Wood-free printing and writing paper, uncoated		?	late 1985		Modernization

AMERICA (NORTH and CENTRAL)

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP	PAPER			
				1,000 m. tons/year				
Mead Corp. (Packaging Div.)	-	Existing	Kraft wrapping and packaging paper, coated	-	-	1984		
Mead Corp. (Publishing Paper Division)	Escanaba, MI	Existing	Bleached sulphate pulp	20	-	?		
Menasha Corp.	Otsego, MI	Existing	Corrugating medium	15	-	1986		Expansion
Midtec Paper Corp.	Kimberly, WI	Existing	Printing and writing paper, coated	36	-	mid-1984		Rebuild of 2 paper machines
National Gypsum Corp. (Gold Bond Div.)	Stackton, CA	Existing	Speciality paper and paperboard (wallpaper base)	9	-	mid-1985		Paper machine improvement
Newton Falls Paper Mill Inc.	Newton Falls, NY	Existing	Wood-free printing and writing paper, coated	?	-	late 1984		
			Wood-free printing and writing paper, uncoated	?	-	late 1984		
Niagara of Wisconsin Paper Co. (subsidiary of Pentair Inc.)	Niagara, WI	Existing	Wood- containing printing and writing paper, coated	22	-	1985/86		Paper machine rebuild.
Nitec Paper Corp.	Niagara Falls, NY	Existing	Household and sanitary paper	73	-	early 1985		Restart of idle mill
Owens-Illinois Inc.	Big Island, VA	Existing	Paperboard	22	-	1985		Paper machine rebuild
Owens-Illinois Inc.	Tomahawk, WI	Existing	Semi-chemical pulp	?	-	1986		Expansion under consideration
			Corrugating medium	220	-	1986		

AMERICA (NORTH and CENTRAL)

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Packaging Corp. of America	Counce, TN	Existing	Kraft liner		39	1985/86		
Ponderosa Paper Products Inc.	Flagstaff, AZ	Existing	Household and sanitary paper		26	mid-1984		Restart of idle mill
Pope & Talbot Inc.	Eau Claire, WI	Existing	Household and sanitary paper		?	mid-1984		Improvement programme
Pope & Talbot Inc.	Halsey, OR	Existing	Bleached sulphate pulp	8/13		early 1985	Softwood	Expansion
Port Huron Paper Co. (subsidiary of Pentair Inc.)	Port Huron, MI	Existing	Wood-free printing and writing paper, uncoated		7	1985		Paper machine rebuild
Port Townsend Paper Corp.	Port Townsend, WA	Existing	Unbleached sulphate pulp	?		late 1985		
Potlatch Corp.	Cloquet, MN	Existing	Wood-free printing and writing paper, uncoated		?	?		Paper machine rebuild plus modernization or replacement of 3 other machines
Potlatch Corp.	Lewiston, ID	Existing	Bleached sulphate pulp	?		late 1988		Modernization programme
Potlatch Corp.	McGehee, AR	Existing	Bleached sulphate pulp	?		late 1980's		Second paper machine under consideration
			Paperboard, bleached		?	late 1980's		
Publishers Paper Co.	Newberg or Oregon City, OR	Existing	Newsprint		?	late 1984		
RPM Board and Carton Corp.	Rockford, MI	Existing	Paperboard		13/16	?		
Scott Paper Co.	Everett, WA	Existing	Household and sanitary paper		48	?		Restart of machine idle since 1982



AMERICA (NORTH and CENTRAL)

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Scott Paper Co.	Mobile, AL	Existing	Sulphate pulp	?		1985		Energy cost reduction project. No announcement on whether it would increase capacity
Sorg Paper Co. (subsidiary of Mosinee Paper Corp.)	Middletown, OH	Existing	Household and sanitary paper		?	1985/86		Paper machine rebuild
Southeast Paper Mfg.	Dublin, GA	Existing	Newsprint		145	late 1986/87		Company considering second paper machine
Southwest Forest Industries Inc.	Panama City, FL	Existing	Unbleached sulphate pulp	?		1985/88		Modernization
			Kraft liner, unbleached		?	1985/88		
St. Joe Paper Co.	Port St. Joe, FL	Existing	Unbleached sulphate pulp	?		1984		Expansion
			Kraft liner, unbleached		49	1984		
Stone Container Corp.	Hodge, LA	Existing	Kraft wrapping and packaging paper		26	mid-1984		Restart of machine idle since 1983
Tagsons Paper	Mechanicville, NY	Existing	Household and sanitary paper		?	?		New paper machine being considered
Temple-Inland Inc.	Evadale, TX	Existing	Bleached sulphate pulp	?		?		
			Paperboard		?	?		Paper machine rebuild or possible new machine
Temple-Inland Inc.	Ontario, CA	New	Linerboard		160	late 1985	Waste paper	

AMERICA (NORTH and CENTRAL)

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m.tons/year	PAPER			
Tomahawk Power and Pulp Co.	Tomahawk, WI	Existing	Mechanical pulp	?		?		
Union Camp Corp.	Eastover, SC	New	Bleached sulphate pulp	190		late 1984		In operation
			Wood-free printing and writing paper, uncoated		190	late 1984		
Union Camp Corp.	Savannah, GA	Existing	Kraft liner		?	?		Machine rebuild
Wausau Paper Mills Co.	Brokaw, MI	Existing	Printing and writing paper		5	?		
Westvaco Corp.	Charleston, SC	Existing	Unbleached sulphate pulp	?		1984		In operation
Westvaco Corp.	Covington, VA	Existing	Paperboard		225	1986		New paper machine replacing smaller one
Westvaco Corp.	Location not specified	Existing	Printing and writing paper, coated		?	1984/88		
Westvaco Corp.	Wickliffe, KY	Existing	Wood-free printing and writing paper, uncoated		32	mid-1984		Improvement
Weyerhaeuser Co.	Columbus, MS	Existing	Thermomechanical pulp	?		?		
			Wood-containing printing and writing paper, coated		160	?		
			Wood-free printing and writing paper, uncoated		160	1986/87		

U. S. A.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m ³ /year	PAPER tons/year			
Weyerhaeuser Co.	Longview, WA	Existing	Bleached sulphate pulp	?		1985		
			Printing and writing paper		23	1985		Paper machine rebuild Modernization programme
White Pigeon Paper Co.	White Pigeon, MI	Existing	Folding boxboard		?	1984		
Willamette Industries Inc.	Hawesville, KY	Existing	Wood-free printing and writing paper, uncoated		18	1984		Paper machine rebuild
Wisconsin Tissue Mills (Philip Morris Ind.)	Menasha, WI	Existing	Household and sanitary paper		60*?	early 1986		Feasibility study for new paper machine

AMERICA (SOUTH)

ARGENTINA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Celcar S.A.C.I.	Zarate, Prov. Buenos Aires	Existing	Semi-chemical pulp	42		?		Postponed
			Fluting medium		11	?		
Celulosa Puerto Piray S.A.	Puerto Piray, Prov. Misiones	New, integrated	Unbleached sulphate pulp	170		1988	Pine and mixed hardwoods	Under construction
			Wrapping and packaging paper and paperboard		136	1988		
Papel del Tucuman	San Miguel, Prov. Tucuman	New, integrated	Other fibre pulp	90		1984	Bagasse	In operation
			Newsprint		105	1984		
Papel Misionero S.A.I.P.C.	Puerto Mineral, Prov. Misiones	Existing	Unbleached sulphate pulp	18		1986	Pine	
			Wrapping and packaging paper and paperboard		18	1986		
Witcel S.A.	Zarate, Prov. Buenos Aires	Existing	Printing and writing paper		5	1984		

