

INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited)

Condensed consolidated interim financial statements as of June 30, 2021

INEOS QUATTRO HOLDINGS LIMITED (FORMERLY INEOS STYROLUTION HOLDING LIMITED) PRO FORMA CONSOLIDATED INCOME STATEMENT

	Three-Mont Ended Ju	
_	2021	Pro forma 2020
	(€ in mill	lions)
Revenue	3,714.6	2,244.8
Cost of sales	(2,755.2)	(1,820.8)
Gross profit	959.4	424.0
Distribution costs	(196.3)	(189.0)
Administrative expenses	(119.9)	(81.5)
Operating profit	643.2	153.5
Share of profit of joint ventures and associated undertakings	129.8	8.1
Loss on disposal of fixed assets		(0.4)
Profit before net finance costs	773.0	161.2
Finance income	2.5	6.2
Finance costs	(74.9)	(73.3)
Profit before tax	700.6	94.1
Tax charge	(122.7)	(25.4)
Profit for the period	577.9	68.7

The condensed notes on pages 9 to 26 are an integral part of these unaudited condensed consolidated interim financial statements.

The pro forma income statement for the three-month period ended June 30, 2020 has been prepared in accordance with note 1 of the condensed consolidated financial statements.

INEOS QUATTRO HOLDINGS LIMITED (FORMERLY INEOS STYROLUTION HOLDING LIMITED) PRO FORMA CONSOLIDATED INCOME STATEMENT

	Six-Month Period Ended June 30,		
_	2021	Pro forma 2020	
	(€ in mill	ions)	
Revenue	6,822.5	5,127.7	
Cost of sales	(5,116.2)	(4,287.5)	
Gross profit	1,706.3	840.2	
Distribution costs	(384.5)	(401.4)	
Administrative expenses	(229.2)	(158.0)	
Operating profit	1,092.6	280.8	
Share of profit of joint ventures and associated undertakings	166.7	17.2	
Profit/(loss) on disposal of fixed assets	4.5	(0.6)	
Profit before net finance costs	1,263.8	297.4	
Finance income	38.6	33.8	
Finance costs before exceptional items	(118.3)	(143.3)	
Exceptional finance costs	(68.9)	(16.7)	
Total finance costs	(187.2)	(160.0)	
Profit before tax	1,115.2	171.2	
Tax charge	(221.7)	(54.5)	
Profit for the period	893.5	116.7	

The condensed notes on pages 9 to 26 are an integral part of these unaudited condensed consolidated interim financial statements.

The pro forma income statement for the six-month period ended June 30, 2020 has been prepared in accordance with note 1 of the condensed consolidated financial statements.

INEOS QUATTRO HOLDINGS LIMITED (FORMERLY INEOS STYROLUTION HOLDING LIMITED) CONSOLIDATED INCOME STATEMENT

	Three-Month Period Ended June 30,		
	2021	2020	
	(€ in millio	ons)	
Revenue	3,714.6	825.4	
Cost of sales	(2,755.2)	(697.2)	
Gross profit	959.4	128.2	
Distribution costs	(196.3)	(49.8)	
Administrative expenses	(119.9)	(45.4)	
Operating profit	643.2	33.0	
Share of profit of joint ventures and associated undertakings	129.8	-	
Profit before net finance costs	773.0	33.0	
Finance income	2.5	5.9	
Finance costs	(74.9)	(16.5)	
Profit before tax	700.6	22.4	
Tax charge	(122.7)	(8.7)	
Profit for the period	577.9	13.7	
Profit/(loss) attributable to:			
- Owners of the parent	568.1	14.2	
- Non-controlling interest	9.8	(0.5)	
	577.9	13.7	

INEOS QUATTRO HOLDINGS LIMITED (FORMERLY INEOS STYROLUTION HOLDING LIMITED) CONSOLIDATED INCOME STATEMENT

	Six-Month Period Ended June 30,		
	2021	2020	
	(€ in millic	ons)	
Revenue	6,822.5	1,909.3	
Cost of sales	(5,116.2)	(1,592.7)	
Gross profit	(1,706.3)	316.6	
Distribution costs	(384.5)	(109.3)	
Administrative expenses	(229.2)	(96.0)	
Operating profit	1,092.6	111.3	
Share of profit of joint ventures and associated undertakings	166.7	-	
Profit on disposal of fixed assets	4.5	-	
Profit before net finance costs	1,263.8	111.3	
Finance income	38.6	1.8	
Finance costs before exceptional items	(118.3)	(32.9)	
Exceptional finance costs	(68.9)	-	
Total finance costs	(187.2)	(32.9)	
Profit before tax	1,115.2	80.2	
Tax charge	(221.7)	(27.5)	
Profit for the period	893.5	52.7	
Profit/(loss) attributable to:			
- Owners of the parent	874.6	53.3	
- Non-controlling interest	18.9	(0.6)	
	893.5	52.7	

INEOS QUATTRO HOLDINGS LIMITED (FORMERLY INEOS STYROLUTION HOLDING LIMITED) CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME

	Three-Month Period Ended June 30,		
	2021	2020	
	(€ in milli	ions)	
Profit for the period	577.9	13.7	
Other comprehensive income/(expense):			
Items that will not be reclassified to profit or loss:			
Remeasurement of post-employment benefit obligations net of tax	0.9	(6.9)	
Items that may subsequently be recycled to profit and loss:			
Foreign exchange translation differences of subsidiaries	(17.6)	(21.8)	
Other comprehensive income for the period net of tax	(16.7)	(28.7)	
Total comprehensive income/(expense) for the period	561.2	(15.0)	
Total comprehensive income/(expense) attributable to:			
- Owners of the parent	551.6	(14.2)	
- Non-controlling interest	9.6	(0.8)	
Total comprehensive income/(expense) for the period	561.2	(15.0)	

	Six-Mont Ended J	
	2021	2020
	(€ in m	illions)
Profit for the period	893.5	52.7
Other comprehensive income/(expense):		
Items that will not be reclassified to profit or loss:		
Remeasurement of post-employment benefit obligations net of tax Items that may subsequently be recycled to profit and loss:	36.7	-
Foreign exchange translation differences of subsidiaries	90.3	(27.9)
Other comprehensive income for the period net of tax	127.0	(27.9)
Total comprehensive income for the period	1,020.5	24.8
Total comprehensive income/(expense) attributable to:		
- Owners of the parent	999.0	26.3
- Non-controlling interest	21.5	(1.5)
Total comprehensive income for the period	1,020.5	24.8

INEOS QUATTRO HOLDINGS LIMITED (FORMERLY INEOS STYROLUTION HOLDING LIMITED) CONSOLIDATED BALANCE SHEET

	June 30, 2021	December 31, 2020
-	(€ in mi	
Non-current assets		
Property, plant and equipment	4,725.7	4,533.2
Intangible assets	2,251.3	2,279.7
Investments in equity-accounted investees	1,307.7	1,163.3
Other investments	18.0	17.3
Other financial assets	2.0	2.0
Other receivables	50.2	62.0
Employee benefits	46.6	33.0
Deferred tax assets	173.4	207.4
Total non-current assets	8,574.9	8,297.9
Current assets		
Inventories	1,264.2	908.4
Trade and other receivables	2,177.5	1,564.3
Tax receivables for current tax	24.7	35.8
Other financial assets	0.5	-
Cash and cash equivalents	943.1	805.6
Total current assets	4,410.0	3,314.1
Total assets	12,984.9	11,612.0
=	12,000	11,01210
Equity Share capital	0.3	0.3
Share premium reserve	0.5	6,620.4
Merger reserve	(4,526.9)	(4,526.9)
Retained earnings		(4,320.3)
-	7,204.1 99.0	(25.4)
Other reserves		
Equity attributable to owners of the Company	2,776.5	2,671.9
Non-controlling interest	92.8	71.3
Total equity	2,869.3	2,743.2
Non-current liabilities	< 20 7 7	2 020 7
Interest-bearing loans and borrowings	6,397.7	2,829.7
Lease liabilities	241.3	234.4
Trade and other payables	138.8 247.3	130.5 298.9
Employee benefits Provisions	247.3 95.4	298.9 94.5
Deferred tax liabilities	373.8	419.8
Total non-current liabilities	7,494.3	
Current liabilities	7,494.3	4,007.8
	101.2	2 001 6
Interest-bearing loans and borrowings Lease liabilities	101.2 77.3	2,881.6 77.9
Trade and other payables	2,219.0	1,769.7
Tax liabilities for current tax	184.1	88.8
Derivative financial instruments	18.3	13.0
Provisions	21.4	30.0
Total current liabilities	2,621.3	4,861.0
Total liabilities	10,115.6	8,868.8
—		
Total equity and liabilities	12,984.9	11,612.0

INEOS QUATTRO HOLDINGS LIMITED (FORMERLY INEOS STYROLUTION HOLDING LIMITED) CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

	Share capital	Share premium reserve	Merger reserve	Retained earnings (€ ii	Other <u>reserves</u> n millions,	Equity attributable to owners of the <u>Company</u>	Non- controlling interest	Total equity
Balance at December 31, 2020	0.3	6,620.4	(4,526.9)	603.5	(25.4)	2,671.9	71.3	2,743.2
Profit for the period	-	-	-	874.6	-	874.6	18.9	893.5
Other comprehensive income: Remeasurement of post-employment benefit obligations, net of tax Foreign exchange translation differences of subsidiaries	-	-	-	-	36.7 <u>87.7</u>	36.7	2.6	36.7 90.3
Total other comprehensive income Transactions with owners, recorded directly in equity:					124.4	124.4	2.6	127.0
Reduction of share premium	-	(6,620.4)		6,620.4	-	-	-	-
Dividends				(894.4)		(894.4)		(894.4)
Transactions with owners, recorded directly in equity		(6,620.4)		5,726.0		(894.4)		(894.4)
Balance at June 30, 2021	0.3		(4,526.9)	7,204.1	99.0	2,776.5	92.8	2,869.3

	Share capital	Share premium reserve	Merger reserve	Retained earnings (€ in	Other reserves n millions	Equity attributable to owners of the Company	Non- controlling interest	Total equity
Balance at December 31, 2019	0.3	2,389.7	(1,281.2)	769.3	95.6	1,973.7	16.1	1,989.8
Profit for the period	-	-	-	53.3	-	53.3	(0.6)	52.7
Other comprehensive expense: Foreign exchange translation differences of subsidiaries					(27.0)	(27.0)	(0.9)	(27.9)
Total other comprehensive expense Transactions with owners, recorded directly in equity:					(27.0)	(27.0)	(0.9)	(27.9)
Dividends				(359.7)		(359.7)		(359.7)
Transactions with owners, recorded directly in equity		<u> </u>	<u> </u>	(359.7)	<u> </u>	(359.7)	<u> </u>	(359.7)
Balance at June 30, 2020	0.3	2,389.7	(1,281.2)	462.9	68.6	1,640.3	14.6	1,654.9

INEOS QUATTRO HOLDINGS LIMITED (FORMERLY INEOS STYROLUTION HOLDING LIMITED) CONSOLIDATED STATEMENT OF CASH FLOWS

	Six-Month Period Ended June 30,		
	2021	2020	
	(€ in millio	ns)	
Cash flows from operating activities			
Profit for the period	893.5	52.7	
Adjustments for:			
Depreciation and impairment	264.4	88.5	
Amortization	60.1	31.3	
Net finance costs	148.6	31.1	
Share of profit of joint ventures and associated undertakings	(166.7)	-	
Profit on disposal of property, plant and equipment	(4.5)	-	
Tax charge	221.7	27.5	
(Increase)/decrease in trade and other receivables	(587.4)	83.1	
(Increase)/decrease in inventories	(332.2)	113.5	
Increase/(decrease) in trade and other payables	403.8	(155.9)	
(Decrease)/increase in provisions and employee benefits	(33.2) (130.6)	1.2 (30.7)	
Tax paid			
Net cash from operating activities	737.5	242.3	
Cash flows from investing activities	2.0	1.4	
Interest and other finance income received	2.9	1.4	
Repayment of loans made to related parties	3.9	-	
Dividends received from joint ventures	54.3	-	
Dividends received from other investments	2.5	-	
Proceeds from sale of investments	-	0.3	
Proceeds from disposal of property, plant and equipment	4.3	-	
Acquisition of businesses, net of cash acquired	(1.1)	(361.8)	
Acquisition of other investments	(0.2)	-	
Acquisition of intangible assets	(1.6)	(0.2)	
Acquisition of property, plant and equipment	(297.8)	(171.7)	
Net cash used in investing activities	(232.8)	(532.0)	
Cash flows from financing activities			
Proceeds from external borrowings	4,832.5	982.0	
Repayment of external borrowings	(4,126.1)	(198.3)	
Debt issue costs	(68.6)	(13.1)	
Interest paid	(81.3)	(14.3)	
Capital element of lease payments	(46.0)	(11.3)	
Dividends paid attributable to the owners of the Company	(894.4)	(359.7)	
Net cash (used in)/from financing activities	(383.9)	385.3	
Net increase in cash and cash equivalents	120.8	95.6	
Cash and cash equivalents at January 1	805.6	289.7	
Effect of exchange rate fluctuations on cash held	16.7	(5.2)	
Cash and cash equivalents at June 30	943.1	380.1	

1. BASIS OF PREPARATION

INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited) ("the Company") is a private company, limited by shares, incorporated in the United Kingdom, registered in England and Wales, and has its registered office at Bankes Lane Office, Bankes Lane, PO Box 9, Runcorn, Cheshire, United Kingdom, WA7 4JE.

