

IVL Financials

IVL Consolidated		1Q20R	2Q20R	3Q20R	4Q20R	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
Annual Installed Capacity	kt	17,173	17,295	17,316	17,350	17,232	17,193	17,359	17,338	17,580	18,795	19,015
Quarter Effective Capacity	kt	4,321	4,282	4,329	4,330	4,255	4,312	4,390	4,404	4,324	4,709	4,764
Quarter Production	kt	3,311	3,239	3,681	3,485	3,663	3,612	3,734	3,713	3,800	3,833	3,816
Operating Rate	%	77%	76%	85%	80%	86%	84%	85%	84%	88%	83%	82%
Gross Revenue	\$M	3,080	2,423	2,685	2,842	3,407	3,716	4,032	4,190	4,677	5,689	5,108
Intercompany sales	\$M	(139)	(80)	(99)	(119)	(167)	(157)	(165)	(227)	(233)	(238)	(212)
Net Revenue	\$M	2,942	2,343	2,586	2,722	3,240	3,559	3,867	3,963	4,444	5,451	4,896
Core EBITDA (CPET+IOD+Fibers)	\$M	299	291	251	263	367	484	427	470	646	746	594
Core EBITDA (Holdings)	\$M	0	8	5	7	(0)	(7)	11	(9)	5	12	12
Core EBITDA IVL Consolidated	\$M	299	299	256	269	367	477	437	462	650	758	606
Core EBITDA margin	%	10%	12%	10%	9%	11%	13%	11%	11%	14%	13%	12%
Core ROCE	%	6%	6%	5%	5%	9%	14%	12%	13%	19%	20%	15%
Less: Core Depreciation & Amortization	\$M	(156)	(164)	(160)	(174)	(165)	(164)	(171)	(179)	(167)	(186)	(185)
Less: Net Finance Costs	\$M	(68)	(53)	(59)	(59)	(60)	(51)	(53)	(52)	(53)	(61)	(73)
Add: Share of profit/(loss) from JV	\$M	0	2	1	1	1	1	2	1	1	(0)	(1)
Less: Core Tax (expense)/income	\$M	(5)	18	(6)	27	(43)	(61)	(50)	(55)	(98)	(128)	(22)
Less: Core Non Controlling Interests (NCI)	\$M	1	(0)	(3)	(9)	(17)	(10)	(9)	(26)	(42)	(42)	(23)
Less: Tax on inventory gains/(losses)	\$M	(26)	(26)	3	7	33	13	14	2	29	46	(24)
Add: Lakes Charles cracker (IVOL) below EBITDA items	\$M	11	14	9	5	12	8	10	11	-	-	-
Core Net Profits after Tax and NCI	\$M	57	91	41	67	127	213	180	163	320	386	280
Core Net Profits after Tax and NCI	THB M	1,775	2,901	1,266	2,045	3,850	6,641	5,929	5,466	10,578	13,232	10,341
Core EPS annualised	THB	1.13	1.93	0.77	1.32	2.61	4.60	4.09	3.76	7.40	9.29	7.23
Core EBITDA (CPET+IOD+Fibers)	\$M	299	291	251	263	367	484	427	470	646	746	594
Core EBITDA (Holdings)	\$M	0	8	5	7	(0)	(7)	11	(9)	5	12	12
Core EBITDA IVL Consolidated	\$M	299	299	256	269	367	477	437	462	650	758	606
Add: Extraordinary income/(expenses) impacting EBITDA	\$M	(63)	(98)	(16)	(8)	116	75	40	9	134	252	(96)
Inventory Gain/(Loss)	\$M	(110)	(103)	8	31	141	55	60	18	133	195	(118)
All other items (refer segment sheets)	\$M	49	13	(22)	(37)	(25)	21	(18)	(5)	2	62	23
All other items (Holdings)	\$M	(2)	(8)	(2)	(2)	(0)	(2)	(2)	(4)	(0)	(4)	(0)
Reported EBITDA (CPET+IOD+Fibers)	\$M	238	201	237	256	483	560	469	483	780	1,002	499
Reported EBITDA (Holdings)	\$M	(2)	1	3	4	(0)	(8)	9	(13)	4	8	11
Reported EBITDA IVL Consolidated	\$M	237	202	240	261	483	552	478	471	784	1,010	511
Less: Depreciation & Amortization	\$M	(156)	(164)	(161)	(174)	(165)	(164)	(171)	(179)	(167)	(186)	(185)
Less: Net Finance Costs	\$M	(68)	(53)	(59)	(59)	(60)	(51)	(53)	(52)	(53)	(61)	(73)
Add: Share of profit/(loss) from JV	\$M	0	2	1	1	1	1	2	1	1	(0)	(1)
Less: Tax (expense)/income	\$M	0	18	(6)	27	(43)	(61)	(50)	(55)	(98)	(128)	(22)
Less: Non Controlling Interests (NCI)	\$M	1	(0)	(3)	(9)	(17)	(10)	(9)	(26)	(42)	(42)	(23)
Reported Net Profits after Tax and NCI	\$M	14	5	12	47	198	267	197	159	425	593	208
Reported Net Profits after Tax and NCI	THB M	424	154	380	1,456	6,009	8,340	6,548	5,392	14,070	20,278	8,137
Reported EPS annualised	THB	0.17	(0.02)	0.14	0.90	4.15	5.81	4.53	3.71	9.89	14.31	5.66
QTD Avg ex rate	USD/THB	31.28	31.94	31.33	30.62	30.29	31.36	32.92	33.37	33.07	34.44	36.42
YTD Avg ex rate	USD/THB	31.28	31.61	31.51	31.29	30.29	30.81	31.54	32.00	33.07	33.72	34.65
Closing ex rate	USD/THB	32.67	30.89	31.66	30.04	31.34	32.05	33.92	33.42	33.30	35.30	37.91
Net Debt	\$M	6,526	6,526	6,375	6,401	6,253	6,230	6,077	6,216	5,898	6,706	6,651
Capital work in Progress	\$M	(1,510)	(1,625)	(1,601)	(1,666)	(1,671)	(1,837)	(1,827)	(1,940)	(1,102)	(1,243)	(1,227)
Net Operating Debt	\$M	5,017	4,901	4,774	4,735	4,582	4,393	4,251	4,276	4,797	5,463	5,423
Total Equity	\$M	4,397	4,380	4,372	4,515	4,670	4,914	4,949	5,117	5,723	5,999	6,054
Net Op Debt/Equity	times	1.14	1.12	1.09	1.05	0.98	0.89	0.86	0.84	0.84	0.91	0.90
Net Debt/Equity	times	1.48	1.49	1.46	1.42	1.34	1.27	1.23	1.21	1.03	1.12	1.10
Operating cashflow	\$M	340	300	354	394	201	342	290	223	548	901	279
Growth Capex	\$M	2,063	66	74	104	97	173	77	140	91	1,507	180
Maintenance Capex	\$M	134	48	44	100	44	108	96	100	60	137	80
Total Capex	\$M	2,197	114	118	203	141	281	173	240	150	1,645	260
Finance cost paid	\$M	(75)	(72)	(38)	(73)	(40)	(69)	(30)	(69)	(41)	(77)	(45)
PERP interest paid	\$M	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(5)	(5)
Dividend paid	\$M	(1)	(63)	(35)	(33)	(2)	(81)	(46)	(45)	(7)	(109)	(65)
Industry Price: Brent oil	(\$/bbl)	50	29	43	44	61	69	73	80	101	114	101
Core EBITDA IVL Consolidated	\$M	299	299	256	269	367	477	437	462	650	758	606
Core EBITDA Asia	%	30%	36%	37%	31%	30%	24%	21%	36%	30%	23%	29%
Core EBITDA EMEA	%	18%	14%	17%	19%	29%	26%	21%	13%	18%	16%	7%
Core EBITDA Americas	%	52%	47%	44%	48%	41%	51%	55%	53%	51%	60%	62%