AMERICA (SOUTH)

BRAZIL

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m.tons/year	PAPER tons/year			
Aracruz Celulose S.A.	Aracruz, ES	Existing	Bleached sulphate pulp	50		1984		
Celulose Irani S.A.	Catanduvas, SC	Existing	Unbleached sulphate pulp	34		1986	Pine	For own consumption and domestic market.
			Packaging paperboard		32	1987		
Cenibra	Belo Oriente, MG	Existing	Bleached sulphate pulp	30/50		1986	Eucalyptus	
Champion Papel e Celulose S.A.	Hogi Guacu, SP	Existing	Wood-free printing and writing paper, uncoated		75	1985	Eucalyptus	
Cia. Guatapara' de Celulose e Papel	Luiz Antonio, SP	New	Bleached sulphate pulp	170		1987	Eucalyptus	For domestic market.
			Printing and writing paper		71	1985		
Cia. Industrias Brasileiras Portela	Jaboatao, PE	Existing	Unbleached sulphate pulp	13		1984	Bagasse	
			Printing and writing paper		10	1985		
			Sack kraft		13	1984		
Cia. Senges de Papel e Celulose	Jaguariaiva, PR	Existing	Mechanical pulp	3		1985		For own consumption
			Unbleached sulphate pulp	17		1986	Pine	
			Packaging paperboard		16	1986		
Cia. Suzano de Papel e Celulose	Suzano, SP	Existing	Wood-free printing and writing paper		89	1985		

AMERICA (SOUTH)

BRAZIL

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Cocelpa Cia., de Celulose e Papel	Araucaria, PR	Existing	Unbleached sulphate pulp	55 55		1985 1986	Pine	For own consumption
			Packaging paperboard		65	1985		
CPS - Cia. Papeleira do Sul	?	New	Printing and writing paper		42	1985		
Fca. Papel Santa Therezinha S.A.	Sao Paulo, SP	Existing	Speciality paper and paperboard		32	1985		
			Household and sanitary paper		5	1984		
Iguacu Celulose, Papel S.A.	S. Jose dos Pinais, PE	Existing	Unbleached sulphate pulp	17		1985		
Ind. Minerva S.A.	Recife, PE	Existing	Unbleached sulphate pulp	21		1985	Bagasse	
Ind. Papel e Papelaio Santa Luzia S.A.	Santa Luzia, MG	New	Linerboard		26	1984		
Inds. Klabin do Parana de Celulose S.A.	Monte Alegre, PE	Existing	Mechanical pulp	44		1985		
			Bleached sulphate pulp	34		1987		
			Newsprint		78	1988		
Itapage S.A., Celulose e Papel	Coelho Neto, MA	Existing	Unbleached sulphate pulp	27		1984		
			Sack kraft		26	1985		
Madeiraireira Miguel Porte S.A.	Uniao da Vitoria, PE	Existing	Packaging paperboard		24	1985		
Morro Verde S.A.	Guarapuava, PE	New	Bleached sulphate pulp	113		1986		

AMERICA (SOUTH)

BRAZIL

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Papel de Imprensa S.A. PISA	Jaguariaiva, PR	New, integrated	Thermomechanical pulp	100		1985	Pine, eucalyptus	Sponsored by Paranaprint and BNDESPA. For domestic market and own consumption.
			Newsprint		116	1985		
Papel e Celulose Catarinense S.A.	Lages, SC	Existing	Kraft wrapping and packaging paper		16	1985		
					16	1987		
Paraibuna Celulose do Nordeste S.A.	Juiz de Fora, MG	New	Wrapping and packaging paper and paperboard		26	1987		
Rigesa, Celulose, Papel e Embalagens Ltda.	Tres Barras, SC	Existing	Unbleached sulphate pulp	34 55		1987 1988	Pine	For own consumption. Under study.
			Sack kraft		49	1988		
			Fluting medium		53	1987		
Tibrapel, Industria Come. de Papel Ltda.	Lemcois Paulista, SP	Existing	Packaging paperboard		10	1985		

AMERICA (SOUTH)

CHILE

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER m. tons/year			
Celulosa Arauco Constitucion S.A.	Arauco	Existing	Bleached sulphate pulp	30		1987	Softwood	Expansion
Celulosa Arauco Constitucion S.A.	Constitucion	Existing	Unbleached sulphate pulp	35		1988	Softwood	Expansion
C. M. P. C.	Laja	Existing	Bleached sulphate pulp	30		1986	Softwood	
			Printing and writing paper		6	1986	Bleached pulp	Paper machine modification Engineering completed
Industrias Forestales (INFORSA)	Nacimiento	Existing, integrated	Semi-chemical pulp	35		1986	Hardwood	Rebuild
Papeles Sud America S.A.	Nacimiento	New, integrated	Sulphate pulp	140		1986	Softwood	
			Wrapping and packaging paper and paperboard		140	1986		

COLOMBIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Cartones Industriales	Cali	Existing	Wrapping and packaging paper and paperboard		20	1985/87		
Papelera Colombiana S.A. (Papelcol)	Caloto, Dept. Valle del Cauca	New	Other fibre pulp	120		1984		
			Printing and writing paper		90	1985		
Papeles Scott de Colombia	Bogota	Existing	Mechanical pulp	9		1984	Wood	
			Household and sanitary paper		12	1984		

AMERICA (SOUTH)

ECUADOR

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Adamas Andina	Azuay-Cuenca	New	Speciality paper and paperboard	5	?			Construction in progress
Papelera Nacional	Guayas-Yaguachi	Existing	Wrapping and packaging paper and paperboard	25	1984	Bagasse		

PARAGUAY

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP	PAPER			
				1,000 m. tons/year				
Cartones Yaguarete S.A.	Villeta	New, integrated	Wrapping and packaging paper and paperboard		12	1984	Waste paper	Under construction.
Elforpar	South-east Paraguay	New	Mechanical pulp ?			late 1984	Mixed tropical hardwoods	
			Newprint		75	late 1986		

FAO - INFORMATION ON PROJECTED PULP AND PAPER MILLS

AMERICA (SOUTH)

PERU

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
?	Chiclayo	New	Other fibre pulp	100		?	Bagasse	Uncertain.
			Printing and writing paper		35	?		
Fabrica de Papeles Unicef SA	Unknown	Existing	Household and sanitary paper		?	?		Postponed
INDUPERU	Pucallpa, Amazon Region	Existing	Thermomechanical pulp	20		?	Hardwood	Postponed
INDUPERU/COPI DE	Loreto Iquitos	New	Chemical pulp	230		?		Technical and financial aid sought.

ASIA

AFGHANISTAN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
?	Nangarhar	New	Packaging paperboard		30	1985/86	Bagasse	
?	Parwan	New	Wood-free printing and writing paper		5	?	Cotton and textile fibres	

BANGLADESH

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m.	PAPER tons/year			
Hussain Pulp and Paper Mills	Dhaka	New	Speciality paper and paperboard (cigarette paper)	2		1985		
Karnaphuli Paper Mills (KPM)	Chandragona, Chittagong	Existing	Printing and writing paper	15		1992		Planning stage
Bahin Pulp and Paper Mills	Rubganj, Dhaka	Existing	Printing and writing paper	15		1992		Planning stage
Security Paper Mill	Dhaka	New	Speciality paper and paperboard (security paper)	2		1987	Hemp and cotton waste	Planning stage
Sonali Board Mill	Dhaka	Existing	Folding boxboard	15		1985	Waste paper, jute and imported pulp	In operation
Sylhet Pulp and Paper Mills	Chhatak, Sylhet	Existing	Printing and writing paper	15		1990		Planning stage

FAO - INFORMATION ON PROJECTED PULP AND PAPER MILLS

ASIA

BURMA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m.	PAPER tons/year			
?	Akyab (Sittwe)	New, integrated	Printing and writing paper		30	?	Bamboo and local hardwoods	Feasibility study under way
Paper and Chemical Industries Corp.	near Rangoon	Integrated	Household and sanitary paper		24	1987	Bamboo and waste paper	
Paper and Chemicals Industries Corp.	Yeni, North of Rangoon	New, integrated	Paperboard		17	1990	Bamboo	Equipment delivered.

