

Key financial data

Key financial data [PLN million]	12 months 2013 *	12 months 2014	12 months 2015	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018 ***	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Sales revenues	113 597	106 832	88 336	79 553	22 875	23 025	24 730	24 734	95 364	23 241	26 701	30 344	29 420	109 706	25 246	29 228	29 229	27 500	111 203
Operating Profit/(Loss) under LIFO increased by depreciation and amortisation (EBITDA LIFO) before impairment allowances **, including:	3 086	5 213	8 738	9 412	2 321	3 058	3 047	2 022	10 448	1 893	2 127	2 405	2 089	8 324	2 014	2 732	3 167	1 504	9 417
Downstream	2 407	4 210	7 776	8 107	2 021	2 550	2 513	1 636	8 720	1 513	1 580	1 762	1 366	6 031	1 449	1 991	2 402	1 077	6 919
Retail	1 268	1 416	1 539	1 801	372	576	610	491	2 049	464	677	723	917	2 081	676	859	925	592	3 052
Upstream	(32)	152	44	255	80	82	53	78	293	68	82	86	69	305	94	83	85	69	331
Corporate functions ¹	(557)	(565)	(621)	(751)	(152)	(150)	(129)	(183)	(614)	(152)	(212)	(166)	(263)	(793)	(205)	(201)	(245)	(234)	(885)
Operating Profit/(Loss) under LIFO increased by depreciation and amortisation (EBITDA LIFO), including:	3 086	(147)	7 745	9 557	2 319	3 045	2 997	1 918	10 279	1 896	2 111	2 389	2 822	9 028	2 004	2 715	3 094	1 389	9 202
Downstream	2 407	(852)	7 640	8 325	2 020	2 551	2 510	1 620	8 701	1 511	1 576	1 760	2 066	6 723	1 438	1 985	2 393	1 046	6 862
Retail	1 268	1 440	1 539	1 794	372	564	609	493	2 038	471	677	712	907	2 767	678	855	924	566	3 023
Upstream	(32)	(170)	(808)	182	79	82	11	(19)	153	66	72	86	63	287	93	82	23	11	209
Corporate functions ¹	(557)	(565)	(626)	(744)	(152)	(152)	(133)	(176)	(613)	(152)	(214)	(169)	(214)	(749)	(205)	(207)	(246)	(234)	(892)
Operating Profit/(Loss) under LIFO increased by depreciation and amortisation (EBITDA LIFO), including:	3 086	(147)	7 745	9 557	2 319	3 045	2 997	1 918	10 279	1 896	2 111	2 389	2 822	9 028	2 004	2 715	3 094	1 389	9 202
PKN ORLEN S.A.	2 074	2 920	4 376	4 846	1 169	1 353	1 625	1 180	5 327	1 240	1 258	1 340	1 352	5 000	1 148	1 907	2 052	920	6 027
Unipetrol Group	255	478	1 653	1 952	578	1 048	557	199	2 382	252	389	341	1 213	2 195	145	297	416	107	965
ORLEN Lietuva Group	(23)	(4 375)	1 074	1 083	169	220	338	346	1 073	56	113	271	(239)	201	206	43	177	63	489
Other	780	830	642	1 676	403	424	477	193	1 497	348	351	437	496	1 632	505	468	449	299	1 721
Operating Profit/(Loss) increased by depreciation and amortisation (EBITDA)	2 418	(2 720)	6 235	9 642	2 838	2 701	2 890	2 649	11 078	2 040	3 047	2 968	2 023	9 888	1 829	2 932	2 700	1 607	9 068
Depreciation and amortisation, including:	2 111	1 991	1 895	2 110	562	581	616	662	2 421	626	673	677	697	2 673	833	846	893	934	3 506
Downstream	1 633	1 408	1 269	1 317	361	374	394	439	1 568	412	451	452	476	1 791	571	589	595	625	2 380
Retail	351	355	368	392	103	103	104	112	422	114	114	115	118	461	157	153	158	162	630
Upstream	6	122	173	301	75	78	89	76	318	75	82	80	71	308	70	66	100	92	328
Corporate functions ¹	121	106	85	100	23	26	29	35	113	25	26	30	32	113	35	38	40	55	168
Operating Profit/(Loss) under LIFO (EBIT LIFO), including:	975	(2 138)	5 850	7 447	1 757	2 464	2 381	1 256	7 858	1 270	1 438	1 712	2 125	6 355	1 171	1 869	2 201	455	5 696
Downstream	774	(2 260)	6 371	7 008	1 659	2 177	2 116	1 181	7 133	1 089	1 125	1 308	1 590	4 932	867	1 396	1 798	421	4 482