The Company was incorporated on December 18, 2015, as a subsidiary of INEOS Industries Holdings Limited.

The condensed consolidated financial statements include INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited) and all its subsidiaries (together referred to as the "Group"). Intra-group transactions and balances have been eliminated on consolidation. The financial and operating results for any period less than a year are not necessarily indicative of the results that may be expected for a full year. The Group does not experience any significant seasonality in its operating results.

These condensed consolidated financial statements have been prepared on the historical cost basis, except for certain assets and liabilities that have been measured at fair value principally derivative financial instruments and the assets and liabilities of the Group's defined benefit pension schemes measured at fair value and using the projected unit credit method respectively.

These condensed consolidated financial statements are presented in euro. The functional currency of the Company and its subsidiaries is determined in line with IAS 21 and is consistent with the financial statements for the year ended December 31, 2020.

The significant judgements and key sources of estimation uncertainty applicable to the preparation of the condensed consolidated financial statements are the same as those described within the Group's audited financial statements for the year ended December 31, 2020. In each case, judgements have been applied consistently and estimates made using a consistent methodology, with inputs and assumptions updated to reflect the Group's latest forecasts and prevailing market conditions at the balance sheet date as appropriate.

The accompanying condensed consolidated interim financial statements of the Group are unaudited.

In early March 2020, the Group developed contingency plans for the COVID-19 pandemic, with the primary objectives of maintaining the safety of personnel and the reliable operation of the Group's plants. This resulted in a number of changes to standard working practices and shift patterns to reduce personnel on site to those defined as operationally critical in order to adhere to social distancing rules in line with local government advice. Any safety critical activity was formally risk assessed to take cognizance of additional controls necessary to protect core personnel from COVID-19, hence safeguarding safety critical work at all times.

The chemical industry is deemed as essential, critical infrastructure by governments across the world. Throughout the pandemic all of the Group's plants have continued to operate fully and supply chains have operated without significant disruption. Protecting employees and ensuring that they remain healthy has been the first priority of the Group. All plants have sufficient resources and have implemented measures to ensure that this remains the case throughout the pandemic.

Whilst there is uncertainty due to the COVID-19 crisis the Directors have undertaken a rigorous assessment of the potential impact of COVID-19 on demand for its products and services and the impact on margins for the next 12 months. In addition, the Directors have implemented a series of programmes to preserve cash including the review of timing of turnarounds, reductions in the levels of non-essential capital expenditure and reductions in non-essential fixed cost expenditure. On the basis of this assessment together with a strong balance sheet and access to liquidity, the Directors have concluded that it is appropriate to prepare these unaudited condensed consolidated financial statements on a going concern basis.

On December 31, 2020, pursuant to an acquisition agreement dated June 29, 2020 between INEOS Holdings AG and BP, certain subsidiaries of the Group agreed to purchase the Aromatics and Acetyls businesses from certain subsidiaries of BP. On the same date, the Group acquired 94.9% of the shares of INOVYN Limited, pursuant to a contribution agreement dated July 24, 2020. The INEOS Quattro group of companies was formed from this date, headed by the Company and including the Styrolution business.

1. BASIS OF PREPARATION (continued)

The only trading and other activity within the Group prior December 31, 2020 related solely to the Styrolution business, and did not include the INOVYN, Acetyls and Aromatics businesses prior to this date. Accordingly, the pro forma information for the three- and six-month periods ended June 30, 2020 has been prepared using a combination of the INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited) condensed consolidated income statement for the three- and six-month periods ended June 30, 2020 included elsewhere in this document, and the condensed consolidated income statement for the three- and six-month periods ended June 30, 2020 included elsewhere in this document, and the statement for the condensed consolidated income statement information for the Acetyls business and the Aromatics business for the three- and six-month periods ended June 30, 2020 as prepared by BP.

The unaudited pro forma combined income statement for the three- and six-month periods ended June 30, 2020 has been prepared assuming the transactions occurred on January 1, 2020.

The following adjustments have been made in deriving the pro forma income statement for the three- and six-month periods ended June 30, 2020:

- Elimination of inter-company transactions between the Styrolution business, the INOVYN business, the Aromatics business and the Acetyls business.
- The accounting policies adopted by the INEOS Quattro group and BP differ in relation to the accounting for turnaround costs. Adjustments have been made to make the Aromatics and Acetyls businesses consistent with the accounting policies of INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited) which are described in the Group's audited financial statements for the year ended December 31, 2020.
- A pro forma adjustment has been made to reflect an increase in finance costs as a result of the financing transactions that occurred in 2020 and on January 29, 2021.
- Pro forma adjustment to recognise the tax effect on the above adjustments, based on a blended tax rate of INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited), INEOS Limited and the Acetyls and Aromatics businesses.

The pro forma combined income statement for the three- and six-month periods ended June 30, 2021 is the same as the condensed combined consolidated income statements of INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited) for the three-month period ended June 30, 2021.

The pro forma financial information does not give effect to the potential impact of current financial conditions, regulatory matters, operating efficiencies or other savings or expenses that may be associated with the integration of the INEOS Quattro group.

2. PRINCIPAL ACCOUNTING POLICIES

The financial information has been prepared and approved by the directors in accordance with IAS 34 "Interim financial reporting" as adopted by the European Union in response to the IAS regulation (EC 1606/2002) effective from January 1, 2021. In compliance with IAS 34, the Company has opted for a condensed scope of reporting in the condensed interim financial statements compared with the consolidated annual financial statements.

The accounting policies adopted in the preparation of the condensed consolidated interim financial statements are consistent with those followed in the preparation of the Group's audited consolidated annual report and accounts for the year ended December 31, 2020, except for the adoption of new standards, interpretations and amendments effective as of January 1, 2021. The adoption of new standards, interpretations and amendments in the current year has not had a material impact. The Group has not early adopted any other standard, interpretation or amendment that has been issued but is not yet effective at June 30, 2021.

3 SEGMENTAL INFORMATION

Revenue and EBITDA before exceptionals are key measures used by the chief operating decision makers of the Group to assess the performance of the Business segments.

The Group divides its operations into four segments:

- *Styrolution*, consisting of a portfolio of styrene monomer, polystyrene and acrylonitrile butadiene styrene ("ABS") and a number of other styrene derivatives under the category of "Specialties" such as ABS specialty and copolymers.
- *INOVYN*, consisting of general purpose and specialty suspension PVC, emulsion PVC, caustic soda, caustic potash, chlorine and chlorine by-products, brine and water, salt, hydrochloric acid, chlorinated paraffins, chlorinated solvents, allylics and epichlorohydrin.
- *Acetyls*, consisting of a variety of organic compounds, including acetic acid, acetic anhydride, methanol, ethyl acetate and vinyl acetate.
- *Aromatics*, consisting of a variety of aromatic chemical compounds, including paraxylene, purified terephthalic acid, benzene and metaxylene.

The revenue and EBITDA before exceptionals attributable to each business segment is as follows:

_	Three-Month Period Ended June 30,		Six-Month Period Ended June 30,		
	2021	2020	2021	2020	
	$(\in in millions)$				
Revenue					
Styrolution	1,590.3	825.4	2,885.6	1,909.3	
INOVYN	1,028.3	-	1,893.9	-	
Acetyls	285.7	-	509.6	-	
Aromatics	829.4	-	1,570.1	-	
Eliminations	(19.1)	-	(36.7)	-	
—	3,714.6	825.4	6,822.5	1,909.3	

_	Three-Month Period Ended June 30,		Six-Month Period Ended June 30,			
	2021	2020	2021	2020		
	$(\in in millions)$					
EBITDA before exceptionals		x	,			
Styrolution	392.3	93.0	708.7	231.1		
INOVYN	300.0	-	506.7	-		
Acetyls	185.0	-	242.7	-		
Aromatics	59.8	-	125.7	-		
—	937.1	93.0	1,583.8	231.1		

EBITDA before exceptionals for the three- and six-month period ended June 30, 2021 is stated having taken into account fair value adjustments in relation to the BP acquired businesses of $\notin(5.0)$ million and $\notin(28.5)$ million respectively. Of this adjustment, $\notin(7.9)$ million and $\notin(15.8)$ million relates to additional depreciation and amortisation charges for the three- and six-month period ended June 30, 2021 respectively that arise as a result of the fair value of the assets in investments in joint ventures being uplifted. There will be similar, ongoing additional charges for subsequent quarters, but it should be noted that these additional charges do not impact the ability of the joint ventures to distribute dividends to shareholders. In addition, there are other adjustments of $\notin 2.9$ million and $\notin(12.8)$ million for the three- and six-month period ended June 30, 2021 respectively most of which relates to an uplift in the acquired value of finished goods inventory, that have the effect of reducing the reported EBITDA. This adjustment is non-recurring in nature and will not impact future results.

Reconciliation of earnings before operating exceptional items, interest, taxation, impairment, depreciation and amortisation and after the share of profit/loss of associated undertakings and joint ventures using the equity accounting method ("EBITDA before exceptionals") to operating profit:

3 SEGMENTAL INFORMATION (continued)

_	Three-Month Period Ended June 30,		Six-Month Period Ended June 30,			
	2021	2020 2021	2020 2021 20		2020 2021 2	
		(€ in millions)				
EBITDA before exceptionals	937.1	93.0	1,583.8	231.1		
Depreciation and amortisation	(164.1)	(60.0)	(324.5)	(119.8)		
Share of profit of joint ventures and associated undertakings	(129.8)	-	(166.7)	-		
	643.2	33.0	1,092.6	111.3		

EBITDA before exceptionals is used to measure performance as management believes that such information is the most relevant in evaluating the results of certain segments relative to other entities that operate within these industries.

4. NET FINANCE COSTS

	Three-Month Period Ended June 30,		Six-Month Ended Ju		
	2021	2020	2021	2020	
		(€ in mili	lions)		
Finance income					
Interest on bank and other short term deposit	0.5	-	0.9	-	
Interest receivable from associated undertakings	0.6	-	1.1	-	
Net fair gain on derivatives	-	5.4	-	-	
Exchange movements	-	-	34.8	-	
Other finance income	1.4	0.5	1.8	1.8	
Total finance income	2.5	5.9	38.6	1.8	
Finance costs excluding exceptional items					
Interest payable on Term Loans	(31.6)	(9.0)	(56.4)	(16.8)	
Interest payable on Bridge Facilities	-	(>)	(8.3)	(10.0)	
Interest payable on Senior Secured Notes and Senior			(010)		
Notes	(17.4)	-	(30.0)	-	
Interest payable on securitization facility	(0.8)	-	(1.7)	-	
Interest payable on revolving credit facility	(0.5)	-	(1.1)	-	
Interest payable to related parties	(0.5)	-	(0.9)	-	
Amortization of debt issue costs	(3.6)	(0.5)	(6.3)	(2.0)	
Interest payable on leases	(3.2)	(1.8)	(5.9)	(3.6)	
Net fair value loss on derivatives	(7.4)	-	(4.8)	(1.6)	
Exchange movements	(8.9)	(4.8)	-	(8.0)	
Other finance charges	(0.5)	-	(1.8)	-	
Interest on employee benefits	(0.5)	(0.4)	(1.1)	(0.9)	
Total finance costs excluding exceptional items	(74.9)	(16.5)	(118.3)	(32.9)	
Exceptional finance costs					
Debt issue costs	-	-	(52.6)	-	
Related party finance charge			(16.3)	-	
Total exceptional finance costs	<u> </u>	<u> </u>	(68.9)	-	
Net finance costs	(72.4)	(10.6)	(148.6)	(31.1)	

The exchange movements reflect net foreign exchange gains or losses associated with short term intra-group funding.