**Operating rates excludes Oxiteno capacity and volumes because all capacity is not available for production at the same time due to the nature of operations

IVL Financials - CPET

Combined PET			1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
Integrated PET													
Annual Installed Capacity			10,949	11,292	11,313	11,346	11,191	11,078	11,355	11,333	11,454	11,148	11,508
	PET	kt	5,666	5,666	5,666	5,666	5,621	5,621	5,621	5,633	5,531	5,467	5,609
	PTA	kt	5,061	5,362	5,384	5,384	5,271	5,154	5,387	5,271	5,391	5,158	5,391
	Net PET recycling*	kt	223	263	263	297	299	303	346	429	533	523	508
Revenue		\$M	1,700	1,347	1,445	1,425	1,792	2,001	2,174	2,210	2,654	3,023	2,700
Core EBITDA		\$M	155	187	173	126	205	253	212	230	391	392	284
Core EBITDA		%	9%	14%	12%	9%	11%	13%	10%	10%	15%	13%	11%
Specialty Chemicals													
Annual Installed Capacity		kt	1,103	882	882	882	890	964	853	853	857	997	849
Revenue		\$M	249	208	205	230	249	311	288	290	338	352	323
Core EBITDA		\$M	19	14	9	30	33	46	25	19	20	12	20
Core EBITDA		%	8%	7%	4%	13%	13%	15%	9%	7%	6%	3%	6%
Packaging													
Annual Installed Capacity		kt	279	279	279	279	287	287	287	287	301	379	377
Revenue		\$M	77	74	72	79	81	95	92	85	100	133	136
Core EBITDA		\$M	18	24	18	21	22	21	21	17	24	27	22
Core EBITDA		%	23%	33%	25%	26%	27%	22%	23%	20%	24%	20%	16%
CPET Consolidated													
Annual Installed Capacity		kt	12,331	12,453	12,475	12,508	12,367	12,328	12,494	12,473	12,612	12,524	12,734
Quarter Effective Capacity		kt	3,129	3,078	3,112	3,113	3,056	3,098	3,164	3,178	3,099	3,146	3,181
Quarter Production		kt	2,484	2,406	2,814	2,468	2,726	2,678	2,687	2,643	2,749	2,667	2,660
Operating Rate		%	79%	78%	90%	79%	89%	86%	85%	83%	89%	85%	84%
Revenue		\$M	1,939	1,554	1,639	1,652	2,019	2,267	2,418	2,466	2,936	3,311	2,974
Core EBITDA		\$M	192	225	199	177	260	319	258	266	435	431	327
Core EBITDA		%	10%	15%	12%	11%	13%	14%	11%	11%	15%	13%	11%
Core ROCE		%	13%	17%	14%	11%	19%	24%	18%	18%	33%	32%	22%
Extraordinary income/(expenses) impacting EBITDA		\$M	(89)	(84)	3	20	119	84	43	5	120	187	(108)
Inventory Gain/(Loss)		\$M	(80)	(93)	4	19	118	51	47	14	118	180	(100)
Acquisition and Pre-operative Cost		\$M	(1)	(0)	(0)	(1)	(0)	(0)	(0)	(1)	(1)	2	(1)
Brazil Legal dispute		\$M											(7)
Brazil tax		\$M					30	(1)					
Gain on bargain		\$M											
Gain/(Loss) on disposal PPE		\$M				1	(0)		(0)	(0)	1	3	(1)
Impairment loss of PPE		\$M				(1)							
Impairment loss others		\$M			(0)	(0)							
Insurance income related to fixed assets		\$M	4		1	(0)	2		(0)	(0)			
Loss on disposal of subsidiary		\$M									(0)	(0)	
Loss on write-off PPE		\$M					(0)		(3)				(0)
MTM Adjustment		\$M	(9)	10	(1)	1		3		(4)	2	2	
Other items		\$M	(4)				(0)	(0)		(5)	(0)	(0)	(0)
Reported EBITDA		\$M	103	141	202	196	379	403	300	271	555	618	219