Retail	917	1 085	1 171	1 402	269	461	505	381	1 616	357	563	597	789	2 306	521	702	766	404	2 393
Upstream	(38)	(292)	(981)	(119)	4	4	(78)	(95)	(165)	(9)	(10)	6	(8)	(21)	23	16	(77)	(81)	(1 119)
Corporate functions ¹	(678)	(671)	(711)	(844)	(175)	(178)	(162)	(211)	(726)	(177)	(240)	(199)	(246)	(862)	(240)	(245)	(286)	(289)	(1 060)
Operating Profit/(Loss) (EBIT)	307	(4 711)	4 340	7 532	2 276	2 120	2 274	1 987	8 657	1 414	2 374	2 291	1 326	7 215	996	2 086	1 807	673	5 562
Net Profit/(Loss)	90	(5 828)	3 233	5 740	2 088	1 754	1 697	1 634	7 173	1 044	1 773	2 075	902	5 604	849	1 601	1 266	771	4 487
Net Profit/(Loss) attributable to equity owners of the Parent	176	(5 811)	2 837	5 261	1 920	1 541	1 603	1 591	6 655	1 042	1 744	2 063	897	5 556	849	1 602	1 266	772	4 489
Total assets	51 352	46 725	48 137	55 559	54 595	56 489	59 076	60 664	60 664	60 092	64 571	67 456	64 141	64 141	68 983	70 770	71 551	71 376	71 376
Equity	27 551	20 386	24 244	29 285	31 449	31 939	33 823	35 211	35 211	32 728	33 442	35 373	35 739	35 739	36 425	36 641	38 227	38 796	38 796
Net debt	4 668	6 720	6 810	3 363	3 653	1 175	568	761	761	5 154	4 256	3 651	5 599	5 599	5 051	2 417	1 969	2 448	2 448
Net cash - operating activities	5 540	3 187	5 354	9 331	673	3 493	3 003	881	8 050	510	1 879	3 552	(771)	4 980	1 191	3 494	3 431	1 203	9 319
Net cash - investing activities	(2 441)	(4 020)	(4 096)	(4 436)	(907)	(940)	(939)	(1 139)	(3 925)	(1 265)	(647)	(1 009)	(1 067)	(3 798)	(666)	(675)	(1 032)	(1 621)	(3 994)
Increases in non-current assets ****	2 484	3 788	3 183	4 673	723	1 198	977	1 704	4 402	802	1 070	1 027	1 571	4 280	749	994	1 319	2 310	5 372
Return on capital employed (ROACE) [%] ²	0,7	1,7	15,2	19,1	23,2	21,8	22,7	20,9	20,9	18,3	18,6	18,0	14,1	13,7	12,7	12,3	11,2	11,5	11,5
Return on capital employed under LIFO (ROACE LIFO) [%] ³	2,3	8,5	19,5	18,9	19,3	19,9	21,2	19,0	19,0	17,3	14,7	12,7	12,3	11,9	11,6	12,6	13,6	11,8	11,8
Net financial leverage [%] ⁴	16,9	33,0	28,1	11,5	11,6	3,7	1,7	2,2	2,2	15,7	12,7	10,3	15,7	15,7	13,9	6,6	5,2	6,3	6,3
Net debt/Profit from operations under LIFO plus depreciation and amortisation for the last four quarters (EBITDA LIFO) ⁶	1,51	1,29	0,73	0,35	N/D ⁵	0,11	N/D ⁵	0,07	0,07	N/D ⁵	0,46	N/D ⁵	0,67	0,67	N/D ⁵	0,28	N/D ⁵	0,26	0,26
Net debt/Profit from operations plus depreciation and amortisation for the last four quarters (EBITDA) ⁷	1,93	2,55	0,88	0,35	N/D ⁵	0,11	N/D ⁵	0,07	0,07	N/D ⁵	0,39	N/D ⁵	0,60	0,60	N/D ⁵	0,27	N/D ⁵	0,26	0,26
Net Profit/(Loss) attributable to equity owners of the Parent per share (EPS) [PLN/share]	0,41	(13,59)	6,63	12,30	4,49	3,60	3,75	3,72	15,56	2,44	4,07	4,83	2,10	12,99	1,98	3,75	2,96	1,80	10,50
Effect of inventory valuation under LIFO																			
Effect of inventory valuation under LIFO on EBITDA, including:	(668)	(2 573)	(1 510)	85	519	(344)	(107)	731	799	144	936	579	(799)	860	(175)	217	(394)	218	(134)
PKN ORLEN S.A.	(595)	(2 272)	(1 507)	165	413	(249)	(34)	571	701	155	716	552	(434)	989	(134)	165	(331)	154	(146)
Unipetrol Group	(10)	(278)	(38)	(13)	58	(78)	(77)	123	26	(21)	171	67	(333)	(116)	15	(21)	(44)	52	2
ORLEN Lietuva Group	(44)	10	28	(77)	50	(12)	2	29	69	8	43	(44)	(16)	(9)	(59)	68	(12)	7	4
Other	(19)	(33)	7	10	(2)	(5)	2	8	3	2	6	4	(16)	(4)	3	5	(7)	5	6