ASIA

CHINA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Beijing General Paper Mills	Tung County	New	Speciality paper and paperboard (graphic paper)		12	1984		
Feng Xian Pulp and Paper Mill	Feng Xian	New	Paperboard		70	?		In 4 phases
			Household and sanitary paper		6	?		
			Printing and writing paper		?	?		
			Corrugating medium		21	?		
Jiamusi Paper Mill	Jiamusi, Heilang jian	Existing	Unbleached sulphate pulp	40		1984		
			Sack kraft		40	1984		
Naming Paper Mill	Naming, Fujian Prov.	Existing	Newsprint		34	1984		
Qin Zhou mill	Fujian Province	Existing	Sack kraft		30	1985		Machine rebuild
Xiamen Packaging Paper Mill	Fujian Prov.	Existing	Wrapping and packaging paper and paperboard		12	1985		
Xin Hua Paper Mill	Jiang Men	Existing	Fluting medium		?	?		
Yibin Paper Mill	Sichuan Prov.	Existing	Printing and writing paper		30	1987		
Yueyang Paper Mill	Yueyang, Hunan Prov.	Existing	Bleached sulphate pulp	10		1984		
Zhu Jiang Mill	Guangzhou	Existing	Mixed grades, including newsprint and corrugating medium		40	1985		

ASIA

INDIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Andhra Pradesh Industrial Development Corporation	Kakinada	New	Pulp	100		?	Hardwoods from Andaman Islands	Feasibility study to start soon.
Aristo Pulp and Paper Mills	Beghunathpur, Bandi District, Rajasthan State	New	Mixed grades incl. printing and writing paper and kraft paper and paperboard	3		1985	Agricultural residues	In operation
Arunachal Forest Products Pvt. Ltd.	Miao Dist., Arunachal Pradesh	New	Printing and writing paper	30		?	Bamboo	Feasibility study to start soon
Ashok Paper Mills Ltd.	Assam and Bihar	Existing	Printing and writing paper	-40		1984		Shut-down
Ballarpur Industries	Yamunagar, Haryana	New	Paper	17		?		Awaiting Government approval
Ballarpur Industries Ltd.	Yamunanagar, Haryana	Existing	Speciality paper and paperboard	11		1988		
Baroda Rayon Corporation	Ratnagiri Dist., Maharashtra	New	Newprint	50		1984	Waste paper	
Basant Paper Mills Ltd.	Varanasi, U.P.	Existing	Printing and writing paper	12		1986	Straw and imported pulp	Expansion
B.D. Sonani Group	Uttar Pradesh	New	Printing and writing paper	50		?		Uncertain
Bengal Paper Mills Ltd.	West Bengal	Existing	Printing and writing paper	-50		1984	Bamboo	Shut-down
Cachar Paper Plant	Panchagram, Assam	New	Printing and writing paper	100		1986		By HPC and EEI
Cauvery Papers	Satyagala, Mysore Dist.	New	Kraft wrapping and packaging paper	10		1984	Agricultural residues	In operation

ASIA

INDIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Central Pulp Mills Ltd.	Fort Songadh, Gujarat	Existing	Other fibre pulp	71985			Bamboo, bagasse	Expansion
			Printing and writing paper		26	1985		
Century Pulp and Paper Mills	Lalkuan, U.P.	New	Dissolving pulp	20		1985	Eucalyptus	In operation
			Newsprint		20			
			Printing and writing paper		20			
Cooperative Sugar Factory	Rudra Bilas, U. P.	New	Paper		10	?	Bagasse	
P. Pudumjee & Co. Ltd.	Thergaon, Pune	Existing	Household and sanitary paper		15	?		Expansion
Gaurav Paper Mills	Nagpur, Maharashtra	New	Printing and writing paper		8	?		
Hindustan Electrographite Ltd.	Madhya Pradesh	New	Newsprint		60	1988	Waste paper	Consultants being appointed
Hindustan Paper Corp.	Assam	New, integrated	Printing and writing paper		60	1985		
Hindustan Paper Corp.	Kumarbagh in West Champaran, Dist. Bihar	New	Newsprint		80	?	Bagasse	Study stage only
Hindustan Paper Corp.	MOT, Arunachal Pradesh	New	Printing and writing paper		33	?	Bamboo and hardwood	
Hindustan Paper Corp.	Nowgong, Assam	New, integrated	Other fibre pulp	130		1986	Bamboo	
			Printing and writing paper		100	1985		
			Mechanical pulp	80		1984		In operation
Hindustan Paper Corp. (Kerala Newsprint Mills Ltd.)	Velloor, Kerala State	New, integrated	Newsprint		60	1984		

ASIA

INDIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Jayant Paper Mills Ltd.	Bombay	Existing	Newsprint		25	1985		Second-hand machine from Japan
J.K. Paper Mills Ltd.	Bhadravati, Karnataka	Existing	Printing and writing paper		8	1984		
Karnataka Newsprint Mfg. Ltd.	Guttahalli, Bangalore	New	Newsprint		30	?		
Madhya Bharat Papers Ltd.	Dist. Bilaspur, Madhya Pradesh	Existing	Printing and writing paper		16	1985		Expansion
Mysore Paper Mills Ltd.	Bhadravati, Karnataka	Existing	Mechanical pulp	80		1984	Eucalyptus, bamboo	In operation
			Printing and writing paper		75	1984		
Nagaland Pulp and Paper Corporation	Tuli, Nagaland	Integrated	Other fibre pulp	30		1984	Reed and bamboo	Implementation stage
			Printing and writing paper		33	1984		
National Newsprint and Paper Mills Ltd.	Nepanagar, M.P.	Existing	Other fibre pulp	64		1986	Hardwoods, bamboo	Paper machine rebuild
			Newsprint		45			
Neptune Paper Mills Ltd.	Calcutta, West Bengal	New	Mixed grades, incl. printing and writing paper and wrapping and packaging paper		10	?	Agricultural residues	Second-hand machine from Sweden
Pamvi Speciality Tissue Paper Ltd.	Dist. Salan, Himachal Pradesh	New	Speciality paper and paperboard		6	1985	Straw	
Raval Papers Ltd.	Kae Bareilly, U.P.	New	Printing and writing paper		8	?		