*Note: 2017-3Q21, PET recycling capacity is based on PET post consumer recycling/PET recycling input. 4Q21 onwards, PET recycling capacity is based on net capacity.

IVL Financials - IOD

IOD			1Q20R	2Q20R	3Q20R	4Q20R	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
Integrated Downstream													
Annual Installed Capacity		kt	1,157	1,157	1,157	1,157	1,161	1,161	1,161	1,161	1,230	2,206	2,206
Revenue		\$M	288	282	265	309	329	390	456	480	393	990	907
Core EBITDA		\$M	42	48	52	58	58	93	120	107	88	150	194
Core EBITDA		%	15%	17%	20%	19%	18%	24%	26%	22%	22%	15%	21%
Integrated Intermediates													
Annual Installed Capacity		kt	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,490	1,809	1,809
	MEG	kt	772	772	772	772	772	772	772	772	747	1,062	1,062
	MTBE	kt	731	731	731	731	731	731	731	731	743	743	743
Revenue		\$M	84	84	110	128	178	198	247	236	301	404	278
Core EBITDA		\$M	4	(19)	(39)	(31)	(23)	6	(0)	16	38	109	24
Core EBITDA		%	5%	-23%	-35%	-24%	-13%	3%	0%	7%	13%	27%	9%
IOD Consolidated													
Annual Installed Capacity (Int.+Downstream only)		kt	2,660	2,660	2,660	2,660	2,665	2,665	2,665	2,665	2,720	4,014	4,014
Quarter Effective Capacity (Int.+Downstream only)		kt	650	661	669	669	656	666	672	672	671	1,001	1,012
Quarter Production		kt	395	549	464	570	469	516	635	622	587	748	752
Operating Rate		%	61%	83%	69%	85%	72%	78%	95%	93%	88%	84%	83%
Revenue		\$M	373	366	375	437	507	588	703	716	695	1,393	1,185
Core EBITDA		\$M	46	29	13	27	35	99	120	123	126	259	218
Core EBITDA		%	12%	8%	3%	6%	7%	17%	17%	17%	18%	19%	18%
Core ROCE		%	1%	-4%	-5%	-4%	-2%	8.8%	11%	11%	8%	17%	14%
Extraordinary income/(expenses) impacting EBITDA		\$M	45	9	(20)	(20)	(16)	(18)	(5)	8	(3)	58	(9)
Inventory Gain/(Loss)		\$M	(14)	6	2	5	10	3	7	(0)	(3)	2	(8)
Upstream - IVOL as capital work in progress		\$M	5	5	(5)	(14)	2	(18)	(11)	(5)			
Acquisition and Pre-operative Cost		\$M	(1)		(7)	(8)							
Gain on bargain		\$M	58	(1)	(0)								
Gain/(Loss) on disposal PPE		\$M					(0)	(0)					
Hurricane - Additional repair expense		\$M				(2)	(3)	(1)	(0)		(0)	(0)	
Impairment loss of PPE		\$M			(9)	(7)	(5)	(1)	(0)	(0)	(0)	(8)	(0)
Insurance income related to fixed assets		\$M				11	5	1				64	
Lightning strike - Additional repair expense		\$M				(6)	(2)	(0)		(0)	(0)		
Loss on write-off PPE		\$M										(0)	
MTM Adjustment		\$M		(1)									(1)
Polar Vortex		\$M					(23)	(2)	(0)	13			
POMTBE Turnaround		\$M	(3)										
Other items		\$M					(0)						
Reported EBITDA		\$M	91	38	(7)	7	19	81	115	130	123	317	209