4. NET FINANCE COSTS (continued)

Exceptional finance costs

Exceptional finance costs of \notin 52.6 million relate to the write off of unamortized debt issue costs associated with the Five-Year Euro Term Loan A Facility, the Euro Bridge Facility, the Dollar Bridge Facility and the INOVYN Senior Secured Term Loan B Facility that were repaid on January 29, 2021. In addition, there was a finance charge of \notin 16.3 million from a related party in respect of funding provided for the BP acquisition.

5. TAXATION

Taxes on income in the interim periods are accrued using the tax rate that would be applicable to the expected total annual profit or loss. The effective tax rate of approximately 19.9% for the three-months of 2021 (2020: 34.3%) reflects the anticipated tax rate for the Group for the full year.

6. PROPERTY, PLANT AND EQUIPMENT

In the six-month period ended June 30, 2021, the Group acquired €297.8 million (six-month period ended June 30, 2020: €171.7 million) of property, plant and equipment.

In the Styrolution business, investments in property, plant and equipment in the first half of 2021 mainly included the a newly built ESPN plant in the USA, the conversion of a Polystyrene line to a mass ABS line in Wingles, France, a new ASA Specialties plant in Houston, and a new ABS facility in China.

In INOVYN, the largest investments were the SPVC plant in Jemeppe, Belgium, the capacity of which has been increased by 200 kilo tonnes, and a brine borehole drilling programme at Northwich, U.K. Other investments included turnarounds at Tavaux, France, Jemeppe, Belgium and Runcorn, United Kingdom and a new office complex at Runcorn, United Kingdom.

In the Acetyls business, the major capital expenditure projects included an A4 Acid Plant turnaround in Hull, United Kingdom, which includes the turnaround, reformer tube replacement, boiler and turbine replacements. In the Aromatics business, the Merak site completed a turnaround and there was an implementation of the Cakra Donya project in the first half of 2021.

Investments in property, plant and equipment in the first six months of 2020 mainly related to the new ASA Specialties plant in Houston, USA and the conversion of a Polystyrene line to mass ABS line in France.

7. INVENTORIES

	June 30, 2021	December 31, 2020
	(€ in n	nillions)
Raw materials and consumables	513.0	380.6
Work in progress	187.6	124.5
Finished products	563.6	403.3
	1,264.2	908.4

8. INTEREST BEARING LOANS AND BORROWINGS

Borrowing obligations as of June 30, 2021 and December 31, 2020 are as follows:

	June 30, 2021	December 31, 2020
	(ϵ in millions)	
Non-current liabilities		
Senior Secured Notes	1,220.0	-
Senior Notes	500.0	-
Term Loan B Facilities	3,180.0	-
Three-Year Term Loan A Facilities	118.8	175.3
Five-Year Term Loan A Facilities	176.4	350.7
Styrolution Term Loan B Facilities	616.1	611.6
Styrolution Senior Secured Notes	600.0	600.0
INOVYN Senior Secured Term Loan B Facility	-	1,064.3
Loan from related party	38.9	38.0
Other loans	4.6	8.7
Gross borrowings	6,454.8	2,848.6
Less: unamortised finance costs	(57.1)	(18.9)
Net borrowings	6,397.7	2,829.7
Current liabilities		
Bridge Facilities	-	2,861.9
Styrolution Dollar Term Loan B facilities	1.7	1.6
Three-Year Term Loan A Facilities	103.9	58.5
External bank loan	8.7	8.4
Gross borrowings	114.3	2,930.4
Less: unamortised finance costs	(13.1)	(48.8)
Net borrowings	101.2	2,881.6

Gross debt and issue costs	June 30, 2021		
	Gross loans and borrowings	Issue costs	Net loans and borrowings
		(ϵ in millions)	
Senior Secured Notes	1,220.0	(13.8)	1,206.2
Senior Notes	500.0	(5.7)	494.3
Term Loan B Facilities	3,180.0	(37.1)	3,142.9
Three-Year Term Loan A Facilities	222.7	(3.5)	219.2
Five-Year Term Loan A Facilities	176.4	(1.9)	174.5
Styrolution Term Loan B Facilities	617.8	(4.1)	613.7
Styrolution Senior Secured Notes	600.0	(4.1)	595.9
Loan from related party	38.9	-	38.9
Other loans	13.3		13.3
	6,569.1	(70.2)	6,498.9

8. INTEREST BEARING LOANS AND BORROWINGS (continued)

Gross debt and issue costs	December 31, 2020		
	Gross loans and borrowings	Issue costs	Net loans and borrowings
	0	(ϵ in millions)	
Bridge Facilities	2,861.9	(45.0)	2,816.9
Three-Year Term Loan A Facilities	233.8	(4.2)	229.6
Five-Year Term Loan A Facilities	350.7	(3.9)	346.8
Styrolution Term Loan B facilities	613.2	(4.5)	608.7
Styrolution Senior Secured Notes	600.0	(4.4)	595.6
INOVYN Senior Secured Term Loan B Facility	1,064.3	(5.6)	1,058.7
Securitisation facilities	-	(0.1)	(0.1)
Loan from related party	38.0	-	38.0
Other loans	17.1	-	17.1
	5,779.0	(67.7)	5,711.3

Terms and debt repayment schedule

	Currency	Nominal interest rate	Year of <u>maturity</u>
Euro Senior Secured Notes	€	2.50%	2026
Dollar Senior Secured Notes	\$	3.375%	2026
Euro Senior Notes	€	3.75%	2026
Dollar Term Loan B Facility	\$	LIBOR (floor of 0.5%) + 1.75%	2026
Euro Term Loan B Facility	€	EURIBOR (floor of 0.0%) + 2.75%	2026
Three-Year Dollar Term Loan A Facility	\$	LIBOR (floor of 0.0%) + 2.00%	2023
Five-Year Dollar Term Loan A Facility	\$	LIBOR (floor of 0.0%) + 2.50%	2025
Three-Year Euro Term Loan A Facility	€	EURIBOR (floor of 0.0%) + 3.00%	2023
Styrolution Euro Term Loan B Facilities	€	EURIBOR (floor of 0.5%) + 2.00%	2027
Styrolution Dollar Term Loan B Facilities	\$	LIBOR (floor 0.0%) + 2.00%	2027
Styrolution Senior Secured Notes	€	2.25%	2027
Securitisation facilities	\$/€/£	Variable	2024

Summary

To facilitate the financing of the BP Acquisition, the Group entered into a \$400.0 million Deposit Facility made available to INEOS Quattro Financing Limited (formerly INEOS Styrolution Financing Limited) pursuant to a credit agreement dated June 29, 2020. The full \$400.0 million (\notin 361.8 million equivalent) available under the Deposit Facility was drawn on the same date, which was used to pay the purchase price deposit payable upon the signing of the BP Acquisition Agreement.

On July 31, 2020, the Group's subsidiaries, INEOS Quattro Holdings UK Limited (formerly INEOS 226 Limited) and INEOS US Petrochem LLC, entered into a \$2,450.0 million and €870.0 million Bridge Credit Agreement with a number of lenders (the "Bridge Facility").

On July 31, 2020, the Group's subsidiaries, INEOS Quattro Holdings UK Limited (formerly INEOS 226 Limited) entered into a Term Loan A Agreement and INEOS Quattro Financing Limited (formerly INEOS Styrolution Financing Limited) entered into a Revolving Credit Agreement.

On December 31, 2020, \$2,450.0 million (\notin 2,050.6 million equivalent) and \notin 870.0 million was drawn under the Bridge Facility. In addition, the following was drawn under the Term Loan A Facilities on the same day:

- \$140.0 million under a dollar Term Loan A facility (the "Three-Year Dollar Term Loan A Facility") (€117.2 million equivalent);
- \$210.0 million under a dollar Term Loan A facility (the "Five Year Dollar Term Loan A Facility") (€175.8 million equivalent);
- €120.0 million under the euro Term Loan A facility (the "Three-Year Euro Term Loan A Facility"); and
- €180.0 million under the euro Term Loan A facility (the "Five Year Euro Term Loan A Facility").

8. INTEREST BEARING LOANS AND BORROWINGS (continued)

Summary (continued)

The Group also received \$1,000.0 million contribution by the Company's immediate parent undertaking (the "Equity Bridge Contribution"). The proceeds of the Bridge Facility, the Term Loan A Facilities and the Equity Bridge Contribution were used to (i) pay the purchase price consideration for the BP Acquisition and certain fees and expenses and (ii) repay the amounts outstanding under the Deposit Facility. The Revolving Credit Facility of \$300.0 million remained undrawn as at June 30, 2021.

On January 29, 2021, the Group issued $\notin 800.0$ million $2\frac{1}{2}\%$ Euro Senior Secured Notes due 2026, \$500.0 million ($\notin 406.5$ million equivalent) $3\frac{3}{8}\%$ Dollar Senior Secured Notes due 2026 and $\notin 500.0$ million $3\frac{3}{4}\%$ Euro Senior Notes due 2026. In addition, the Group entered into a new Dollar Term Loan B Facility of \$2,000.0 million ($\notin 1,626.0$ million equivalent) and a new Euro Term Loan B Facility of $\notin 1,500.0$ million. The gross proceeds received under these borrowings were used to (i) repay the amounts outstanding under the Bridge Facility, the Five-Year Euro Term Loan A Facility, the Senior Secured Term Loan B Facility that was acquired with the INOVYN business and repay the Equity Bridge Contribution in the form of a dividend to the Company's shareholder and (ii) to pay certain fees and expenses related to these transactions.

Senior Secured Notes

On January 29, 2021, INEOS Quattro Finance 2 Plc, a subsidiary undertaking, issued €800.0 million aggregate principal amount 2½% Senior Secured Notes due 2026 (the "Euro Senior Secured Notes") and \$500.0 million aggregate principal amount 3¾% Senior Secured Notes due 2026 (the "Dollar Senior Secured Notes") under an indenture dated January 29, 2021, among INEOS Quattro Finance 2 Plc as the issuer, various guarantors named therein and HSBC Corporate Trustee Company (UK) limited, as trustee and Barclays Bank PLC, as security agent. On April 29, 2021, HSBC Corporate Trust Company (UK) Limited succeeded Barclays Bank PLC as security agent.

The Senior Secured Notes are listed on the Euro MTF - Luxembourg stock exchange. The Euro Senior Secured Notes bear interest at a rate of 2½% per annum. The Dollar Senior Secured Notes bear interest at a rate of 3¾% per annum. Interest on the Euro Senior Secured Notes and the Dollar Senior Secured Notes is payable semi-annually in arrears on January 15 and July 15 pf each year, beginning July 15, 2021. The Euro Senior Secured Notes and the Dollar Senior Secured Notes will mature on January 15, 2026.

The Euro Senior Secured Notes and the USD Senior Secured Notes are jointly and severally guaranteed on a senior secured basis by certain of the Group's subsidiaries. The Euro Senior Secured Notes and the Dollar Senior Secured Notes and the related guarantees are secured by first priority liens (subject to certain exceptions) on the same assets that secure the obligations under the Credit Facility Agreements, the Styrolution Senior Secured Notes, and certain hedging obligations and cash management arrangements.

At any time prior to January 15, 2023, INEOS Quattro Finance 2 Plc may redeem all or part of the Euro Senior Secured Notes at a redemption price equal to 100% of the principal amounts of the Euro Senior Secured Notes redeemed plus the greater of (1) 1.0% of the principal amount of such Euro Senior Secured Notes; and (2) the excess of (a) the present value at such redemption date of the redemption price of such Euro Senior Secured Notes at January 15, 2023, plus all required interest payments that would otherwise be due to be paid on such Euro Senior Secured Notes during the period between the redemption date an January 15, 2023, excluding accrued but unpaid interest, computed using a discount rate equal to the Bund rate at such redemption date plus 50 basis points, over (b) the principal amount of such Euro Senior Secured Notes.