*) Restated data – change of consolidation method in accordance to IFRS 11 for Basell ORLEN Polyolefines Sp. z o.o. and Plock Park Przemysłowo-Technologiczny S.A. which are accounted for under the equity method instead of proportionate consolidation method.

***) Impairment allowances of non-current assets included in:

- II quarter of 2014 in the amount of PLN (5.0) billion concerned mainly ORLEN Lietuva of PLN (4.2) billion, refinery part in Unipetrol Group of PLN (0.7) billion and in Spolana from Anwil Group and Rafineria Jediczce Group in total of PLN (0.1) billion,
- IV quarter of 2014 of PLN in the amount of PLN (0.3) billion regarding ORLEN Upstream Group activities in Canada,
- II quarter of 2015 in the amount of PLN (0.4) billion mainly regarding assets of ORLEN Upstream Group,
- III quarter of 2015 in the amount of PLN (0.1) billion mainly regarding petrochemical part in Unipetrol Group,
- IV quarter of 2015 in the amount of PLN (0.4) billion mainly regarding upstream assets of ORLEN Upstream in Canada,
- IV quarter of 2016 in the amount of PLN 0.2 billion concerned mainly refinery part in Unipetrol Group of PLN 0.3 billion, regarding ORLEN Upstream Group activities in Poland and ORLEN Oil Group in total of PLN (0.1) billion,
- IV quarter of 2017 of PLN in the amount of PLN (0.1) billion regarding ORLEN Upstream Group activities in Poland,
- IV quarter of 2018 of PLN in the amount of PLN 0.7 billion mainly regarding downstream part in Unipetrol Group,
- III quarter of 2019 of PLN in the amount of PLN (0.1) billion regarding ORLEN Upstream Group activities in Poland,
- IV quarter of 2019 of PLN in the amount of PLN (0.1) billion regarding ORLEN Upstream Group activities in Poland.

****) In the 12 months of 2018, the Group adjusted in the line penalties and compensations penalties received for improper execution of the contract of the power plant CCGT in Plock in the amount of PLN 190 million, and adjusted the purchase price of non-current asset.

*****) In accordance with IFRS 16 Leases, the "increase in non-current assets" item includes rights-of-use - in the interests of consistency, the data for the I quarter of 2019 were also updated.