*Note: IVOL capacity is not included and P&L values are moved below EBITDA as extraordinary items including historical periods till end of 2021

**Operating rates excludes Oxiteno capacity and volumes because all capacity is not available for production at the same time due to the nature of operations

IVL Financials - Fibers

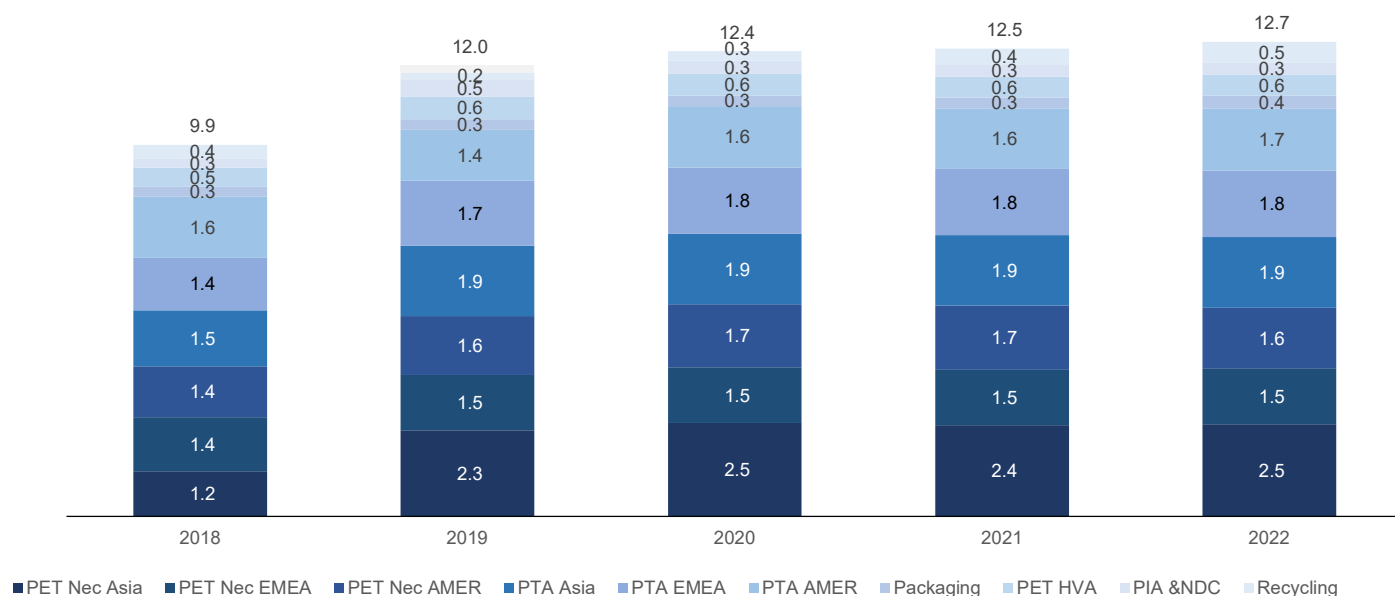
Fibers		1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
Hygiene Fibers												
Annual Installed Capacity	kt	433	433	433	433	441	441	441	441	449	459	459
Revenue	\$M	206	215	207	217	238	249	268	283	260	251	240
Core EBITDA	\$M	29	47	26	19	19	18	18	27	30	18	20
Core EBITDA	%	14%	22%	12%	9%	8%	7%	7%	9%	11%	7%	8%
Mobility Fibers												
Annual Installed Capacity	kt	333	333	333	333	331	331	331	331	320	319	320
Revenue	\$M	205	108	177	211	237	238	235	237	275	276	260
Core EBITDA	\$M	12	(9)	1	15	15	16	8	17	17	17	15
Core EBITDA	%	6%	-8%	0%	7%	7%	7%	3%	7%	6%	6%	6%
Lifestyle Fibers												
Annual Installed Capacity	kt	1,415	1,415	1,415	1,415	1,427	1,427	1,427	1,427	1,479	1,478	1,488
Revenue	\$M	357	180	287	324	406	373	408	488	510	458	449
Core EBITDA	\$M	20	(1)	13	25	37	32	23	38	38	20	14
Core EBITDA	%	6%	-1%	4%	8%	9%	8%	6%	8%	8%	4%	3%
Fibers Consolidated												
Annual Installed Capacity	kt	2,182	2,182	2,182	2,182	2,200	2,200	2,200	2,200	2,248	2,256	2,267
Quarter Effective Capacity	kt	542	542	548	548	542	548	554	554	554	563	571
Quarter Production	kt	432	284	403	446	467	418	412	448	464	418	404
Operating Rate	%	80%	52%	74%	81%	86%	76%	74%	81%	84%	74%	71%
Revenue	\$M	769	503	671	753	881	861	910	1,008	1,046	985	950
Core EBITDA	\$M	61	37	39	59	72	65	49	82	85	55	49
Core EBITDA	%	8%	7%	6%	8%	8%	8%	5%	8%	8%	6%	5%
Core ROCE	%	3%	0%	0%	3%	5%	4%	2%	7%	8%	3%	2%
Extraordinary income/(expenses) impacting EBITDA	\$M	(16)	(15)	3	(6)	13	11	4	1	18	12	22
Inventory Gain/(Loss)	\$M	(16)	(15)	3	6	13	1	6	4	18	12	(10)
Acquisition and Pre-operative Cost	\$M											(1)
Brazil tax	\$M						10	(1)	0			
Gain on bargain	\$M											
Gain/(Loss) on disposal PPE	\$M						(0)	(0)	(0)	0	(0)	4
Impairment loss of PPE	\$M				(4)				(2)			(1)
Impairment loss others	\$M			(0)								
Insurance income related to fixed assets	\$M							(0)	(0)			30
Loss on disposal of subsidiary	\$M								(0)			
Loss on write-off PPE	\$M				(4)	(0)	(0)		(0)			(0)
Severance payment for Organization restructure	\$M				(1)	(0)						(0)
Other items	\$M				(3)	(0)	(0)	(1)	(0)	(0)	(0)	
Reported EBITDA	\$M	45	22	42	53	85	76	53	82	102	67	71