ASIA

INDIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m ³ /year	PAPER tons/year			
Rohit Pulp and Paper Ltd.	Udvada, Gujarat	Existing	Other fibre pulp	20		?	Bamboo and eucalyptus	Conversion from rice straw line. Uncertain.
			Printing and writing paper		20	?		
Saiyadri Paper Mills Ltd.	Sehare, M.P.	New	Printing and writing paper, coated		10	1984	Agricultural residues	In operation
Sewa Papers Ltd.	Orissa State	New	Paper		33	1984		In operation
Shree Datta Shetkari Sahakari Sakhar Karkhana Ltd.	Dattanagar, Dist. Kolhapur, Maharashtra	New	Printing and writing paper		7	1984	Bagasse	In operation
Shree Warana Sahakari Sakhar Karkhana Ltd.,	Warananagar, Dist. Kolhapur, Maharashtra	New	Printing and writing paper		7	1984	Bagasse	In operation
Sree Rayalaseema Paper Mills Ltd.	Andhra Pradesh	Existing	Printing and writing paper		42	1985	Bamboo, hardwood	
Sri Laxmi Saraswathi Papers Ltd.	Nizamabad, Dist. Andhra Pradesh	New	Printing and writing paper		16	1985	Bagasse	In operation
State Industrial and Investment Corporation Ltd.	Jayakwadi, Maharashtra	New	Printing and writing paper		100	?	Bagasse	Pre-feasibility report in progress.
Straw Products Ltd.	Bastar, M.P.	New, integrated	?		?	1986		Joint venture with other company.
Tamilnadu Newsprint and Papers Ltd.	Tiruchirapalli	New	Newsprint		50	1985	Bagasse	
Thapars	Himachal Pradesh	New	Newsprint		60	?		
Tirupathi Paper Ltd.	Unknown	New	Newsprint		80	?	Waste paper	

ASIA

INDIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Titaghur Paper Mills	W. Bengal and Orissa	Existing	Mixed grades, incl. printing and writing paper, paperboard		55	1987		Mill presently closed. Attempts being made to reopen.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY	START-UP	RAW MATERIALS	OTHER INFORMATION	
				PULP PAPER 1,000 m. tons/year				
Barito Pulp and Paper	South Kalimantan	New, integrated	Unbleached sulphate pulp	150	1990	Hardwood and softwood	No progress. Financial problems.	
			Bleached sulphate pulp	70	1990			
			Packaging paperboard	80	1990			
			Printing and writing paper	70	1990			
Kayan River Timber	East Kalimantan	New	Pulp	145	1985	Mixed tropical hardwoods		
			Newsprint	100				
			Printing and writing paper	80				
			Fluting medium	20				
Perum Perhutani	?	New	Unbleached sulphate pulp	90	?		No news.	
			Wrapping and packaging paper and paperboard	90	?			
P.W. Kertas Letjes	Probolinggo, East Java	Existing	Other fibre pulp	60	1984	Bagasse		
			Thermomechanical/semi-chemical pulp	75	1986			
			Printing and writing paper	60	1984			Trial operation
			Household and sanitary paper	11	1984			Trial operation
			Newsprint	100	1986			Under construction

ASIA

INDONESIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER m. tons/year			
P.N. Padalarang	Padalarang, West Java	Existing	Speciality paper and paperboard (cigarette and security paper)	8		1985		Finance being sought
P.T. Anem Kesong Anem	Aka, Central Java	New, integrated	Mechanical pulp	45		1985	Pinus merkusii	
			Newsprint		60	1986		
P.T. Ayu Wanji	Malang, East Java	New	Wrapping and packaging paper and paperboard		21	1984		Under construction
P.T. Incon Cahaya	Tangerang, West Java	New	Wrapping and packaging paper and paperboard		7	1985		
P.T. Indiah Kiat/P.T. Berkas Indah Agung	Biau, Sumatra	Existing	Bleached sulphate pulp	50		1984		
			Printing and writing paper		16	1986		
P.T. Inhutani I.	Sesayap, East Kalimantan	New	Bleached sulphate pulp	200		1985	Mixed tropical hardwoods	Finance being sought
			Packaging paperboard		100	1985		
P.T. Inpama	Tangerang, West Java	Existing	Household and sanitary paper		3	1984		
P.T. Kertas Kraft Cilacap	Cilacap, Central Java	New, integrated	Unbleached sulphate pulp	90		1987	Pine	
			Sack kraft		90	1987		
P.T. Kimpaper	Medan, North Sumatra	New	Speciality paper and paperboard		2	?		

ASIA

INDONESIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
P.T. Mekabox	Gresik, East Java	New	Wrapping and packaging paper and paperboard		21	1984		Trial operation
P.T. Pakerin	Mojoekerto, East Java	Existing	Wrapping and packaging paper and paperboard		30	1984		Under construction
P.T. Papyrus Sakti	Bandung, West Java	Existing	Paperboard, coated		9	1984		In operation
P.T. Pelita Cengkareng Papu	Jakarta	Existing	Mixed grades, incl. printing and writing paper and kraft liner		30	1984		
P.T. Pindo Deli	Karawang, West Java	Existing	Printing and writing paper, coated		6	1984		
P.T. Para Kertas	Kudus, Central Java	Existing	Printing and writing paper		3	1984		
P.T. Sabindo	East Kalimantan	New	Bleached sulphate pulp	165		1990		
P.T. Surya Kertas	Gresik, East Java	Existing	Fluting medium		6	1984		Under construction
P.T. Tjiwi Kimia	Sidoarjo, East Java	Existing	Other fibre pulp	6		1984		Under construction
			Mixed grades, incl. printing and writing paper and wrapping and packaging paper and paperboard		38	1984		

ASIA

INDONESIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Sumatra Pacific Industries	Lhokseumawe, Aceh, North Sumatra	New, integrated	Unbleached sulphate pulp	175		1988		Forest concession obtained
			Kraft wrapping and packaging paper		175	1988		

IRAN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Karun Agro Industries	Shushtar	New, integrated	Other fibre pulp	300		1985	Bagasse	
			Printing and writing paper		180	1985		
Mazandaran Wood and Paper Industries	Sari	New, integrated	Printing and writing paper		90	1985	Imported pulp	Project delayed. Plans for pulp production abandoned.
			Fluting medium		85	1985		

ASIA

ISRAEL

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP	PAPER			
				1,000 m. tons/year				
American Israeli Paper Mills Ltd.	Hadera	Existing	Speciality paper and paperboard (cartonless copy paper)		?	1984		

JAPAN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Chuetsu Pulp Industry	Nohmachi	Existing	Printing and writing paper, coated		69	1986		
Chuetsu Pulp Industry	Sendai	Existing	Bleached sulphate pulp	70		1986		
			Wood-free printing and writing paper		54	1985		
Daishowa Paper	Fuji	Existing	Printing and writing paper, coated		-93	1986		Shut-down
Daishowa Paper	Iwanuma	Existing	Pulp	121		1986		
			Printing and writing paper, coated		208	1986		
Daishowa Paper	Yoshinaga	Existing	Bleached sulphate pulp	174		1984		
			Bleached sulphate pulp	-104		1984		Shut-down
Hokuetsu Paper	Niigata	Existing	Printing and writing paper, coated		52	1986		
Honshu Paper	Fuji	Existing	Folding boxboard		67	1986		
Jujo Paper	Ishinomaki	Existing	Printing and writing paper, coated		117	1985		
Jujo Paper	Kushiro	Existing	Wood-containing printing and writing paper	-36		1985		Shut-down
Jujo Paper	Yatsushiro	Existing	Wood-containing printing and writing paper		-42			Shut-down

ASIA

JAPAN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Kinshu Paper	Kinshu	Existing	Bleached sulphate pulp	174		1987		
			Bleached sulphate pulp	-111- D1987				Shut-down
Mitsubishi Paper	Hachinohe	Existing	Printing and writing paper, coated		104	1987		
Nagoya Pulp	Gifu	Existing	Wood-free printing and writing paper		60	1984		
Ohtsu Paperboard	Ohtsu	Existing	Folding boxboard		67	1988		
Oji Paper	Ebeton	Existing	Wood-free printing and writing paper		80	1985		
Oji Paper	Kasugai	Existing	Printing and writing paper, coated		104	1985		
Oji Paper	Nichinan	Existing	Wood-free printing and writing paper		56	1986		
Oji Paper	Tomakomai	Existing	bleached sulphate pulp	174		1985		
			Bleached sulphate pulp	-110		1985		Shut-down
			Semi-chemical pulp	-56		1986		Shut-down
			Wood-containing printing and writing paper		-68	1984		Shut-down
Otake Shigyo	Otake	Existing	Printing and writing paper, coated		70	1984		Rebuild
Hengo	Tonegawa	Existing	Linerboard		-65	1984		Shut-down