The Euro Senior Secured Notes are subject to redemption at any time on or after January 15, 2023, at the option of INEOS Quattro Finance 2 Plc, in whole or in part, at the following redemption prices (expressed as percentages of the aggregate principal amount), if redeemed during the twelve-month period beginning on January 15 of the year indicated below:

Year	Euro Senior Secured Notes Redemption Price
2023	101.250%
2024	100.625%
2025 and thereafter	100.000%

together with certain additional amounts, if applicable, and accrued and unpaid interest, if any, to the redemption date (subject to the rights of holders of record on relevant record dates to receive interest due on an interest payment date).

8. INTEREST BEARING LOANS AND BORROWINGS (continued)

Senior Secured Notes (continued)

At any time prior to January 15, 2023, INEOS Quattro Finance 2 Plc may redeem all or part of the Dollar Senior Secured Notes at a redemption price equal to 100% of the principal amounts of the Dollar Senior Secured Notes redeemed plus the greater of (1) 1.0% of the principal amount of such Dollar Senior Secured Notes; and (2) the excess of (a) the present value at such redemption date of the redemption price of such Dollar Senior Secured Notes at January 15, 2023, plus all required interest payments that would otherwise be due to be paid on such Dollar Senior Secured Notes during the period between the redemption date an January 15, 2023, excluding accrued but unpaid interest, computed using a discount rate equal to the Treasury rate at such redemption date plus 50 basis points, over (b) the principal amount of such Dollar Senior Secured Notes.

The Dollar Senior Secured Notes are subject to redemption at any time on or after January 15, 2023, at the option of INEOS Quattro Finance 2 Plc, in whole or in part, at the following redemption prices (expressed as percentages of the aggregate principal amount), if redeemed during the twelve-month period beginning on January 15 of the year indicated below:

	Dollar Senior Secured Notes
Year	Redemption Price
2023	101.6875% 100.84375%
2025 and thereafter	100.000%

together with certain additional amounts, if applicable, and accrued and unpaid interest, if any, to the redemption date (subject to the rights of holders of record on relevant record dates to receive interest due on an interest payment date).

The Euro Senior Secured Notes and the Dollar Senior Secured Notes contain a number of operating and financial covenants including limitations on indebtedness, restricted payments, transactions with affiliates, liens, sale of assets and dividend payments.

Senior Notes

On January 29, 2021, INEOS Quattro Finance 1 Plc issued €500.0 million aggregate principal amount 3³/₄% Senior Notes due 2026 (the "Euro Senior Notes") under an indenture data January 29, 2021, among INEOS Quattro Finance 1 Plc, as the issuer, HSBC Corporate Trustee Company (UK) Limited, as trustee, and Barclays Bank PLC as security agent. On April 29, 2021, HSBC Corporate Trustee Company (UK) Limited succeeded Barclays Banks PLC as security agent.

The Senior Notes are listed on the Euro MTF - Luxembourg stock exchange. The Euro Senior notes bear interest at a rate of 3³/₄% per annum. Interest on the Senior Notes is payable semi-annually in arrears on January 15 and July 15 of each year, beginning July 15, 2021. The Euro Senior Notes will mature on July 15, 2026.

The Euro Senior Notes are jointly and severally guaranteed on a senior subordinated basis by the guarantors (other than the parent, which guarantees the Euro Senior Notes on a senior basis). The Euro Senior Notes and the related guarantees are secured by second-ranking security interests (subject to certain exemptions) over the shares of the capital stock of the Company and the loan made by INEOS Quattro Finance 2 Plc to the Company of the proceeds of the Senior Notes. These security interests rank behind the security interests granted over those assets in favor of the creditors of certain other indebtedness, including under the Styrolution Senior Secured Notes, the Euro Senior Secured Notes and the Credit Facility Agreements.

At any time prior to January 15, 2023, INEOS Quattro Finance 1 Plc may redeem all or part of the Euro Senior Secured Notes at a redemption price equal to 100% of the principal amounts of the Euro Senior Notes redeemed plus the greater of (1) 1.0% of the principal amount of such Euro Senior Notes; and (2) the excess of (a) the present value at such redemption date of the redemption price of such Euro Senior Notes at January 15, 2023, plus all required interest payments that would otherwise be due to be paid on such Euro Senior Notes during the period between the redemption date an January 15, 2023, excluding accrued but unpaid interest, computed using a discount rate equal to the Bund rate at such redemption date plus 50 basis points, over (b) the principal amount of such Euro Senior Notes.

8. INTEREST BEARING LOANS AND BORROWINGS (continued)

Senior Notes (continued)

The Euro Senior Notes are subject to redemption at any time on or after January 15, 2023, at the option of INEOS Quattro Finance 1 Plc, in whole or in part, at the following redemption prices (expressed as percentages of the aggregate principal amount), if redeemed during the twelve-month period beginning on January 15 of the year indicated below:

	Euro Senior
	Notes
	Redemption
Year	Price
2023	101.875%
2024	100.9375%
2025 and thereafter	100.000%

together with certain additional amounts, if applicable, and accrued and unpaid interest, if any, to the redemption date (subject to the rights of holders of record on relevant record dates to receive interest due on an interest payment date).

At any time prior to January 15, 2023, INEOS Quattro Finance 1 Plc, at its option, may redeem up to 40% of the initial aggregate principal amount of the sum of the initial aggregate principal amount of the Euro Senior Notes originally issued on January 29, 2021 with the net cash proceeds of certain public equity offerings at 103.750% of the aggregate principal amount of the Euro Senior Notes plus certain additional amounts, if applicable, and accrued and unpaid interest, if any, to, but not including, the redemption date, if at least 50% of the sum of the originally issued aggregate principal amount of the Euro Senior Notes remains outstanding.

The Euro Senior Notes contain a number of operating and financial covenants including limitations on indebtedness, restricted payments, transactions with affiliates, liens, sale of assets and dividend payments.

Bridge Facility

On July 31, 2020, the Group's subsidiaries, INEOS Quattro Holdings UK Limited (formerly INEOS 226 Limited) and INEOS US Petrochem LLC, entered into a \$2,450.0 million and €870.0 million bridge credit facility (the "Bridge Facility") and all amounts were drawn on December 31, 2020.

The Bridge Facility and the existing capital market debt shared the same security package. The newly acquired businesses of INOVYN, Acetyls and Aromatics were subsequently brought into this security package. In addition, per the Bridge Credit Agreement, the Group had to adhere to certain affirmative and negative covenants.

The Bridge Facility bore interest on drawn amounts and was calculated as follows: EURIBOR (for the Euro portion) and LIBOR (for the US dollar portion) plus a margin of 3.25% for the period 1 to 90 days after closing of the Bridge

Credit Agreement, margin of 3.50% for the period 91 to 180 days after closing and 3.75% for 181 to 270 days after closing.

The Bridge Facility was repaid and terminated on January 29, 2021.

Term Loan A Facilities, Term Loan B Facilities and Revolving Credit facility

On July 31, 2020, the Group' subsidiaries, INEOS Quattro Holdings UK Limited (formerly INEOS 226 Limited) and INEOS Quattro Financing Limited (formerly INEOS Styrolution Financing Limited), entered into a Term Loan and Revolving Credit Agreement with Barclays Bank plc, Citigroup Global Markets Limited and J.P. Morgan Securities plc, as joint global coordinators, joint bookrunners and joint lead arrangers along with a consortium of other banks.

The Term Loan and Revolving Credit Facility Agreement provides:

- (i) Term loans maturing in 2023 to INEOS Quattro Holdings UK Limited (formerly INEOS 226 Limited) denominated in dollars and denominated in euro, in aggregate principal amount of \$140.0 million (the "Three-Year Dollar Term Loan A Facility") and €120.0 million (the "Three-Year Euro Term Loan A Facility"), respectively ;
- (ii) Term loans maturing in 2025 to INEOS Quattro Holdings UK Limited (formerly INEOS 226 Limited) denominated in dollars and denominated in euro, in an aggregate principal amount of \$210.0 million (the "Five Year Dollar Term Loan A Facility") and €180.0 million (the "Five Year Euro Term Loan A Facility"), respectively;
- (iii) A revolving credit facility maturing in 2023 to INEOS Quattro Holdings UK Limited (formerly INEOS 226 Limited) and any other borrowers as may be designated from time to time under the Term Loan and Revolving Credit Agreement, available in dollars and euro, in an aggregate amount of \$300.0 million; and

8. INTEREST BEARING LOANS AND BORROWINGS (continued)

Term Loan A facilities, Term Loan B facilities and Revolving Credit facility (continued)

(iv) Term loans maturing in 2026 to INEOS US Petrochem LLC and INEOS Quattro Holdings UK Limited (formerly INEOS 226 Limited) denominated in dollars (the "Dollar Term Loan B Facility") and to INEOS Quattro Holdings UK Limited (formerly INEOS 226 Limited) denominated in euro (the "Euro Term loan B Facility"), in an aggregate principal amount of \$2,000.0 million and €1,500.0 million, respectively.

As at June 30, 2021, \$131.25 million was drawn under the Three-Year Dollar Term Loan A Facility (\notin 110.2 million equivalent); \$210.0 million was drawn under the Five Year Dollar Term Loan A Facility (\notin 176.4 million equivalent); \notin 112.5 million was drawn under the Three-Year Euro Term Loan A Facility; \$2,000.0 million was drawn under the Dollar Term Loan B Facility (\notin 1,680.0 million equivalent); and \notin 1,500.0 million was drawn under the Euro Term Loan B Facility. As at June 30, 2021, the Revolving Credit Facility was undrawn. The \notin 180.0 million outstanding principal amount of the Five-Year Euro Term Loan A Facility was repaid on January 29, 2021.

Interest

The Term Loans that are denominated in dollars and any revolving credit facility drawings denominated in dollars bear interest at a rate per annum equal to LIBOR divided by 100% minus the LIBOR Reserve percentage (as defined in the Term Loan and Revolving Credit Facility Agreement) (subject to a floor of 0% per annum or in the case of the Dollar Term Loan B Facility, a floor of 0.50% per annum) plus 2.00% for the Three-year Dollar Term Loan A Facility and the revolving credit facility drawings denominated in dollars, 2.50% for the Five-Year Dollar Term Loan A Facility, and 1.75% for the Dollar Term Loan B Facility.

The Term Loans that are denominated in euros and any revolving credit facility drawings denominated in euro bear interest at a rate per annum equal to EURIBOR (subject to a floor of 0% per annum) plus 3.00% for the Three-Year Euro Term Loan A Facility, 3.5% for the Five-Year Term Loan A Facility and 2.75% for the Euro Term Loan B Facility.

There is also a commitment fee payable on the daily unused amount of the commitments under the Revolving Credit Facility.

Security and Guarantees

The obligations under the Term Loans and the Revolving Credit Facility are jointly and severally guaranteed on a senior basis by the certain of the Group's subsidiaries.

Covenants

The Term Loan and Revolving Credit Agreement contains a number of operating and financial covenants including limitations on indebtedness, restricted payments, transactions with affiliates, liens, sale of assets and dividend payments.

The Term Loan and Revolving Credit Facility Agreement contains a financial covenant based on a maximum Consolidated Total Net Leverage Ratio (as defined in the Term Loan and Revolving Credit Facility Agreement).

Repayment

The Five-Year Dollar Term Loan A Facility are to be repaid in quarterly instalments beginning on 30 September 2023, in aggregate principal amounts equal to certain fixed percentages of the original aggregate principal amount. The balance of the Five-Year Term Loan A Facilities are payable, subject to certain exceptions, on July 31, 2025.

The Three-Year Term Loan A Facilities are to be repaid in quarterly instalments beginning on June 30, 2021, in aggregate principal amounts equal to certain fixed percentages of the original aggregate principal amount. The balance of the Three-Year Term Loan A Facilities are payable, subject to certain exceptions, on July 31, 2023.

The Dollar Term Loan B Facility are to be repaid in quarterly installments beginning on September 30, 2021, in aggregate principal amounts equal to 0.25% of the original aggregate principal amount of the Dollar Term Loan B Facility. The Euro Term Loan B Facility and the balance of the Dollar Term Loan B Facility are payable, subject to certain exemptions, on January 15, 2026.