History of IVL M&A

Year	Name	Acquisition Completion	Country	Products	IVL holding %	EV or Amount paid/payable (M\$)	Installed Capacity at Acquired date (KT)
2022	Filatura Tollegno	1-Jul-22	Italy and Poland	wool	100%	61	4
2022	Packaging Vietnam	21-Apr-22	Vietnam	Packaging	98%	116	51
2022	Oxiteno	1-Apr-22	Brazil,Uruguay,Mexico and USA	Integrated Oxides and Derivatives	100%	1,410	1,756
2022	UCY Polymers CZ s.r.o	18-Feb-22	Czech Republic	rPET	85%	3	16
2022 Total						1,591	1,827
2021	Step up investment in MEDCO	1-Nov-21	Egypt	Packaging	100%	18	-
2021	CarbonLite Holdings LLC	11-Jun-21	USA	rPET	100%	76	44
2021	EcoMex , Conso	19-Apr-21	Mexico	PET Recycled Flake	100%	15	49
2021 Total						110	93
2020	IMP Polowat	29-Oct-20	Poland	rPET	100%	13	23
2020	Toyobo Indorama Advanced Fibers, JV	23-Oct-20	Thailand	Polyester HVA	50%	-	11
2020	AG Resinas Ltda.	8-Jun-20	Brazil	rPET	100%	9	9
2020	PETValue Philippines Corporation	Ongoing	Philippines	rPET	70%		30
2020	Huntsman	3-Jan-20	USA, Australia and India	Integrated Oxides and Derivatives	100%	1,986	2,170
2020 Total						2,009	2,243
2019	Green Fiber International Inc.	3-Dec-19	USA	rPET	100%	24	40
2019	Sinterama S.p.A.	19-Nov-19	Italy, Brazil, China and Bulgaria	HVA Automotive Fibers	100%	68	30
2019	Bevpak (Nigeria) Limited	2-Oct-19	Nigeria	Packaging	100%	3	18
2019	Indo Rama Synthetics (India) Limited	3-Apr-19	India	Polyester Necessity	39%	124	613
2019	Invista Germany	4-Mar-19	Germany	PET	100%	30	137
2019	UTT	28-Feb-19	Germany and Mexico	HVA Automotive Fibers	80%	109	18
2019	M&G Fibras Brasil Ltda.	22-Feb-19	Brazil	Fibers & Yarns	100%	28	70
2019	Custom Polymers PET, LLC	15-Jan-19	USA	PET	100%	30	33
2019	Dhunseri, Conso	2-Jan-19	India	PET	50%	-	240
2019	Micro Pet, Conso	2-Jan-19	India	PET	50%	-	110
2019 Total						415	1,308
2018	Corpus Christi	28-Dec-18	USA	PTA, PET	33%	388	800
2018	Schoeller	23-Nov-18	Austria, Czech Republic and Germany	Worsted wool yarns	100%	43	4
2018	Medco	13-Nov-18	Egypt	Packaging	74%	93	70
2018	Kordarna	30-Oct-18	Czech R. & Slovakia	HVA Automotive Fibers	100%	81	50
2018	Step up investment in Polyprima	18-Jul-18	Indonesia	PTA	74%	192	155
2018	Sorepla	30-Jul-18	France	Recycled Flakes and Food Grade Pellets	100%	12	52
2018	Avgol	25-Jul-18	Israel, USA, China, Russia & India	HVA Hygiene Fibers	66%	601	203
2018	Dhunseri JV	14-Jun-18	Egypt	PET	50%	114	540
2018	M&G, Brazil PET	24-May-18	Brazil	PET	100%	369	550
2018 Total						1,892	2,424
2017	Artlant	29-Nov-17	Portugal	PTA	100%	50	700
2017	DuraFiber, France	5-Oct-17	France	HVA Automotive Fibers	100%	11	35
2017	DuraFiber, Mexico	29-Sep-17	Mexico	HVA Automotive Fibers	100%	27	22
2017	Glanzstoff	31-May-17	Luxembourg, Czech R., Italy & China	HVA Automotive Fibers	100%	185	36
2017	Step up investment in Trevira	5-May-17	Germany	HVA Technical Fibers	100%	-	-
2017 Total						274	793
2016	Dhunseri, JV	12-Sep-16	India	PET	50%	173	240
2016	50% divestment of Micro Pet, JV	12-Sep-16	India	PET	50%	111	110
2016	BP	31-Mar-16	North America	PX, PTA, NDC	100%	433	1,020
2016	Cepsa Spain	7-Apr-16	Spain	PIA, PTA, PET	100%	220	720
2016 Total						937	2,090
2015	Micro Pet	23-Dec-15	India (North India)	PET	100%	89	216
2015	Oxynova	23-Sep-15	Louisiana, USA	Ethylene & Propylene	90.4%	110	400
2015	Bangkok Polyester	11-May-15	Thailand	PET	99.0%	33	105
2015	Cepsa Canada	1-Jun-15	Canada	PTA	100%	241	600
2015	Performance Fibers	1-Apr-15	China	Fibers & Yarns	100%	223	41
2015	Polyplex	2-Mar-15	Turkey	PET	100%	36	252
2015 Total						733	1,614
2014	EcoMex, JV	1-Dec-14	Mexico	PET Recycled Flake	51%	7	18
2014	Artenius	2-Jun-14	Turkey	PET	100%	44	130
2014	PHP	30-Apr-14	Germany, USA & China	Fibers & Yarns	80%	125	90
2014 Total						175	238
2013	Aurus Pckg.	3-Apr-13	Nigeria	Packaging	100%	10	9
2013 Total						10	9
2012	Polypet	9-Aug-12	Indonesia	PET	100%	21	101
2012	Polyprima, JV	1-Jul-12	Indonesia	PTA	43%		215
2012	Old World	3-Apr-12	USA	EOEG	100%	811	550
2012	Beverage Plastics	24-Feb-12	Northern Ireland	Packaging	51%	(0)	22
2012	FiberVisions	6-Jan-12	USA, Denmark & China	Fibers & Yarns	100%	179	221
2012 Total						1,009	1,109
2011	Wellman	30-Nov-11	Ireland, Netherlands & France	Fibers & Yarns	100%	67	153
2011	Trevira	1-Jul-11	Germany & Poland	Fibers & Yarns	75%	30	123
2011	SK Chemicals	2-Mar-11	Indonesia & Poland	PET, Fibers & Yarns	100%	199	351
2011	Invista	1-Mar-11	USA & Mexico	PET, Fibers & Yarns	100%	426	936
2011	Guangdong	27-Jan-11	China	PET	100%	49	406
2011 Total						770	1,969
2010	Dow Chemicals, JV	1-Jul-10	Italy	PET & PTA	50%	0	173
2010	Europoort Utility	4-May-10	Netherlands	Power Plant	100%	32	-
2010 Total						33	173
2008	Tuntex	30-Sep-08	Thailand	PET, Fibers & Yarns	100%	64	391
2008	Tuntex	30-Sep-08	Thailand	PTA	100%	408	771
2008	Tuntex	30-Sep-08	Thailand	PTA	100%	253	602
2008	Eastman	31-Mar-08	Netherlands & UK	PET & PTA	100%	350	776
2008 Total						1,075	2,540
2003	Tiepet		USA	PET	100%		50
2003 Total						-	50
1997	Siam Polyester		Thailand	Fibers	100%		40
1997 Total						-	40
Grand Total						10,945	18,300