ASIA

JAPAN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Sanyo-Kokusaku Pulp	Iwakuni	?	Printing and writing paper, coated		122	1988		
Sanyo-Kokusaku Pulp	Yufutsuu	?	Thermomechanical pulp	69		1987		
			Newsprint		167	1987		
			Wood-free printing and writing paper		83	1988		
Settsu Paperboard	Tokyo	Existing	Fluting medium		138	1984		
Taio Paper	Mishima	Existing	Unbleached sulphate pulp	243 -104 -243 191	-104	1984 1984 1985 1986 1986		Shut-down Change to bleached sulphate Shut-down
			Bleached sulphate pulp	209 -69		1985 1985		Change from unbleached sulphate Shut-down
			Printing and writing paper, coated		66 104	1984 1986		
Toyo Pulp	Kure	?	Wood-free printing and writing paper		80	1986		

ASIA

JORDAN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP	PAPER			
				1,000 tons/year				
Jordan Paper and Cardboard Co.,	Awajan-Zarka	-	Paperboard (duplex)	15		1987		Project under study
National Industries	Sukhneh	New	Household and sanitary paper	15		1984		In operation

ASIA

KOREA, REP. OF

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Chonju Paper Mfg. Co. Ltd.	Chon Ju City	Existing	Newsprint		140	1985/86		
Dae Han Paper	Undecided	Existing	Newsprint		60	1985		
Dong Chang Paper	?	Existing	Paperboard		15	1985		
Hwa Jin Paper	?	Existing	Paperboard		15	1985		
Rim Paper	Tea Gu	Existing	Paperboard		50	1985		Restart and conversion of kraft liner mill closed in 1982
Shin Poong Paper Mfg. Co. Ltd.	Pyungtalk-Gun	Existing	Paperboard		80	1986		

ASIA

LEBANON

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Continental Paper Corporation	Unknown	Existing	Household and sanitary paper		30	?		New machines
			Paperboard		30	?		

MALAYSIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m.	PAPER tons/year			
Forest Industries Sdn. Bhd.	Sipitang, southern Sabah	New integrated	Sulphate pulp	100		1987	Pine, albizzia and eucalyptus plantations	For export
			Printing and writing paper		125			
Heavy Industry Corp	Kampong Salor, State of Kelantan (East Malaysia)	New, integrated	Other fibre pulp	100		1987	Rice straw	Preliminary studies completed
			Printing and writing paper		130	1987		
Peninsular Paper Products	Alor Setah, Kedah	New	Household and sanitary paper		7	?		Planning stage.
Pulp and Paper Industries	Kepong, Selangor	New	Printing and writing paper		40	?		Uncertain
Scott Paper (Malaysia) Sdn. Bhd.	Kluang, Johore	New	Household and sanitary paper		13	1984		In operation

ASIA

NEPAL

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Bhrikuti	Nawal Parasi	New	Printing and writing paper	3		1985	Agricultural residues	Chinese aid.
Everest Paper Mill	Nawal Parasi	New	Paper	30		1984		
Paper Mill Technical Services Project	Nepalgunj, Banke District of Western Terai	New	Printing and writing paper	10		1987	Rice straw	Loan approved by Asian Development Bank

PAKISTAN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				FULP 1,000 m. tons/year	PAPER			
?	Charsadda	New	Printing and writing paper		12	?		
?	Near Manshera	New	Other fibre pulp	30		1988	Pine	
Indus Paperboard Mills	Dehra Ghazi Khan	Existing	Paperboard		10	1987	Wheat straw, river grasses, waste paper	
Punjab Industrial Development Board	Kamalia, Faisalabad	New integrated	Other fibre pulp	66		1988	Bagasse	Feasibility study under way
			Newsprint		66			

ASIA

PHILIPPINES

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Asgard Paper Mill	Bulacan	New	Speciality paper and paperboard		6	1985/86		Under construction
Golden Ace Trading Corp.	Pasing	Existing	Printing and writing paper		4	1985		Expansion
Menzi Development Corporation	Mindanao	Existing	Other fibre pulp	3		1984		
			Speciality paper and paperboard (security paper)		10	1984		
			Printing and writing paper, coated		9	1986		
Paper Industries Corporation of the Philippines (PICOP)	Mindanao	Existing	Newsprint		45	1986		Expansion
			Fluting medium		30	1986		
			Printing and writing paper		60	1990		
People's Pulp and Paper Mill	Bulacan	New, integrated	Other fibre pulp	6		1987	Rice straw and purchased pulp	Under construction
			Printing and writing paper		10	1987		

SAUDI ARABIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Injaz Saudi International Paper Co.	Jeddah	New	Fluting medium		35	1986	Waste paper	

ASIA

SRI LANKA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
National Paper Corp.	Embilipitiya, Southern Prov.	New	Chemical pulp	15		1986	Hardwood	Pre-feasibility study completed
National Paper Corp.	Valaichchenai, Eastern Prov.	New, integrated	Chemical pulp	15		1986	Hardwood	Pre-feasibility study completed

SYEIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m. tons/year	PAPER 1,000m. tons/year			
General Establishment of Chemical Industries (GECI)	Deir-es-Zor	New, integrated	Other fibre pulp	32		1984	Straw	Paper mill in operation since 1981. Supply of straw for pulp mill uncertain.

ASIA

THAILAND

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 d. tons/year	PAPER 1,000 d. tons/year			
Bangkok Newsprint Co. Ltd.	Saraburi	New, integrated	Mechanical pulp	100		1987	Pine and kenaf	TMP and CTMP
			Newsprint		120	1987		
Siam Kraft Paper Co. Ltd.	Rajburi	Existing	Kraft liner		92	1986		
Thai Pulp Co., Ltd.	Kanchanaburi	New	Other fibre pulp	80		1984	Bamboo	Joint venture with foreign machinery supplier. Doubtful

ASIA

TURKEY

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Ipek Kagit Tissue Paper Co.	Karamursel	Existing	Household and sanitary paper		20	1985		Expansion
Karton Sanayi ve Ticaret A.S.	Izmit	Existing	Folding boxboard		50	1987		New machine ordered
Samsun Ataturk	Unknown	New	Bleached sulphate pulp	41		1987		
			Mechanical pulp	43		1987		
			Printing and writing paper		130	1987		
SEKA	Kastamou Muesserei	New	Other fibre pulp	4		1984	Beap	Under construction
Toprak Kagit Sanayii	Bozuyuk	New	Household and sanitary paper		20	1984		
Tuksan Tuvalet	Bilecik	New	Household and sanitary paper		22	1984		
Turkiye Selulöz ve Kagit (SEKA)	Taskopru	New	Speciality paper and paperboard (cigarette paper)		5	1985		

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Lenzing AG	Lenzing	Existing	Speciality paper and paperboard		33	May 1984		Shut-down of two old machines after installation of new one
Leykam-Muerztaler	Gratkorn	Existing	Wood-free printing and writing paper, coated		165	1987		
Nettingsdorfer Papierfabrik AG	Nettingsdorf	Existing	Fluting medium, kraft liner		30	1984		Shut-down of 3 old paper machines after installation of new one
Steyrermuehl Papierfabriks- und Verlags AG	Steyrermuehl	Existing	Mechanical pulp	45		Oct. 1984		Shut-down of one old paper machine after installation of new one
			Newsprint		130	Oct. 1984		
W. Hamburger AG	Pitten	Existing	Fluting medium		14	April 1985		Rebuild
Zellstoff Polser AG	Polz	Existing	Bleached sulphate pulp	200		Nov. 1984		Shut-down of sulphate pulp after installation of new machine
			Bleached sulphate pulp	-75		Nov. 1984		

BELGIUM

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Kartonfabrick Van Duffel	Duffel	Existing	Folding boxboard	6		1984		
KNP (Royal Dutch Paper Mills)	Lanaken	Existing	Wood-free printing and writing paper, coated	170		1987		
La Cellulose des Ardennes	Harnoncourt	Existing	Bleached sulphate pulp	30		1987	Hardwoods	
Papeteries de Belgique	Langerbrugge	Existing	Wood-free printing and writing paper, uncoated	12 40		1985 ?		