Any drawings under the Revolving Credit Facility are payable, subject to certain exceptions, on July 31, 2023.

8. INTEREST BEARING LOANS AND BORROWINGS (continued)

Styrolution Term Loan B facilities

On November 7, 2014, INEOS Styrolution Group GmbH and INEOS Styrolution US Holding LLC entered into a Credit Agreement with Barclays Bank PLC as Administrative Agent and Security Agent (the "Term Loan B Facilities Agreement"). Subsequently, the Credit Agreement was extended and amended multiple times, the last extension was executed on November 22, 2017.

On January 31, 2020, the Group successfully completed an amend-and-extend transaction of the existing term loans increasing the principal amount of the Styrolution Euro Term Loan B borrowings to €450.0 million and the Styrolution Dollar Term Loan B borrowings remained at \$202.3 million.

The new Term Loan B Facilities Agreement provides terms loans to INEOS Styrolution US Holding LLC denominated in dollars (the "Styrolution Dollar Term Loan B") and to INEOS Styrolution Group GmbH denominated in euros (the "Styrolution Euro Term Loan B") in aggregate principal amount of \$202.3 million and €450.0 million, respectively. The Term Loans were made in a single drawing on January 31, 2020. As at June 30, 2021, €450.0 million remained drawn under the new Styrolution Euro Term Loan B and \$199.7 million (€167.8 million equivalent) remained drawn under the new Styrolution Dollar Term Loan B.

Interest

From January 31, 2020, the new Dollar Term Loans bear interest at a rate per annum equal to LIBOR divided by 100% minus the LIBOR Reserve Percentage (as defined in the Term Loan B Facilities Agreement) (subject to a floor of 0% per annum) plus:

- in the case of new Dollar Term Loans bearing interest at a rate determined by reference to LIBOR, 2.00%;
- in the case of new Dollar Term Loans bearing interest at a rate determined by reference to Alternate Base Rate, 1.00%; and

From January 31, 2020, the new Euro Term Loans bear interest at a rate per annum equal to EURIBOR (subject to a floor of 0.50% per annum) plus 2.00%.

Security and guarantees

The obligations under the Term Loans and the Revolving Credit Facility are jointly and severally guaranteed on a senior basis by the certain of the Group's subsidiaries.

Covenants

The Term Loan B facilities contains a number of operating and financial covenants including limitations on indebtedness, restricted payments, transactions with affiliates, liens, sale of assets and dividend payments.

The Term Loan B facilities do not contain any financial maintenance covenants.

Repayment

Up until January 31, 2020, the maturity date for both the Dollar Term Loans and the Euro Term Loans was March 30, 2024. From January 31, 2020, the new Dollar Term Loans are to be repaid in equal instalments, in aggregate annual amounts equal to 1% of the original principal amount of the new Dollar Term Loans. The new Euro Term Loans and the balance of the new Dollar Term Loans are payable on January 31, 2027.

Styrolution Senior Secured Notes

On January 31, 2020, INEOS Styrolution Group GmbH issued €600.0 million aggregate principal amount 2¼% Senior Secured Notes due 2027 (the "Styrolution Senior Secured Notes"). The Styrolution Senior Secured Notes are listed on the Euro MTF - Luxembourg stock exchange and bear interest at 2¼% per annum, payable semi-annually in arrears on January 15 and July 15 of each year, beginning July 15, 2020. Unless previously redeemed as noted below, the Styrolution Senior Secured Notes will be repaid by the Group at their principal amount on January 16, 2027.

At any time prior to January 15, 2023, INEOS Styrolution Group GmbH may redeem all or part of the Styrolution Senior Secured Notes at a redemption price equal to 100% of the principal amount of the Styrolution Senior Secured Notes; and (2) the excess of (a) the present value at such redemption date of the redemption price of such Styrolution Senior Secured Notes at January 15, 2023, plus all required interest payments that would otherwise be due to be paid on such Styrolution Senior Secured Notes during the period between the redemption date and January 15, 2023, excluding accrued but unpaid interest, computed using a discount rate equal to the Bund rate at such redemption date plus 50 basis points, over (b) the principal amount of such Styrolution Senior Secured Notes.

8. INTEREST BEARING LOANS AND BORROWINGS (continued)

Styrolution Senior Secured Notes (continued)

Year	2027 Senior Secured Notes Redemption Price
2022	101.1250%
2023	100.5625%
2024 and thereafter	100.0000%

The Styrolution Senior Secured Notes are subject to redemption at any time on or after January 15, 2023 in whole or in part, at the following redemption prices (expressed as percentages of the aggregate principal amount), if redeemed during the twelve-month period beginning on January 15 of the year indicated below:

together with certain additional amounts, if applicable, and accrued and unpaid interest, if any, to the redemption date (subject to the rights of holders of record on relevant record dates to receive interest due on an interest payment date).

At any time prior to January 15, 2023, INEOS Styrolution Group GmbH may redeem up to 40% of the initial aggregate principal amount of the sum of the initial aggregate principal amount of the Styrolution Senior Secured Notes originally issued on January 31, 2020 with the net cash proceeds of certain public equity offerings at 102.250% of the aggregate principal amount of the Styrolution Senior Secured Notes, and accrued and unpaid interest, if any, to, but not including, the redemption date, if at least 60% of the issued aggregate principal amount of the Styrolution Senior Secured Notes remains outstanding.

The Styrolution Senior Secured Notes are jointly and severally guaranteed on a senior secured basis by INEOS Styrolution Group GmbH and certain of its subsidiaries. They are secured by first priority liens (subject to certain exceptions) on the same assets that secured the obligations under the Styrolution Term Loan B facilities, the Term loan and Revolving Credit Facility Agreement and certain hedging obligations and cash management arrangements.

The Styrolution Senior Secured notes contain a number of operating and financial covenants including limitations on indebtedness, restricted payments, transactions with affiliates, liens, sale of assets and dividend payments.

INOVYN Senior Secured Term Loan B facility

On May 13, 2016, INOVYN Finance plc entered into a Credit Agreement with, inter alia, J.P. Morgan Europe Limited as Administrative Agent, The Bank of New York Mellon, London Branch as Security Agent and J.P. Morgan Limited as Global Coordinator.

Under the terms of this Credit Agreement, INOVYN Finance plc fully drew down on May 13, 2016 the Initial Tranche B Euro Term Commitment of €535.0 million in the form of Senior Secured Term Loans (the "Senior Secured Term Loans").

The interest rate payable on the INOVYN Senior Secured Term Loan B facility is EUIBOR (with a floor of 0.50%) plus a margin of 2.00%, payable in arrears on the last day of each interest period, or every three months for interest periods greater than three months.

The maturity date was March 9, 2027 and a single payment of the full amount was due on this date.

The obligations under the INOVYN Senior Secured Term Loan B facility are guaranteed by INOVYN Limited and certain of its subsidiaries on a senior secured basis. The Credit Agreement contains a number of operating and financial covenants including limitations on indebtedness, restricted payments, transactions with affiliates, liens, sale of assets and dividend payments. The INOVYN Senior Secured Term Loan B facility was maintenance covenant free.

On January 29, 2021, the aggregate principal amount of Term Loan B outstanding of €1,064.3 million plus accrued interest was repaid in full using the proceeds from the refinancing on January 29, 2021.

8. INTEREST BEARING LOANS AND BORROWINGS (continued)

Securitisation facilities

INEOS Styrolution Group GmbH and certain other Styrolution business' companies are party to a trade receivables securitisation programme (the "Styrolution Securitisation Programme") with HSBC Bank PLC and Landesbank Hessen-Thüringen (Helaba) who act as lenders, liquidity providers and programme agents. The maximum amount available under the Styrolution Securitisation Programme is \notin 450.0 million, subject to a borrowing limit that is adjusted periodically based on the amount of eligible trade receivables at that time. The Styrolution Securitisation Programme matures on July 10, 2021. For drawn amounts, the Styrolution Securitisation Programme bears interest at a rate equal to the cost to the lenders of issuing Commercial Paper plus a margin of 0.89% except that if any lending is funded other than by issuing Commercial Paper then the applicable interest rate is EURIBOR / LIBOR plus 0.89%. For undrawn amounts, the Styrolution Securitisation Programme bears interest of 0.5%. The facility is secured on certain of the Styrolution business' trade receivables.

INOVYN Group Treasury Limited and certain other INOVYN business' companies are party to a trade receivables securitisation programme (the "INOVYN Securitisation Programme") with Barclays Bank PLC, ING Belgium N.V. and HSBC Bank PLC who act as lenders, liquidity providers and programme agents. The maximum amount available under the INOVYN Securitisation Programme is €240.0 million subject to a borrowing limit that is adjusted periodically based on the amount of eligible trade receivables at that time. The INOVYN Securitisation Programme matured on June 30, 2021. For drawn amounts, the INOVYN Securitisation Programme facility bears interest at a rate equal to the cost to the lenders of issuing Commercial Paper plus a margin of 1.1%, except that if any lending is funded other than by issuing Commercial Paper then the applicable interest rate is EURIBOR / LIBOR plus 1.1%. For undrawn amounts, the facility bears interest of 0.5%. The facility is secured on certain of the INOVYN business' trade receivables.

On June 28, 2021, the Group renegotiated its historic trade receivables securitisation programme that was in the Styrolution business. A further three banks have joined the programme, with the total number of lending banks now at 5. The maximum amount available under the securitisation programme will increase from \notin 450.0 million to \notin 600.0 million as soon as three new selling entities from the Aromatics and Acetyls business join the programme. The facility now matures on June 28, 2024. For drawn amounts, the revised facility bears interest at a rate equal to the cost to the lenders of issuing Commercial Paper plus a margin of 0.95% (previously the margin was between 0.80% and 0.95%). For undrawn amounts, the facility bears interest of 0.5%.

On June 28, 2021, the Group renegotiated its INOVYN Securitisation Programme. The maximum amount available under the securitisation programme remained the same at \notin 240.0 million. The facility now matures on June 30, 2024. The interest rates were also reduced and, for drawn amounts, the revised facility bears interest at a rate equal to the cost to the lenders of issuing Commercial Paper plus a margin of 0.95% (previously the margin was 1.1%), except that if any lending is funded other than by issuing Commercial Paper then the applicable interest rate is SONIA/SOFR plus 0.95% (previously the margin was 1.1%). For undrawn amounts, the facility bears interest of 0.5%.

Other facilities

The Group acquired an external bank loan with the acquisition of the Aromatics business of \notin 17.2 million. This is a loan between INEOS Zhuhai Chemical Company Ltd (formerly BP Zhuhai Chemical Company Ltd) and the Bank of China Zhuhai branch. Repayments are made every six months, with the final repayment due on August 27, 2022. The loan bears interest at Chinese LPR +0.25%. The loan is secured by the minority shareholders, Zhuhai Port Co. Ltd. As at June 30, 2021, this external bank loan was \notin 13.0 million.

The Group has several short-term credit facilities with different local banks to fund working capital requirements up to a total aggregate amount of \notin 407.7 million equivalent as of June 30, 2021, in China, India, Mexico, Singapore, South Korea, Thailand, and United Kingdom. As of June 30, 2021, the drawn amount under working capital facilities amounted to \notin 13.0 million equivalent, and there was \notin 394.7 million equivalent available under such facilities.

The Group also has letter of credit facilities in China, India, Mexico, Singapore, South Korea, Thailand, and United Kingdom. As of June 30, 2021, the drawn amount under all letter of credit facilities was \notin 16.9 million equivalent. The letters of credit are generally secured by current assets. The facilities also provide for a limited number of other financial services, such as bank guarantees and FX hedging lines. The facilities, which are at an agreed margin or the state bank advance rate, contain customary covenants and representations as well as termination events.

9. FINANCIAL INSTRUMENTS

The carrying amount is a reasonable approximation of fair value of trade receivables and payables.

The financial assets/liabilities categorised as Fair Value through Profit and Loss (FVTPL) presented in Level 2 and Level 3 contains foreign currency derivatives and commodity derivatives.

The table below analyses financial instruments carried at fair value, by valuation method. The different levels, determined in accordance with IFRS 13 "Fair Value Measurement", have been defined as follows:

- Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities;
- Level 2: inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices); and
- Level 3: inputs for the asset or liability that are not based on observable market data (unobservable inputs).