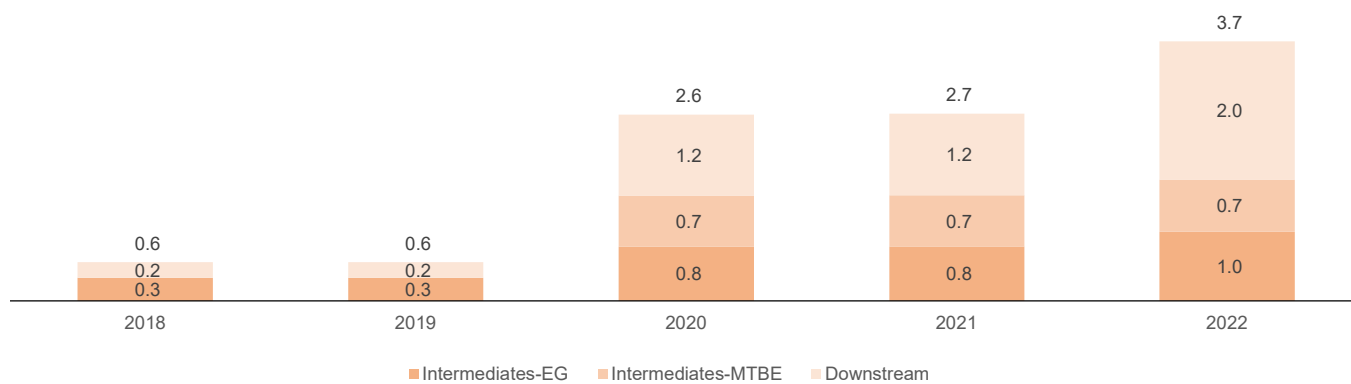
Effective Capacity

Combined PET (MMt)



Note : In 2018 recycling volume include hybrid volume of recycling and virgin. Since 2019 recycling include only capacity to produce flake.