EUROPE

BULGARIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP	PAPER			
				1,000 m. tons/year				
?	Nichopol	Existing	Paperboard		70	1985		
Gara Iskar	Near Sofia	Existing	Speciality paper and paperboard		9	?		Paper machine rebuild.
KMH Dimitar Blagoev	Belovo	Existing	Speciality paper and paperboard (cigarette paper)		4	1986		
			Household and sanitary paper		22	1986		
KPH Stefan Kirajiev	N. Krichim	Existing	Unbleached sulphate pulp	100		1985	Softwood	
			Kraft wrapping and packaging paper		50	1985		
Lesopromishlen Kombinat	Silistra	New, integrated	Bleached sulphate pulp	100		After 1985	Softwood	
			Printing and writing paper		90	1985		
Vaptsavor Enterprise	Kocherinovo	Existing	Paperboard		22	1985	Waste paper	
			Household and sanitary paper		15	1985		

CZECHOSLOVAKIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	P. ODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP	PAPER			
				1,000 m. tons/year				
Chemicaluloza	Zilina	Existing	Household and sanitary paper		30	1984		In operation
Jihocesky Kombinat	Ceske Budejovice, southern Bohemia	New, integrated	Unbleached sulphate pulp	200		after 1994	Spruce, pine	
			Paper		250			
Juhoslovenske Cel. a Pap.	Sturovo	Existing	Packaging paperboard		23	1990	Waste paper	Rebuild
Krkonožske papirny	Hostinne	Existing	Printing and writing paper		15	1984		Machine rebuild
Severomoravske Cel. a Pap.	Paskov	New	Bleached sulphite pulp	200		1984	Spruce	In operation
			Paper		7	1990		
Severosceske Papirny	Steti	Existing	Newsprint		20	1989		
Severoslovenske Cel. a Pap.	Ruzomberok	Existing	Printing and writing paper, coated and uncoated		100	1990		
			Wrapping and packaging paper		50	1990		

EUROPE

FINLAND

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
A. Ahlstrom Corp.	Kauttua	Existing	Wood-free printing and writing paper		12	1985/86		Rebuilding of paper machines
			Kraft wrapping and packaging paper		6	1985/87		
A. Ahlstrom Oy	Varkaus	Existing	Wood-free printing and writing paper		30	1985		Conversion from newsprint and capacity increase
Enso-Gutzeit Oy	Kaukopaa	Existing	Chemical pulp	70		1988	Softwood	
			Chemi- thermomechanica l pulp	100		1988		
			Paperboard		140	1988		
Enso-Gutzeit Oy	Tainionkoski	Existing	Paperboard		20	1987		
G.A. Serlachius Oy	Lielähti	Existing	Chemi- thermomechanica l pulp	70		1986	Softwood	
			Dissolving pulp	75		1986		Shut-down Replacing old sulphite mill
Joutseno Pulp Oy	Joutseno	Existing	Bleached sulphate pulp	25		1985		Rebuilding of existing mill
Kajaani Oy	Kajaani	Existing	Newsprint		20	1986		Modernization
Kemi Oy	Kemi	Existing	Bleached sulphate pulp	20		1986	Softwood and hardwood	Rebuild
			Kraft liner		40	1986		
Kymi-Stromberg Oy	Kuusanniemi	Existing	Bleached sulphate pulp	50		1984/86	Birch	Rebuild

FINLAND

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP	PAPER			
				1,000 m. tons/year				
Kymi-Stromberg Oy	Voikkaa	Existing	Wood-containing printing and writing paper, coated	120		1986		Machine rebuild. Conversion from newsprint and capacity increase
Metsäliiton Teollisuus Oy	Aanekoski	Existing	Chemical pulp	-170		1984/86	Softwood/hardwood	Close-down (new Metsä-Botnia mill to start in 1985)
			Speciality paper and paperboard (wallpaper)	20		1985/86		
			Printing and writing paper	20		1985/89		
Metsäliiton Teollisuus Oy	Kuopio	Existing	Fluting medium	40		1984	Hardwood	
O/Y Kyro A/B	Kyrokoski	Existing	Speciality paper and paperboard	20		1984		Modernization
Oy Metsä-Botnia	Aanekoski	Existing	Bleached sulphate pulp	300		1985	Softwood/hardwood	Replacing old mills
Oy Nokia Ab	Nokia	Existing	Sulphite pulp	-80		1985		Close-down
Oy Tampella Ab	Inkeroinen	Existing	Folding boxboard			1983/85	Spruce	Change from chipboard to folding boxboard
			Sulphate pulp	110		1980's		No decision
Oy W. Rosenlew Ltd.	Pori	Existing	Kraft wrapping and packaging paper	80		1980's		
			Sulphate pulp	20		1987	Softwood	No decision
Oy Wilh. Schauman Ab	Pietarsaari	Existing	Sack kraft	5		1985	Softwood	
			Wood-free printing and writing paper	20		1985		Paper machine rebuild
Tervakoski Oy	Tervakoski	Existing						

EUROPE

FINLAND

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
United Paper Mills	Jamsankoski	Existing	Printing and writing paper	5		1985		Machine rebuild
United Paper Mills	Kotka	Existing	Speciality paper and paperboard	4		1985		
United Paper Mills	Simpele	Existing	Folding boxboard	20		1985		Machine rebuild
United Paper Mills	Tervasaari	Existing	Wrapping and packaging paper and paperboard	20		1986		New machine replacing 2 old ones
Veitsiluoto Oy	Kemi	Existing	Wood-containing printing and writing paper, coated	20		1986		Conversion from newsprint and capacity increase.

FRANCE

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m.tons/year	PAPER 1,000m.tons/year			
Arjomari	Wizernes	Existing	Wood-free printing and writing paper, coated		65	1986		Bought from Papeteries de 1 ^{re} AA
Aussedat-Rey	Saillat	Existing	Wood-free printing and writing paper, uncoated		20 70	1985 1986		
Beghin-Say	Kunheim	New	Thermomechanica l pulp	100		1985		No final decision
Chapelle Darblay	St. Etienne-du- Rouvray	Existing	Wood-free printing and writing paper, coated		40	1986		Newsprint, - 100, 1986
Consortium of banks (ex- Chapelle Darblay)	Grand-Couronne	Existing	Newsprint		45	1988		
Papeterie Mougeot	Laual-sur- Vologne	Existing	Printing and writing paper		15	1985		Machine rebuild
Papeteries Du Bourray	Saint-Mars-La Briere	Existing	Household and sanitary paper		15	1985	Waste paper	
Papeteries du Limousin	Alaincourt	Existing	Linerboard		60	1986	Waste paper	No final decision
Bochette-Cenpa	Venizel	Existing	Fluting medium		25	1985/86		Machine rebuild

EUROPE

GERMAN DEMOCRATIC REPUBLIC

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
?	Grossen	New	Linerboard		130	After 1980's		
?	Wittenberge	Existing	Bleached sulphate pulp	220		1980's		
VEB Papierfabrik Schwedt	Schwedt	Existing, integrated	Wrapping and packaging paper and paperboard		140	1984		Machine rebuild.