			Level				Level	
	Fair value	1	2	3	Fair value	1	2	3
		June 3	30, 2021]	Decembe	r 31, 2020	
				(€ in m	illions)			
Financial assets held at fair value through profit or loss:								
Derivative commodity contracts . Financial liabilities held for trading at fair value through profit and loss:	0.5	-	0.5	-	-	-	-	-
Derivative commodity contracts .	(18.3)		(18.3)		(13.0)		(11.5)	(1.5)
Total financial assets and liabilities held at fair value	17.8		(17.8)		(13.0)		(11.5)	(1.5)

The commodity derivatives are fair valued using rates in a quoted market. There have been no transfers between levels during the three-month period ended June 30, 2021 (2020: no transfers between levels).

Credit risk

Credit risk is the risk of financial loss to the Group if a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Group's receivables from customers, deposits with financial institutions and derivatives.

Group Treasury policy and objectives in relation to credit risk is to minimize the likelihood that the Group will experience financial loss due to counterparty failure. The Group has established a credit policy under which each new customer is analyzed individually for creditworthiness before the Group's standard payment and delivery terms and conditions are offered or are adjusted accordingly. The Group's review includes external ratings, when available, and in some cases bank references. Purchase limits are established for each customer, which represent the maximum open amount without requiring approval. Customers that fail to meet the Group's benchmark creditworthiness may transact with the Group only on a prepayment basis.

Liquidity risk

Liquidity risk is the risk that the Group will not be able to meet its financial obligations as they fall due. The Group's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under normal and stressed conditions, without incurring unacceptable losses or risking damage to the Group. The Group's exposure to liquidity risk is limited by the fact that it operates with significant cash resources, and it maintains the most appropriate mix of short and long-term borrowings from the Group's lenders.

The Group is reliant on committed funding from a variety of sources at Group and subsidiary company level to meet the anticipated needs of the Group for the period covered by the Group's budget.

9. FINANCIAL INSTRUMENTS (continued)

Liquidity risk (continued)

The Group forecasts on a regular basis the expected cash flows that will occur on a weekly and monthly basis. This information is used in conjunction with the weekly reporting of actual cash balances at bank in order to calculate the level of funding that will be required in the short and medium term. On a monthly basis the level of headroom on existing facilities is reported and forecast forward until the end of the financial period.

Currency risk

The Group operates internationally and is exposed to foreign exchange risk arising from various currency exposures, primarily with respect to the US Dollar, Sterling, Norwegian Krone and Swedish Krona. Foreign exchange risk arises from future commercial transactions and recognised assets and liabilities.

A substantial portion of the Group's revenue is generated in, or linked to, Sterling, US dollars and the Euro. Product prices, certain feedstock costs and most other operating costs are denominated in US dollar, Sterling, Euro, Norwegian krone and Swedish krona. In the US petrochemical and specialty chemical businesses, product prices, raw materials costs and most other costs are primarily denominated in US dollars.

The Group has established a currency risk policy under which material currency flows are analysed and if management considers it needed the risks are mitigated. The Group looks at transactional and translation currency risks.

10. CONTINGENCIES

The Group is subject to various proceedings instituted by governmental authorities arising under the provisions of applicable laws or regulations relating to the discharge of materials into the environment or otherwise relating to the protection of the environment. In management's opinion, none of the proceedings is material to the financial condition or results of operation of the Group.

11. RELATED PARTIES

Related parties comprise:

- Parent entities and their subsidiaries not included within the INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited) group;
- Entities controlled by the shareholders of INEOS Limited, the ultimate parent company of INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited);
- Key management personnel;
- Jointly controlled entities and associated undertakings held by INEOS Limited (and their subsidiaries); and
- Jointly controlled entities and associated undertakings held within the INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited) group.

Mr JA Ratcliffe, Mr AC Currie and Mr J Reece are shareholders in INEOS Limited.

11. RELATED PARTIES (continued)

Parent entities and their subsidiaries not included within the INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited) group

Material trading and non-trading transactions by the Group with the entities controlled by INEOS Limited are as follows:

	Six-month period ended June 30, 2021		Six-month period ended June 30, 2020	
	Transaction value	Balance outstanding	Transaction value	Balance outstanding
	$(\epsilon in millions)$			
Sale of products	146.4	-	27.8	-
Purchase of raw materials	568.5	-	119.2	-
Cost recoveries	40.0	-	3.0	-
Services received	64.0	-	21.5	-
Trade and other receivables	-	61.4	-	2.2
Trade and other payables	-	(169.5)	-	(29.9)
Interest-bearing loans and borrowings	-	(38.9)	-	-

Included within services above is a management fee paid to INEOS Limited of $\notin 28.0$ million (June 30, 2020: $\notin 2.8$ million). No amounts remained outstanding at the period-end (June 30, 2020: $\notin nil$).

In general, all outstanding balances with INEOS companies are priced based on contractual arrangements and are to be settled in cash within two months of the reporting date, with the exception of the interest-bearing loans and borrowings. None of the balances are secured. The transactions were made on terms equivalent to those that prevail in arm's length transactions. There were no provisions for doubtful debt related to INEOS companies as at June 30, 2021 (June 30, 2020: €nil).

Entities controlled by the shareholders of INEOS Limited

The shareholders of INEOS Limited own a controlling interest in the share capital of INEOS Limited and Screencondor Limited. During the six-month period ended June 30, 2021, the Group made no sales or purchases with these companies (June 30, 2020: \in nil). As at June 30, 2021, amounts owed by Screencondor Limited were \in 1.2 million (June 30, 2020: \in nil).

Jointly controlled entities and associated undertakings held within the INEOS Limited group and jointly controlled entities and associated undertakings held within the INEOS Quattro Holdings Limited (formerly INEOS Styrolution Holding Limited) group.

Material trading and non-trading transactions with these entities during the period were as follows:

	Six-month period ended June 30, 2021		Six-month period ended June 30, 2020	
	Transaction value	Balance outstanding	Transaction value	Balance outstanding
	$(\in in millions)$			
Sale of products	43.1	-	-	-
Purchase of raw materials	189.3	-	-	-
Cost recoveries	64.8	-	-	-
Services received	1.9	-	-	-
Trade and other receivables	-	37.5	-	-
Loans receivable	-	53.8	-	-
Trade and other payables	-	(79.0)	-	-

11. RELATED PARTIES (continued)

In general, all outstanding balances with these related parties are priced based on contractual arrangements and are to be settled in cash within two months of the reporting date with the exception of the interest-bearing loans and borrowings. None of the balances are secured. The transactions were made on terms equivalent to those that prevail in arm's length transactions. There were no provisions for doubtful debt related to INEOS companies as at June 30, 2021 (June 30, 2020: \notin nil).

FORWARD-LOOKING STATEMENTS

The Company includes "forward-looking statements," within the meaning of the US securities laws, based on our current expectations and projections about future events, including:

- Our high degree of leverage and significant debt service obligations as well as future cash flow and earnings;
- Our sales growth across our principal businesses and our strategy for controlling costs, growing margins, increasing manufacturing capacity and production levels and making capital expenditures;
- Raw material costs or supply arrangements;
- Our technological and manufacturing assets and our ability to utilize them to further increase sales and the profitability of our businesses;
- Our ability to retain existing customers and obtain new customers;
- Our ability to develop new products and technologies successfully;
- The cyclical and highly competitive nature of our businesses;
- Risks related to environmental costs, liabilities or claims; and
- Currency fluctuations.

All statements other than statements of historical facts included in this report including, without limitation, statements regarding our future financial position, risks and uncertainties related to our business and the notes, strategy, capital expenditures, projected costs and our plans and objectives for future operations, may be deemed to be forward-looking statements. These forward-looking statements are subject to a number of risks and uncertainties. Words such as "believe," "expect," "anticipate," "may," "intend," "will," "should," "estimate" and similar expressions or the negatives of these expressions are intended to identify forward-looking statements. In addition, from time to time we or our representatives, acting in respect of information provided by us, have made or may make forward-looking statements orally or in writing and these forward-looking statements may be included in but are not limited to press releases (including on our website), reports to our security holders and other communications. Although we believe that the expectations reflected in such forward-looking statements are reasonable, we can give no assurance that such expectations will prove to be correct. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

The following discussion is based upon the unaudited pro forma consolidated historical financial statements of Quattro prepared in accordance with IFRS. The following discussion contains forward-looking statements that reflect our plans, estimates and beliefs. Our actual results could differ materially from those discussed in these forward-looking statements.

Overview

Combined Business

We are a leading global petrochemicals producer, marketer and merchant. Our business operates approximately 49 manufacturing sites in 19 countries in the Americas, Europe and Asia. We have a strong global footprint and leading market positions with respect to our key products. Our business benefits from cost advantages as a result of operating large scale, highly integrated facilities strategically located near major transportation routes and customer locations.

Results of Operations

Consolidated

The following table sets forth, for the periods indicated, our revenue and expenses and such amounts as a percentage of revenue on a pro forma combined basis as described in the Basis of Preparation.

	Three-Month Period Ended June 30,			
	2021		Pro forma 2020	
	(ϵ in millions)	%	(ϵ in millions)	%
Revenue	3,714.6	100.0	2,244.8	100.0
Cost of sales	(2,755.2)	(74.2)	(1,820.8)	(81.1)
Gross profit	959.4	25.8	424.0	18.9
Distribution costs	(196.3)	(5.3)	(189.0)	(8.5)
Administrative expenses	(119.9)	(3.2)	(81.5)	(3.6)
Operating profit	643.2	17.3	153.5	6.8
Share of profit of joint ventures and associated undertakings	129.8	3.5	8.1	0.4
Loss on disposal of fixed assets		-	(0.4)	-
Profit before net finance costs	773.0	20.8	161.2	7.2
Net finance costs	(72.4)	(1.9)	(67.1)	(3.0)
Profit before tax	700.6	18.9	94.1	4.2
Tax charge	(122.7)	(3.3)	(25.4)	(1.1)
Profit for the period	577.9	15.6	68.7	3.1

Three-month period ended June 30, 2021, compared with three-month period ended June 30, 2020

Consolidated

Revenue. Revenue increased by $\notin 1,469.8$ million, or 65.5%, to $\notin 3,714.6$ million in the three-month period ended June 30, 2021 from $\notin 2,244.8$ million in the three-month period ended June 30, 2020.

In the Styrolution business, revenue increased due to strong trading conditions in the second quarter of 2021, as the second quarter of 2020 was impacted by the COVID-19 pandemic, particularly in the polymers business. Polymers demand in the second quarter of 2021 was strong, mainly in Asia and Europe. This limited polymer imports from Asia into other regions and led to top of cycle trading conditions across the globe. Revenue also increased due to price increases, as supply issues caused by winter storm Uri in the first quarter meant the styrene and polymer prices peaked in all regions.

The INOVYN business also saw higher revenue, mainly due to worldwide tightness in the PVC market. In both the US and Europe, supply was constrained by planned and unplanned maintenance, ensuring demand continued to exceed available supply. Volumes of general purpose PVC sold slightly increased compared to the second quarter of 2020, however there were significant price increases. In addition, a greater proportion of sales were made into European markets which further increased average sales prices. Global demand of specialty vinyls also increased, with additional volumes sold at higher average sales prices. Caustic soda volumes also increased but average prices were lower than the second quarter of 2020.

Acetyls revenues were higher in the three-month period ended June 30, 2021. Demand in the same period in 2020 was impacted significantly by the pandemic across Asia, Europe and the USA. Demand improved in the second quarter of 2021 in all three regions and this was combined with continued supply interruptions, particularly in China where competitors faced unplanned shutdowns. Sales volumes dropped slightly, so revenue improvement was generated by significant price increases due to the recovering demand and the tight market supply in 2021.

In the Aromatics business, revenue increased in the three-month period ended June 30, 2021, compared to the same period in 2020 which was impacted by the COVID-19 pandemic. US and European volumes were impacted significantly in 2020 due to lockdowns and closures of non-essential businesses. Crude oil and product prices faltered in 2020 due to the lack of gasoline demand, which led to lower prices globally for all products. In 2021, both demand and prices have recovered. Underlying demand for polyester and other products is strong, bolstered by restocking across the supply chain in the US and Europe. Crude oil prices have increased, which has driven all product prices up.