IOD (MMt)

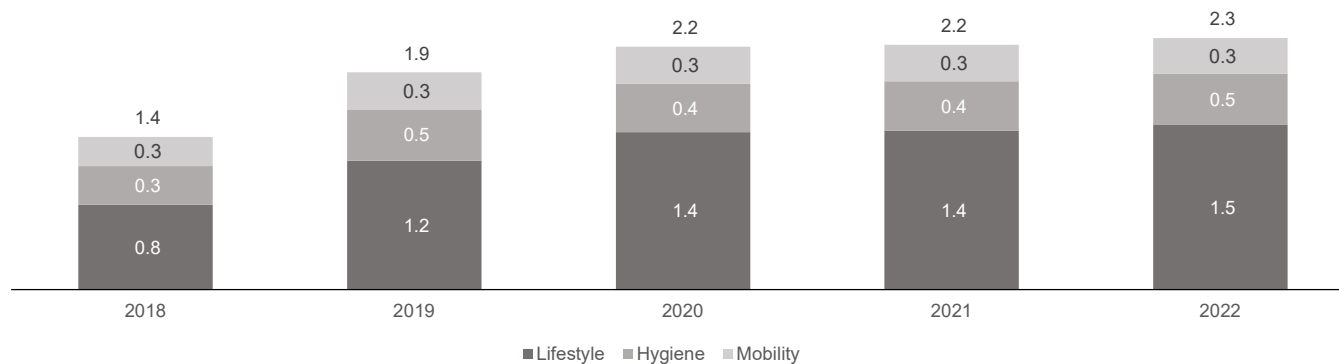


Note1 : Consider Oxiteno capacity for 9M in 2022.

Note2 : Effective capacity excluded Ethylene by 0.2MMt in 2020 and 2021 and 0.7MMt in 2022

Note3 : Effective capacity excluded Crude EO by 1.1MMt in 2020 and 2021 and 1.4MMt in 2022

Fibers (MMt)



IVL Debt Details

				Repayments of Total Long Term Loans (Next twelve months)							
				2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027 Onwards	Total	
Amt in Thai Baht (THB)		3Q22									
Long Term Loans (Projects)	M THB	158,132	56%	29,407	47,576	35,546	12,711	15,194	17,699	158,132	
Debentures	M THB	86,356	31%	7,527	3,656	15,924	11,874	9,492	37,882	86,356	
Total Long Term Loans	M THB	244,488	87%	36,934	51,231	51,470	24,585	24,686	55,581	244,488	
Fixed Portion	%	62%		15%	21%	21%	10%	10%	23%	100%	
Short Term Loans	M THB	37,760	13%								
Total Debt	M THB	282,247	100%								
Cash & Cash under management	M THB	30,140									
Net Debt	M THB	252,107									
Capex on Projects which are not operational ye	M THB	(46,522)									
Integrated PET (PET + PTA + Recycling + PX)	M THB	(25,429)									
Integrated Oxides and Derivatives	M THB	(11,718)									
Specialty Chemicals (Specialty PET, PIA, NDC)	M THB	(500)									
PACKAGING	M THB	(211)									
FIBERS	M THB	(3,404)									
Holdings	M THB	(5,260)									
Net Operating Debt	M THB	205,585									
Closing Exchange Rate	USD/THB	37.91									

				Repayments of Total Long Term Loans (Next twelve months)						
				2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027 Onwards	Total
Financials in USD (US\$)		3Q22								
Long Term Loans (Projects)	M\$	4,172	56%	776	1,255	938	335	401	467	4,172
Debentures	M\$	2,278	31%	199	96	420	313	250	999	2,278
Total Long Term Loans	M\$	6,450	87%	974	1,352	1,358	649	651	1,466	6,450
Fixed Portion	%	62%		15%	21%	21%	10%	10%	23%	100%
Short Term Loans	M\$	996	13%							
Total Debt	M\$	7,446	100%							
Cash & Cash under management	M\$	(795)								
Net Debt	M\$	6,651								
Capex on Projects which are not operational ye	M\$	(1,227)								
Integrated PET (PET + PTA + Recycling + PX)	M\$	(671)								
Integrated Oxides and Derivatives	M\$	(309)								
Specialty Chemicals (Specialty PET, PIA, NDC)	M\$	(13)								
PACKAGING	M\$	(6)								
FIBERS	M\$	(90)								
Holdings	M\$	(139)								
Net Operating Debt	M\$	5,423								