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m.tons/year	PAPER m.tons/year			
Haindl Paper Co.	Walsum	Existing	Mechanical pulp	75		1986		
			Printing and writing paper, coated		160			
Hakle	Mainz	Existing	Household and sanitary paper		?	mid-1986		
Hannover Papier	Alfeld	Existing	Wood-free printing and writing paper		35	1985		
Holtzmann	Voeisenbauch	Existing	Printing and writing paper		150-170	mid-1987		
Lang AG	Ettringen	Existing	Newsprint		150	1984	Mechanical pulp, waste paper	
Wordland Papier	Doerpen	Existing	Wood-free printing and writing paper		20	1985		Paper machine rebuild
Wepa	Arnsberg	Existing	Household and sanitary paper		26	1984		

EUROPE

GREECE

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP	PAPER			
				1,000 m. tons/year				
Achaia Paper Mill	Near Patras	New	Household and sanitary paper	15		1984		In operation
Tecanopack	Patras	Existing	Wrapping and packaging paper and paperboard	10		1984		
Thrace Paper Mills	Xanthi	Existing	Household and sanitary paper	15		1984		In operation

EUROPE

HUNGARY

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Ministry of Light Industry	Labatlan	New	Chemithermomechanical pulp	43		?	Hardwood	Feasibility study prepared by FAO.
			Household and sanitary paper		46	?		Postponed indefinitely
PV Budafoki Papirgyar	Budafok	New	Paperboard		25	1986		
PV Dunaujvarosi Papirgyar	Dunaujvaros	Existing	Other fibre pulp	10		1987	Straw	Reconstruction of capacity
PV Szolnoki Papirgyar	Szolnok	Existing	Printing and writing paper, coated		60	1984		New paper machine

EUROPE

IRELAND

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000m. tons/year	PAPER			
Irish Government	Clondalkin	Existing	Wood-free printing and writing paper	50		end 1984		Government bought mill shut down in 1981

ITALY

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP	PAPER			
				1,000 m.tons/year				
Cartiera del Vignaletto	S. Maria di Zevio (Verona)	Existing	Household and sanitary paper	13		1984		
Cartiera di Jesi	Jesi	Existing	Household and sanitary paper	10		1984		
Cartiera di Torbole	?	Existing	Household and sanitary paper	8		1984		
Cartiera Fenili	?	Existing	Household and sanitary paper	6		1984		
Cartiera Lucchese dei Fratelli Pasquini	Porcari, Lucca	Existing	Household and sanitary paper	30		1985		
Cartiera S. Paolo	?	Existing	Household and sanitary paper	15		1984		
Istituto Poligrafico dello Stato	Poggia	New	Other fibre pulp	30		1985	Straw	
Scott Paper	Romagnano Sesia	Existing	Household and sanitary paper	53		1985		

EUROPE

NETHERLANDS

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Berghuizer Papierfabriek	Wapenveld	Existing	Wood-free printing and writing paper	15	25	1985 1987	Bleached sulphate pulp	Modernization Under consideration
Kappa Board & Paper	Scholten, Sappenmeer	Existing	Paperboard	6		1984	Waste paper	Modernization
Kon. Ned. Papierfabrieken N.V.	Nymegen	Existing	Printing and writing paper, coated	45		1984		Machine rebuild
Papierfabriek De Hoop	Eerbeek	Existing	Test liner	43		1985	Waste paper	Machine rebuild
Papierfabriek Roersmond BV	Roersmond	Existing	Test liner	50		1987		No confirmation
Parengo	Renkum	Existing	Newsprint	119		1987	TMP and waste paper	New machine replacing old one. Net capacity increase

NOEWAY

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
A/B Sunland-Eker Papirfabrikker	Drammen	Existing	Household and sanitary paper		19	1985	Waste paper	New machine to replace 2 smaller ones
Polla Bruk AS	Pollafoss	Existing	Chemical thermomechanical pulp	15		1984	Spruce	New machine
Pollum Fabrikk	Ottonefoss	Existing	Newprint		12	1984	Spruce	Modernization of paper machine
Norske Skogsindustrier	Skogn	Existing	Thermomechanical pulp	70		1984	Spruce	Machine rebuild

EUROPE

POLAND

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER m. tons/year			
Kostrzya Paper	Kostrzya	?	Household and sanitary paper		9	1985		Second-hand equipment
Kwidzynskie Zakłady Celulozy i Papieru	Kwidzyn	New, integrated	Semi-chemical pulp	55		1985	Birch	In operation
			Printing and writing paper		180	1985/87		
			Folding boxboard		90	1988		
Unknown	Krapkowice	Existing	Sulphate pulp	?		1985		
Unknown	Ostrolika	Existing	Sulphate pulp	?		1985		
Unknown	Skolwin	Existing	Newsprint		?	1986		Machine rebuild

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m.tons/year	PAPER 1,000 m.tons/year			
Fapajal	Loures	Existing	Printing and writing paper		8	1984		
Portucel	Viana	Existing	Kraft liner		20	1984/87		
Soporcel (ex Celangol Foz Project)	Figueira da Foz	Existing	Bleached sulphate pulp	280		1984/87	Hardwood (eucalyptus)	Foreign partner being sought
			Printing and writing paper		?	1991		

EUROPE

ROMANIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
C.C. H. Vrancea	Adjud	New, integrated	Unbleached sulphate pulp	120		1984	Softwood and beech	
			Printing and writing paper		50	1984		
			Fluting medium		100	1984		
			Household and sanitary paper		20	1984		
Combinatul Calarasi	Calarasi	Existing	Household and sanitary paper		7	1985	Waste paper	

SPAIN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Carlos A. Ecker	Bemiparrel (Valencia)	Existing	Household and sanitary paper		30	1987	Waste paper	
CEASA	Navia	Existing	Bleached sulphate pulp	40		1987/88	Eucalyptus	
ENCE	Huelva	Existing	Bleached sulphate pulp	60		1986/88	Eucalyptus	
ENCE	Miranda	Existing	Bleached sulphate pulp	30		1986/88	Eucalyptus	
ENCE	Pontevedra	Existing	Bleached sulphate pulp	40		1986/88	Eucalyptus	
Papelera Espanola	Bentria	Existing	Newsprint		50	1986/87	Softwood	
Papelera Guipuzcoana de Zicunaga	Hernani	Existing	Bleached pulp	20		?		
Saica	Zaragoza	Existing	Fluting medium		70	1986/87	Waste paper and straw	

EUROPE

SWEDEN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
AB Iggesund Bruk	Iggesund	Existing	Paperboard		75	1984		Rebuild
Billerud AB	Gruvoen	Existing	Kraft liner		170	1987		New machine
Holmens Bruk AB	Braviken	Existing	Newsprint		200	1985		
Holmens Bruk AB	Hallstavik	Existing	Unbleached sulphite pulp	-65		1984		Pulp mill closure
Holmens Bruk AB	Norrkoeping	Existing	Wood-containing printing and writing paper		-140	1985		
			Newsprint		40	1988		
Hylte Bruks AB	Hylte	Existing	Thermomechanical pulp	160		1984	Softwood (spruce)	Change from wet mechanical
Korsnas-Marna AB	Gaeve	Existing	Paperboard		40	1984		Rebuild
MoDo Cell AB	Domsjo	Existing	Chemithermomechanical pulp	65		1985		
MoDo Papper AB	Hasum	Existing	Wood-free printing and writing paper, uncoated		120	1985		New machine
MoDo Papper AB	Silverdalen	Existing	Printing and writing paper, uncoated		-20	1985		New coating machine
			Wood-free printing and writing paper, coated		60	1985		
Nya Backhammars Bruk AB	Backhammar	Existing	Sack kraft		40	1984		Rebuild
Nymolla AB	Nymolla	Existing	Wood-free printing and writing paper, coated		40	1986		New coating machine