- 1) Includes Corporate Functions of the ORLEN Group companies as well as companies not included in any of the above segments.
- 2) ROACE = profit from operations for the last four quarters after tax before impairment allowances of non-current assets / average capital employed (equity + debt)
- 3) ROACE LIFO = profit from operations for the last four quarters under LIFO after tax before impairment allowances of non-current assets / average capital employed
- 4) Net financial leverage = net debt / equity – calculated at the end of the period.
- 5) Covenants tested according to loan agreements excluding impairment of non-current assets.
- 6) Interest bearing debt net of cash and cash equivalents at the end of the period / EBITDA LIFO based on the LIFO method for the last four quarters.
- 7) Interest bearing debt net of cash and cash equivalents at the end of the period / EBITDA for the last four quarters.

Macroeconomic parameters

Item	12 months 2013	12 months 2014	12 months 2015	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Brent crude oil (USD/bbl)	109	99	52	44	54	50	52	61	54	67	74	75	69	71	63	69	62	63	64
Brent / URAL differential (USD/bbl)	1.0	1.7	1.8	2.5	2.1	1.5	1.0	0.9	1.4	1.6	2.2	1.3	1.0	1.5	0.2	0.5	1.0	1.5	0.8
WTI crude oil (USD/bbl)	99	94	49	44	52	48	48	55	51	63	68	70	59	65	55	60	56	57	57
Canadian Light Sweet crude oil (USD/bbl)	91	86	45	40	49	46	46	52	48	57	61	59	36	53	51	54	52	51	52
Henry Hub gas (USD/1000m ³)	132	155	93	91	108	111	106	104	107	115	104	106	137	116	106	91	87	87	93
Gas NGX AB-NIT (2A) (USD/1000m ³)	107	135	71	60	74	75	48	48	61	59	34	35	43	43	70	30	28	68	49
Model downstream margin (USD/bbl) ¹	10.7	11.4	13.8	11.7	12.1	13.6	13.9	11.5	12.8	11.4	12.4	12.8	12.1	12.2	10.0	11.1	12.7	9.1	10.7
Model refining margin (USD/bbl) ²	3.4	3.4	8.2	5.3	5.3	6.9	7.9	5.3	6.4	4.0	5.2	6.2	4.8	5.1	4.4	5.9	7.1	3.2	5.2
Model petrochemical margin (EUR/t) ³	730	781	968	960	930	1 003	911	890	933	902	853	870	921	885	885	906	859	785	859
Model olefin margin (EUR/t) ⁴	471	486	460	347	387	469	390	363	402	399	374	386	442	400	383	398	368	302	363
Quotation of margins (crack margins)																			
Refining products (USD/t) ⁵																			
Gasoline	167	167	177	142	142	161	164	139	151	133	160	171	87	138	77	163	154	127	130
Diesel oil	119	108	108	71	77	79	96	91	86	87	97	101	124	102	113	92	115	113	108
Light heating oil	99	93	96	64	74	69	81	80	76	80	82	90	114	91	106	80	107	100	98
Jet A-1 fuel	164	156	129	93	105	106	124	126	115	140	143	139	162	146	146	123	158	148	144
Heavy heating oil	(234)	(225)	(142)	(125)	(118)	(99)	(100)	(130)	(112)	(154)	(163)	(147)	(119)	(146)	(102)	(136)	(140)	(252)	(158)
SN 150	131	161	177	139	151	359	382	289	295	224	176	164	201	191	146	67	119	75	102
Petrochemical products (EUR/t) ⁵																			
Polyethylene ⁶	191	209	459	507	422	399	336	321	370	286	263	282	288	280	311	308	299	280	300
Polypropylene ⁶	298	328	496	529	475	489	474	472	478	447	414	392	392	412	421	423	417	409	418
Ethylene	605	589	602	610	637	689	642	642	653	652	630	644	640	641	578	593	568	543	571
Propylene	467	543	488	359	442	517	471	477	477	510	503	552	568	532	516	511	467	421	480
Toluene	249	244	231	201	240	222	191	167	205	166	192	213	195	191	172	218	224	173	197
Benzene	375	432	278	296	513	402	329	346	398	335	255	262	189	261	103	174	273	188	184
Butadiene	480	373	295	350	1 072	1 087	461	393	760	415	583	657	571	556	453	422	362	306	387
Paraxylene	519	382	416	431	461	459	384	362	418	387	362	431	628	448	534	487	366	328	431