Glossary of commonly used terms

Core	=	Core financials are calculated as reported financials adjusted with net extraordinary expenses/(income) and inventory losses/(gains).
CPET	=	<p>Combined PET, which is defined as below:</p> <p>a) Integrated PET: Full PET value chain, includes</p> <ul style="list-style-type: none"> PX (Paraxylene) PTA (Purified terephthalic acid) PET (Polyethylene terephthalate) Recycling <p>b) Specialty Chemicals: Specialty PET-related chemicals (for medical, premium bottles, films and sheets), includes</p> <ul style="list-style-type: none"> PIA (Purified Isophthalic Acid, for PET production, unsaturated polyester resins and coatings) NDC (Naphthalene Dicarboxylate, for optical displays and industrial/mobility uses) <p>c) Packaging: PET preforms and packaging (e.g. bottles) for beverage and food end uses</p>
IOD	=	<p>Integrated Oxides and Derivatives, includes</p> <p>a) Integrated Downstream, which comprises of surfactants, Propylene Oxide (PO)/Propylene Glycol (PG), EOA/Linear Alkyl Benzene (LAB), Purified Ethylene Oxide (PEO), Ethylene and others</p> <p>b) Integrated Intermediates, which comprises of EG, MTBE and Ethylene</p>
Fibers	=	<p>Includes Polyester, Rayon, Nylon, Polypropylene, composites and worsted wool fibers, for 3 end-use segments:</p> <p>a) Hygiene (diapers, feminine care)</p> <p>b) Mobility (automotive parts e.g. airbags, tires, seatbelts)</p> <p>c) Lifestyle (apparel, active wear)</p>

Major Shareholders of IVL as on Aug 31, 2022

No.	Shareholders	No. of Shares	%
1	INDORAMA RESOURCES LTD. ¹	3,634,991,318	64.74
2	THAI NVDR LTD.	463,918,047	8.26
3	BANGKOK BANK PLC.	270,905,264	4.83
4	SOUTH EAST ASIA UK (TYPE C) NOMINEES LIMITED	85,598,012	1.52
5	SOCIAL SECURITY OFFICE	81,182,100	1.45
6	STATE STREET EUROPE LIMITED	54,368,498	0.97
7	SE ASIA (TYPE B) NOMINEES LLC	28,693,298	0.51
8	B-LTF	27,747,300	0.49
9	TISCO MASTER POOLED FUND	26,751,800	0.48
10	VAYU 1 BY MFC	22,363,200	0.40
11	VAYU 1 BY KTB	22,363,200	0.40
12	Other Shareholders	895,669,871	15.95
Total Shares		5,614,551,908	100.00

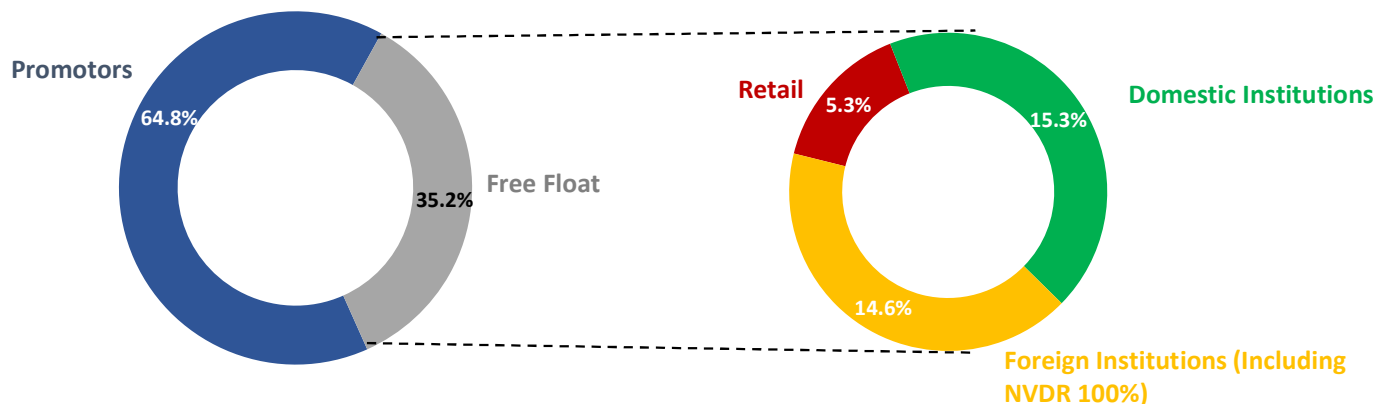
Remarks:	¹ Group of Lohia Family	No. of Shares	%
-	INDORAMA RESOURCES LTD.*	3,634,991,318	64.74
-	MR. ALOKE LOHIA**	1,000,010	0.02
-	MR. ANUJ LOHIA	10	-

*Owned by Canopus International Limited*** 99.98%

**Mr. Alope Lohia's shareholding in the Company, through his family holding in Canopus International Limited, is more than 25 times of his annual base salary.

***Mr. Alope Lohia and his immediate family jointly hold voting rights of 76% and an equity interest of 50% in Canopus, while the remaining voting rights of 24% and 50% of the equity interest of Canopus are ultimately controlled by a Trust in which Mr. Sri Prakash Lohia and his immediate family members are the discretionary beneficiaries.

Ownership Structure of IVL



The Stock Exchange of Thailand (SET) Market Insight (Aug 2022)

Number of Listed Companies at SET: 601

SET total market capitalisation = Baht 19.8T

SET daily average turnover Jan-Aug22 = ~Baht 76B

IVL daily average turnover Jan-Aug22 = ~Baht 1B

IVL daily average turnover Jan-Aug22 as % to SET = ~1.4%

IVL Foreign Shareholding limit: 100%

Source: SET website and IVL