SWEDEN

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Stora Kopparbergs Bergslags AB	Kvarnsveden	Existing	Newsprint		120	1988		
Svenska Cellulosa AB (SCA)	Ortviken	Existing	Thermomechanical pulp	220		1985		
			Newsprint		200	1986		New machine

EUROPE

SWITZERLAND

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Balsthal Papierfabrik	Niederbipp	Existing	Household and sanitary paper		5	1984		Machine rebuild
Papierfabrik Horgen AG	Horgen	Existing	Household and sanitary paper		20	1984		
Papierfabrik Utzenstorf	Bern	Existing	Newprint		20	late 1986		

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER			
Bowaters UK Paper Company	New Thames	Existing	Wood-free printing and writing paper, uncoated	40		1984/86		Paper machine rebuild
Charles Turner	Bolton	Existing	Speciality paper and paperboard	-5		1984		Mill closure
Consolidated Bathurst Inc.	Bridgewater	Existing	Newsprint	250		1983/86		Mill reopening (previously owned by Bowater). In operation
G.P. Inveresk	Denny, Stirlingshire	Existing	Paper	-6		1984		
G.P. Inveresk	Witchampton, Dorset	Existing	Paperboard	-8		1984		Mill closure
G.P. Inveresk	Woodhal, Midlothian	Existing	Paperboard	-16		1984		Mill closure
James Cropper & Co. Ltd.	Kendal	Existing	Speciality paper and paperboard	3		1985		
Kimberly-Clark Ltd.	Prudhoe	Existing	Household and sanitary paper	40		1982/85		New machine
New Taplow Paper Mill Ltd.	Maidenhead	Existing	Fluting medium	10		1982/86		Machine improvement
Reed Paper and Board (UK) Ltd.	Aylesford, Kent	Existing	Wrapping and packaging paper and paperboard	-48		1984		Machine closures
Reed Paper and Board (UK) Ltd.	Greenhithe, Kent	Existing	Printing and writing paper	5		1984		
Reed Paper and Board (UK) Ltd.	Thatcham	Existing	Folding boxboard	-65		1985		Machine closures

EUROPE

UNITED KINGDOM

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Sharma Group	Bury	Existing	Household and sanitary paper		4	1984/85		Restart of mill formerly owned by Wiggins Teape
Shotton Paper (subsidiary of United Paper Mills of Finland)	Shotton	New	Mechanical pulp	190		1985/87	Spruce	
			Newsprint		180	1985/87		
Smith Stone and Knight Ltd.	Birmingham	Existing	Wrapping and packaging paper and paperboard		10	1981/85		Machine improvement
Thames Board Mills	Workington	Existing	Folding boxboard		100	1981/84		New machine
Thomas and Green	High Wycombe	Existing	Printing and writing paper		-5	1984		Mill closure
Thomas Tait and Sons	Inverurie	Existing	Wood-free printing and writing paper, uncoated		77	1986		New machine
Wiggins Teape Ltd.	Dartford	Existing	Printing and writing paper		-6 -16	1984 1985		Machine closures
Wiggins Teape Ltd.	Dover	Existing	Printing and writing paper		2	1984		Machine rebuild
Wiggins Teape Ltd.	Ely, near Cardiff	Existing	Printing and writing paper		11	1982/85		Improvement to paper machine
Wiggins Teape Ltd.	Fort William, Scotland	Existing	Printing and writing paper		15	1982/85		Improvement to paper machine
Wiggins Teape Ltd.	Stoneywood	Existing	Printing and writing paper		15	1984/85		Machine rebuild
William Nash PLC	St. Paul Cray, Kent	Existing	Speciality paper and paperboard		-18	1984		Mill closure
Wirtchampton Boardmills (Wimborne) Ltd.	Wimborne, Dorset	Existing	Speciality paper and paperboard		10	mid-1984		Restart of idle mill

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m.	PAPER tons/year			
Celpak	Prijeedor	Existing	Printing and writing paper, coated		15	1984		Machine rebuild
			Wrapping and packaging paper and paperboard		5	1984		

OCEANIA

AUSTRALIA

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER 1,000 m. tons/year			
Associated Pulp and Paper Mills (APPM)	Wesley Vale, Tasmania	New	Chemical pulp	230		?		Reconsideration of project shelved in 1982
Australian Paper Manufacturers (APM)	Maryvale, Victoria	Existing	Unbleached sulphate pulp	100		1984	Softwood	For domestic use
			Eleached sulphate pulp	40		1987	Hardwood (eucalyptus)	For market
Australian Paper Manufacturers Ltd. (APH)	Bathurst area, New South Wales	New	Pulp	136		After 1990	Pinus radiata thinpings	Final decision to be taken
Finnish consortium	Maryborough area (southeast Queensland)	New, integrated	Newsprint		180	end 1986		Feasibility study under way
Yoolandrie Pty. Ltd.	Brisbane	New, integrated	?		15	1985 (?)		Postponed

NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m ³ /year	PAPER tons/year			
New Zealand Forest Products	Kinleith	Existing	Chemical pulp	52		1986		
			Sack kraft		20	1984		Machine rebuild
New Zealand Forest Products	Marsden Point	New, integrated	Thermomechanical pulp	60		1988		Project delayed
			Wood-free printing and writing paper, coated		150			
			Printing and writing paper		150			
Northern Pulp and Daishowa Paper	?	New	Newsprint		100	1990		Probable delay
Northern Pulp Ltd. (H.K. Hunt Found, C. Itoh)	Near Opuia	New	Mechanical pulp	85		early 1990's		
Southwood Ltd.	Otago		Thermomechanical pulp	70		after 1994	Sawmill residues and thinnings	
Tasman Pulp and Paper	Kawerau	Existing	Mechanical pulp	30		1985		Feasibility study being done
			Newsprint		180	?		
Winstone Samsung Industries Ltd.	Karioi	Existing	Chemithermomechanical pulp	47		1985		

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NAME OF COMPANY	MILL LOCATION	TYPE OF MILL	PRODUCT	ADDITIONAL CAPACITY		START-UP	RAW MATERIALS	OTHER INFORMATION
				PULP 1,000 m. tons/year	PAPER tons/year			
Black Sea mill	Black Sea, east coast	Existing	Speciality paper and paperboard (tea bag paper)		2	1985		
Kondrovo mill	Kondrovo, near Kaliga	Existing	Household and sanitary paper		7	1985		Machine rebuild
Sovietsky Pulp and Paper Complex	Viipuri	Existing	Sulphite pulp	10		1988	Spruce	
			Paper		48	1988		
Svetogorsk Cellulose and Cardboard Combine	Kaliningrad	Existing, integrated	Bleached sulphate pulp	400		1983/84	Hardwood (birch)	Third stage expansion. In operation
			Food-free printing and writing paper		160	1983/84		
Syktyvkar Cellulose and Paper Combine	Komi	Existing, integrated	Chemical thermomechanical pulp	165		1987		Additional plans for 360 000 t/y of printing grades in late 1980's
			Printing and writing paper		180	1986		
Yeniseisk Cellulose and Paper Combine	Yeniseisk	New, integrated	Mechanical pulp	200		1985	Wood	Study stage only
			Bleached sulphate pulp		400	1985		
			Newsprint		300	1985		
			Kraft wrapping and packaging paper		200	1985		

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