Cost of sales. Cost of sales increased by €934.4 million, or 51.3%, to €2,755.2 million in the three-month period ended June 30, 2021 from €1,820.8 million in the three-month period ended June 30, 2020. Cost of sales increases have been driven by increases in feedstock prices and an improvement in volumes sold in certain products. Fixed costs have also increased as certain maintenance events previously put on hold due to the COVID-19 pandemic have taken place. Additionally, there have been some presentational changes with some expenses in the acquired Aromatics and Acetyls businesses now being classified differently for the three-month period ended June 30, 2021, as compared with how they were classified for the three-month period ended June 30, 2020 under the previous ownership. These reclassifications have led to fewer expenses being presented in cost of sales.

Gross profit. Gross profit increased by \notin 535.4 million, or 126.3%, to \notin 959.4 million in the three-month period ended June 30, 2021, from \notin 424.0 million in the three-month period ended June 30, 2020. This was mainly driven by a surge in demand as countries emerged from COVID lockdowns.

In the Styrolution business, there were increases in gross profit, with margins improving compared to 2020 across styrene, ABS Standard and specialties products. The second quarter of 2020 was impacted by the COVID-19 pandemic, but demand has recovered across all regions. Supply shortages, due to feedstock shortages caused by winter storm Uri, caused styrene margins to increase. The second quarter of 2021 was positively impacted by non-cash inventory holding gains of approximately \in 58.2 million as a result of an increase in crude oil and product prices compared to a loss \notin 71.3 million in the second quarter of 2020.

Within the INOVYN business, gross profit increased following on from significant price increases in the general purpose and specialty PVC markets. The extremely tight global market for PVC pushed spreads over ethylene to new record levels. A greater proportion of general purpose PVC sales were also sold into European markets at higher margins. Whilst caustic soda volumes increased, margins were impacted by higher energy prices.

Gross profit increased in the Acetyls business in the three-month period ended June 30, 2021, compared to the three-month period ended June 30, 2020. Demand recovered strongly from the impact of the pandemic and supply was tight with continued industry supply interruptions. Acetic acid margins hit a record high driven by the tight market environment. In Asia, the joint venture operations were able to take advantage of strong demand and record margins and the Methanol joint venture in Trinidad continued to perform well, with solid margins.

The Aromatics business also experienced higher gross profit in the three month period ended June 30, 2021 when compared with the three month period ended June 30, 2020. However, this was caused by an inventory holding gain of \notin 11.3 million in the three-month period ended June 30, 2021 as compared with an inventory holding loss of \notin 14.1 million in the comparative period, as a result of rising raw material input prices. Improvements in margins in the US due to strong demand contributed to a strong financial performance. The European business was impacted by the ongoing effect of the unplanned outage at Geel, Belgium but the business was able to capitalise on strong demand in Europe once the asset restarted. The environment in Asia continued to be challenging.

Distribution costs. Distribution costs increased by \notin 7.3 million, or 3.9%, to \notin 196.3 million in the three month period ended June 30, 2021, from \notin 189.0 million in the three month period ended June 30, 2020. Whilst businesses have seen some increase in volumes, distribution costs have not increased significantly as more product has been sold into domestic markets and there has been a product and destination mix effect.

Administrative expenses. Administrative expenses increased by \in 38.4 million, or 47.1%, to \in 119.9 million in the three-month period ended June 30, 2021 from \in 81.5 million in the three-month period ended June 30, 2020. During the second quarter of 2020, measures were taken to reduce discretionary spend as much as possible. Administrative expenses have increased due to the relieving of some of the COVID measures. In addition, movement in exchange rates has had a negative impact in the second quarter of 2021. There have also been some presentational changes with some expenses in the acquired Aromatics and Acetyls businesses now being classified differently for the three-month period ended June 30, 2021, as compared with how these were classified for the three-month period ended June 30, 2020 under the previous ownership. These reclassifications have led to more expenses being presented in administrative expenses before exceptional items.

Operating profit. Operating profit increased by \notin 489.7 million, or 319.0% to \notin 643.2 million in the three month period ended June 30, 2021 from \notin 153.5 million in the three month period ended June 30, 2020.

Share of profit of joint ventures and associated undertakings. Share of profit of joint ventures and associated undertakings increased by $\notin 121.7$ million, or 1,502.5% to $\notin 129.8$ million in the three month period ended June 30, 2021 from $\notin 8.1$ million in the three month period ended June 30, 2020. In Asia, the joint venture operations in the Acetyls business were running to plan and were able to take advantage of the strong demand and record margins. The Atlas Methanol Company Limited joint venture in Trinidad continued to perform well with solid margins. The Korean joint venture acid plant returned from TAR and was able to take advantage of strong demand for Acid and VAM.

Loss on disposal of property, plant and equipment. Loss on the disposal of property, plant and equipment was \in nil for the three-month period ended June 30, 2021, as compared to \in 0.4 million for the same period in 2020.

Profit before net finance costs. Profit before net finance costs increased by $\notin 611.8$ million, or 379.5%, to $\notin 773.0$ million for the three-month period ended June 30, 2021, as compared to $\notin 161.2$ million for the same period in 2020.

Net finance costs before exceptionals. Net finance costs before exceptionals increased by $\notin 5.3$ million, or 7.9%, to $\notin 72.4$ million in the three-month period ended June 30, 2021 from $\notin 67.1$ million in the three month period ended June 30, 2020. The main reason for the decrease is the net fair value loss on derivatives was $\notin 7.4$ million in 2021, compared to a net gain of $\notin 3.8$ million in 2020. In addition, there was interest receivable in the INOVYN business on inter-company loans with other INEOS entities of $\notin 3.6$ million. There is also higher amortisation of debt issue costs in 2021, due to the higher levels of debt compared to 2020. Offsetting these increases in finance costs, are lower net exchange losses in 2021, compared to 2020, decreasing by $\notin 11.2$ million.

Profit before tax. Profit before income tax increased by \notin 606.5 million, or 644.5%, to \notin 700.6 million in the three-month period ended June 30, 2021 from \notin 94.1 million in the three-month period ended June 30, 2020.

Tax charge. Tax charge increased by $\notin 97.3$ million, or 383.1%, to a charge of $\notin 122.7$ million in the three-month period ended June 30, 2021 from a charge of $\notin 25.4$ million in the three-month period ended June 30, 2020. The higher tax charge was primarily due to the increased profitability of the Group for the three-month period ended June 30, 2021 as compared to the same period in 2020.

Profit for the period. Profit for the period increased by \notin 509.2 million, or 741.2%, to \notin 577.9 million in the three-month period ended June 30, 2021 from \notin 68.7 million in the three-month period ended June 30, 2020.

Business segments

The Group reports under four business segments: Styrolution, INOVYN, Acetyls and Aromatics.

The following table provides an overview of the historical revenue and EBITDA before exceptionals of each of the business segments for the periods indicated:

	Three-month Period Ended June 30,	
_	2021	Pro forma 2020
	(ϵ in millions)	
Styrolution	1,590.3	825.4
INOVYN	1,028.3	650.7
Acetyls	285.7	155.3
Aromatics	829.4	613.4
Eliminations	(19.1)	-
	3,714.6	2,244.8
EBITDA before exceptionals		
Styrolution	392.3	93.0
INOVYN	300.0	146.7
Acetyls	185.0	15.3
Aromatics	59.8	51.2
	937.1	306.2

Styrolution

Revenue. Revenue in the Styrolution segment increased by \notin 764.9 million, or 92.7%, to \notin 1,590.3 million in the three month period ended June 30, 2021, as compared to \notin 825.4 million for the same period in 2020. Revenue increased due to strong trading conditions in the second quarter of 2021, as the second quarter of 2020 was impacted by the COVID-19 pandemic. The effect was more visible in the polymers business, where sales volumes were weak due to lockdown measures that impacted demand across all regions, especially in the specialties segment. Polymers demand in the second quarter of 2021 was strong, mainly in Asia and Europe. This limited polymer imports from Asia into other regions and led to top of cycle trading conditions across the globe. Strong durable markets created top-of-cycle trading conditions for ABS standard mainly in the electronics and household industries. Revenue also increased due to price increases, as supply issues caused by winter storm Uri in the first quarter meant the styrene and polymer prices peaked in all regions. Raw material increases were in the main passed to customers.

EBITDA before exceptionals. EBITDA before exceptionals in the Styrolution segment increased by \notin 299.3 million, or 321.8%, to \notin 392.3 million in the three month period ended June 30, 2021 as compared to \notin 93.0 million in the same period in 2020. The EBITDA performance in the second quarter of 2021 was the highest since the Styrolution business was formed. Production capacity in the Americas remained constrained for most of the quarter due to feedstock shortages caused by winter storm Uri. These temporary shortages caused styrene margins to peak. Reduced arbitrage from Asia into the Americas and European markets improved ABS Standard and specialties margins globally. The second quarter of 2021 was positively impacted by non-cash inventory holding gains of approximately \notin 58.2 million as a result of an increase in crude oil and product prices compared to a loss \notin 71.3 million in the second quarter of 2020.

INOVYN

Revenue. Revenue in the INOVYN segment increased by \notin 377.6 million, or 58.0%, to \notin 1,028.3 million in the three month period ended June 30, 2021, as compared to \notin 650.7 million for the same period in 2020. There was worldwide tightness in the PVC market. Supply, limited by planned and unplanned maintenance both in the US and in Europe, was unable to follow a robust demand. Volumes of general purpose PVC sold slightly increased compared to the second quarter of 2020, however there were significant price increases. In addition, a greater proportion of sales were made into European markets, which further increased average sales prices. Global demand of specialty vinyls also

increased, with additional volumes sold at higher average sales prices. Caustic soda volumes also increased but average prices were lower than the second quarter of 2020.

EBITDA before exceptionals. EBITDA before exceptionals in the INOVYN segment increased by \notin 153.3 million, or 104.5%, to \notin 300.0 million in the three month period ended June 30, 2021 as compared to \notin 146.7 million in the same period in 2020. The performance in the second quarter of 2021 is the highest since the formation of INOVYN, a consequence of the extremely tight global market for general purpose PVC which pushed spreads over ethylene to new record levels. Global demand for specialty PVC was also strong, with tightness in these markets also leading to spread increases. Whilst caustic soda volumes increased, margins were impacted by higher energy prices.

Acetyls

Revenue. Revenue in the Acetyls segment increased by $\in 130.4$ million, or 84.0%, to $\in 285.7$ million in the three month period ended June 30, 2021, as compared to $\in 155.3$ million for the same period in 2020. Demand recovered significantly in the second quarter of 2021, compared to the same period in 2020 which was impacted significantly by the pandemic across Asia, Europe and the USA. Demand was good in all three regions and this was combined with continued supply interruptions, particularly in China where competitors faced unplanned shutdowns. The Group's plants generally ran to plan, with the A4 Acid plant entering into turnaround at Hull, United Kingdom. Sales volumes dropped slightly, so revenue improvement was generated by significant price increases due to the recovering demand and the tight market supply in 2021.

EBITDA before exceptionals. EBITDA before exceptionals in the Acetyls segment increased by \in 169.7 million, or 1,109.2%, to \in 185.0 million in the three-month period ended June 30, 2021 as compared to \in 15.3 million in the same period in 2020. The business recorded a record EBITDA in the second quarter which was driven by the exceptionally strong margin environment across all three regions. Demand recovered strongly from the impact of the pandemic and supply was tight with continued industry supply interruptions, particularly in China where our competitors faced unplanned shutdowns. Acetic acid prices and margins hit a record high in the quarter driven by the tight market environment. In Asia, the joint venture operations and sales were running to plan and were able to take advantage of the strong demand and record margins. Both the European and the USA businesses remain on sales allocation as a result of the A4 Acid Plant turnaround in Hull, United Kingdom and the US recovery from winter storm Uri. The Methanol joint venture in Trinidad continued to perform well, with solid margins.

Aromatics

Revenue. Revenue in the Aromatics segment increased by $\notin 216.0$ million, or 35.2%, to $\notin 829.4$ million in the three month period ended June 30, 2021, as compared to $\notin 613.4$ million for the same period in 2020. Volumes in Asia recovered in the second quarter of 2021, following the impact of the COVID-19 pandemic in the second quarter of 2020. US and European volumes were impacted significantly in 2020 due to lockdowns and closures of non-essential businesses. Crude oil and product prices faltered in 2020 due to the lack of gasoline demand, which led to lower prices globally for all products. In 2021, both demand and prices have recovered. Underlying demand for polyester and other products is strong, bolstered by restocking across the supply chain in the US and Europe. This has led to a near sold out position in all regions. Crude oil prices have increased, which has driven all product prices up.

EBITDA before exceptionals. EBITDA before exceptionals in the Aromatics segment increased by $\in 8.6$ million, to $\in 59.8$ million in the three month period ended June 30, 2021 as compared to $\in 51.2$ million in the same period in 2020. EBITDA before exceptionals benefitted from an inventory holding gain of $\in 11.3$ million in the three-month period ending June 30, 2021, compared to a loss of $\in 14.1$ million in the same period of 2020, as the cost of PX and PTA increased due to higher feedstock prices. Demand in the US continued to be strong in the second quarter of 2021 and improvements in margins contributed to a strong financial performance for the quarter in the region. The European business was impacted by the ongoing effect of the unplanned outage at Geel, Belgium but the business was able to capitalise on strong demand in Europe once the asset restarted during May. The environment in Asia continued to be challenging.

Liquidity and Capital Resources

Capital Resources

Our historical liquidity requirements have arisen primarily from the need for us to meet our debt service requirements, to fund capital expenditures for the general maintenance and expansion of our production facilities and for new facilities, to fund movements in our working capital and to pay taxes.

Our primary sources of liquidity are cash flows from operations of subsidiaries; borrowings under our Credit Facility, the Securitization Programs and issuances of debt securities, including the 2027 Senior Secured Notes and a \$300.0 million Revolving Credit Facility. As of June 30, 2021, our Securitizations Programs and Revolving Credit Facility remained undrawn. Our ability to generate cash from our operations depends on future operating performance, which is in turn dependent, to some extent, on general economic, financial, competitive market, legislative, regulatory and other factors, many of which are beyond our control.

We believe that our operating cash flows, together with the cash resources and borrowings program under the Securitization Programs and other facilities that we are able to sufficiently fund our working capital requirements, anticipated capital expenditures and debt service requirements as they become due, although this may not be the case. Management estimates that, even in a downturn in the business cycle and weaker market conditions, we would have sufficient liquidity to meet our anticipated liabilities when due without incurring unacceptable losses or risking damage to our reputation.

Our working capital requirements depend on market price developments of our key feedstock, market demand and planned maintenance. We anticipate that our working capital requirements will vary due to changes in raw material, which affect inventory, accounts receivable and accounts payable levels as well as sales volumes. Working capital levels typically develop in line with raw material prices, although timing factors can affect flows of capital. We expect to fund our working capital requirements with cash generated from operations and drawings under the Securitization Programs.

Financing Arrangements

As of June 30, 2021, the Group's financing arrangements included \notin 800.0 million and \$500.0 million Senior Secured Notes due 2026, \notin 500.0 million Senior Notes, \notin 1,500.0 million and \$2,000.0 million Term Loan B facilities, \$131.3 million Three-Year Term Loan A Facility, \$210.0 million and \notin 112.5 million Five-Year Term Loan A Facilities. There was also \notin 600.0 million Senior Secured Notes due 2027 and Term Loan B Facilities of \notin 450.0 million and \$199.8 million within the Styrolution business. Our financing arrangements also include Securitization Programs, which as at June 30, 2021 had a total capacity of \notin 690.0 million, none of which was drawn. The programmes are subject to certain borrowing limits that are adjusted periodically based on the amount of eligible trade receivables available at the time of adjustment. In addition, there are lease liabilities of \notin 318.6 million.

The Group also has a \$300.0 million Revolving Credit Facility which remained undrawn as at June 30, 2021 along with various short-term credit facilities with different local banks to fund our working capital requirements in China, India, Mexico, Singapore, South Korea and Thailand.

Capital Expenditures

As part of our strategy to focus capital investments on improving returns, we have instituted measures to ensure the most efficient uses of capital investment. We intend to manage capital expenditures to maintain our well-invested asset base.

During the six-month periods ended June 30, 2021 and 2020, capital expenditures analysed by business segment were as follows:

For the six-month		
period ended June 30,		
2021	2020	
(€ in millions)		

33

Styrolution	173.8	171.7
INOVYN	85.4	-
Acetyls	13.9	-
Aromatics	24.7	-
Total	297.8	171.7

In the Styrolution business, investments in property, plant and equipment in the first half of 2021 mainly included the a newly built ESPN plant in the USA, the conversion of a Polystyrene line to a mass ABS line in Wingles, France, a new ASA Specialties plant in Houston, and a new ABS facility in China.

In INOVYN, the largest investments were the SPVC plant in Jemeppe, Belgium, the capacity of which has been increased by 200 kilo tonnes, and a brine borehole drilling programme at Northwich, U.K. Other investments included turnarounds at Tavaux, France, Jemeppe, Belgium and Runcorn, United Kingdom and a new office complex at Runcorn, United Kingdom.

In the Acetyls business, the major capital expenditure projects included an A4 Acid Plant turnaround in Hull, United Kingdom, which includes the turnaround, reformer tube replacement, boiler and turbine replacements. In the Aromatics business, the Merak site completed a turnaround and there was an implementation of the Cakra Donya project in the first half of 2021.

Investments in property, plant and equipment in the first six months of 2020 mainly related to the new ASA Specialties plant in Houston, USA and the conversion of a Polystyrene line to mass ABS line in France.

Working Capital

We anticipate that our working capital requirements will vary due to changes in raw material and energy costs, which affect inventory, accounts receivable and accounts payable levels as well as sales volumes. Working capital levels typically develop in line with raw material and energy prices, although timing factors can affect flows of capital. We expect to fund our working capital requirements with cash generated from operations and drawings under the Securitization Program, Revolving Credit Facility and other short-term credit facilities.

Cash Flows

During the six month periods ended June 30, 2021 and 2020, the Group's net cash flows were as follows:

	For the six-month period ended June 30,	
	2021	2020
	(€ in m	villions)
Net cash flows from operating activities	737.5	242.3
Net cash flows used in investing activities	(232.8)	(532.0)
Net cash flows (used in)/from financing activities	(383.9)	385.3

Net cash flows from operating activities

Net cash flows from operating activities in the six-month period ended June 30, 2021 were \notin 737.5 million, compared to \notin 242.3 million in the same period in 2020. Positive cash flow was generated because of the strong underlying business performance. Working capital outflows were \notin 515.8 million in 2021, compared to inflows of \notin 40.7 million in 2020. The outflows in 2021 were due to higher feedstock price levels due to availability issues in the petrochemical industry because of winter storm Uri and also higher receivables due to increases in revenue.

There were outflows of $\notin 33.2$ million on provisions and employee benefits in the six-month period ended June 30, 2021 (six-month period ended June 30, 2020: $\notin 1.2$ million inflow), mainly for UK pension schemes in the INOVYN business.

The Styrolution and INOVYN Business made several taxation payments in the period ended June 30, 2021. These payments primarily reflected payments made in the tax jurisdictions where the businesses have most of their trading activities. The largest payments were made in Germany, United Kingdom, Mexico, Korea and China.

Net cash flows used in investing activities

The total cash outflow for investing activities in the in the six month period ended June 30, 2021 was €232.8 million compared to €532.0 million in the same period in 2020.

During the six-month period ended June 30, 2021 the Group received dividends from joint ventures of \notin 54.3 million. In addition, \notin 3.9 million was received from the Group's associated undertaking, INEOS Runcorn (TPS) Limited for partial repayment of a shareholder loan. There was a partial completion accounts settlement with BP resulting in a \notin 1.1 million outflow specifically relating to Chinese net assets.

There were no other significant cash flows from investing activities in the three month period ended June 30, 2021 and 2020 other than the acquisition of property, plant and equipment (refer to the "Capital Expenditure" section).

Net cash flows (used in)/from financing activities

The total cash outflow for financing activities in the in the six month period ended June 30, 2021 was €383.9 million compared to an inflow of €385.3 million in the same period in 2020.

In January 2021, the Group issued €800.0 million Senior Secured Notes due 2026, \$500.0 million (€406.5 million equivalent) Senior Secured Notes due 2026 and €500.0 million Senior Notes due 2026. In addition, the Group entered into a new Dollar Term Loan B Facility of \$2,000.0 million (€1,626.0 million equivalent) and a new Euro Term Loan B Facility of €1,500.0 million. The gross proceeds received under these borrowings were used to repay the amounts outstanding under the Bridge Facility of €2,861.9 million, the €180.0 million Five-Year Euro Term Loan A Facility, the Senior Secured Term Loan B Facility that was acquired with the INOVYN business of €1,064.3 million, repay the Equity Bridge Contribution in the form of a dividend to the Group's parent and to pay debt issue costs of €68.6 million in respect of this refinancing.

The Group made scheduled repayments of $\notin 14.7$ million on the Three-Year Term Loan A Facilities during the six-month period ended June 30, 2021. In addition, scheduled repayments of $\notin 0.8$ million were made on the Styrolution Secured Term Loan B Facilities during the six-month period ended June 30, 2021. The Group also made a scheduled repayment of $\notin 4.3$ million to the Bank of China Zhuhai branch in respect of loan acquired as part of the BP acquisition in December 2020.

In January 2020, the Group successfully completed an amend-and-extend transaction of the Term Loan B Facilities Agreement increasing the principal amount of the Euro tranche by $\notin 11.8$ million to $\notin 450.0$ million while keeping the USD tranche at \$202.3 million. Debt issue costs of $\notin 5.3$ million were paid in relation to this transaction in the six-month period ended June 30, 2020. In addition, the Group issued Senior Secured Notes due 2027 in an aggregate principal amount of $\notin 600.0$ million. Debt issue costs of $\notin 5.1$ million were paid in relation to this transaction in the six-month period ended June 30, 2020. In June 2020, the Group raised a Deposit Facility of \$400 million ($\notin 361.8$ million equivalent) in connection with the acquisition of the BP Aromatics and Acetyls businesses. Debt issue costs of $\notin 2.7$ million were paid in relation to this transaction.

During the six-month period ended June 30, 2020 the Group made net repayments of \notin 190.0 million under the Group's Securitization Program, repayments of \notin 0.5 million on the Styrolution Term Loan B Facilities and made a net \notin 0.6 million drawdown against the Group's other working capital facilities.

Interest payments of \in 81.3 million were made for the six-month period ended June 30, 2021 compared to \in 14.3 million for the period ended June 30, 2020. The interest payments during the six-month period ended June 30, 2021 related primarily to cash payments for the Term Loan B Facilities of \in 39.9 million, the Styrolution Senior Secured Notes of \in 6.8 million, the Styrolution Term Loan B Facilities of \in 7.4 million, a final interest payment on the INOVYN Term Loan B Facilities of \in 2.1 million, interest on the Bridge Facilities of \in 8.4 million, interest of the Term Loan A Facilities of \in 6.4 million, interest paid on the Revolving Credit Facility of \in 1.0 million, interest paid on the two securitization facilities of \in 1.7 million and interest paid on lease liabilities of \in 5.9 million.

The interest payments during the six-month period ended June 30, 2020 mainly related to cash payments in respect of the Term Loan B facilities.

During the six-month period ended June 30, 2021 the Group made payments of \notin 46.0 million (June 30, 2020: \notin 11.3 million) in respect of the capital element of lease liabilities.

The Group paid dividends of \notin 894.4 million in the six-month period ended June 30, 2021 as compared to \notin 359.7 million in the six-month period ended June 30, 2020. The dividends paid in the six-month period ended June 30, 2021 included repayment of the Equity Bridge Contribution received as part of the BP acquisition.

Net debt

Total net debt as at June 30, 2021 was $\notin 5,626.0$ million (December 31, 2020: $\notin 4,973.4$ million), excluding lease liabilities of $\notin 318.6$ million (December 31, 2020: $\notin 312.3$ million). The Group held net cash balances of $\notin 943.1$ million as at June 30, 2021 (December 31, 2020: $\notin 805.6$ million) which included restricted cash of $\notin 16.9$ million used as collateral against bank guarantees and letters of credit. As at June 30, 2021 the Group had availability under the undrawn securitization facilities of $\notin 6990.0$ million, the Revolving Credit Facility of \$300.0 million and other working capital facilities of $\notin 394.7$ million.