1) Model downstream margin (MDM) = Revenues (90.7% Products = 22.8% Gasoline + 44.2% Diesel oil + 15.3% HHO + 1.0% SN 150 + 2.9% Ethylene + 2.1% Propylene + 1.2% Benzene + 1.2% PX) – Expenses (100% input = 6.5% Brent crude oil + 91.1% URAL crude oil + 2.4% natural gas).

2) Model refining margin = Revenues (Products (93.5%) – 36% Gasoline + 43% Diesel oil + 14.5% HHO) minus expenses (100% input: Brent crude oil and other raw materials valued at Brent crude); product prices based on USD/bbl quotations.

3) Model petrochemical margin = Revenues (98% Products = 44% HDPE + 7% LDPE + 35% PP homo + 12% PP copo) – products prices based on contract quotations minus expenses (100% input = 75% Naphtha + 25% LS VGO) – products prices based on spot quotations. □

4) Model petrochemical margin of olefins = Revenues (100% Products = 50% Ethylene + 30% Propylene + 10% Benzene + 10% Toluene) – products prices based on contract quotations minus expenses (100% input = 75% Naphtha + 25% LS VGO); products prices based on quotations.

Starting from 2016 Model petrochemical margin of olefins = Revenues (100% Products = 0.85*Ethylene*54% + 0.92*Propylene*28% + 0.84*Glycols*9% + 0.81*Butadiene*6% + 0.8*Ethylene Oxide*3%) minus expenses (100% input = 100% Naftha); products prices based on quotations.

5) Margins (crack) for refining and petrochemical products (excluding polymers) calculated as difference between a quotation of given product and a quotation of Brent/DTD crude oil.

6) Margin (crack) for polymers calculated as difference between quotations of polymers and monomers.

Exchange rates

Currency	Average exchange rates ¹⁾												Period end exchange rates ¹⁾																							
	12 months 2013	12 months 2014	12 months 2015	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months	Q4 2013	Q4 2014	Q4 2015	Q4 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	
USD/PLN	3.16	3.15	3.77	3.94	4.06	3.83	3.63	3.60	3.78	3.40	3.58	3.70	3.77	3.61	3.79	3.81	3.88	3.87	3.84	3.01	3.51	3.90	4.18	3.95	3.71	3.65	3.48	3.41	3.74	3.68	3.76	3.84	3.73	4.00	3.80	
EUR/PLN	4.20	4.19	4.18	4.36	4.32	4.22	4.26	4.23	4.26	4.18	4.26	4.31	4.30	4.26	4.30	4.28	4.32	4.29	4.30	4.15	4.26	4.26	4.42	4.22	4.23	4.31	4.17	4.21	4.36	4.27	4.30	4.30	4.25	4.37	4.26	
CZK/PLN	0.16	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	
CAD/PLN	3.07	2.85	2.95	2.98	3.07	2.85	2.89	2.83	2.91	2.69	2.77	2.83	2.86	2.79	2.85	2.85	2.94	2.93	2.89	2.83	3.03	2.81	3.10	2.96	2.85	2.94	2.78	2.65	2.83	2.83	2.76	2.86	2.85	3.02	2.91	
CAD/USD	0.97	0.90	0.78	0.76	0.76	0.74	0.80	0.79	0.77	0.79	0.77	0.76	0.76	0.77	0.75	0.75	0.76	0.76	0.75	0.94	0.86	0.72	0.74	0.75	0.77	0.81	0.80	0.78	0.76	0.77	0.73	0.74	0.76	0.76	0.77	
USD/LTL	2.60	2.60	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	bd	bd	2.51	2.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	bd	
EUR/LTL	3.45	3.45	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	bd	bd	3.45	3.45	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	bd	
USD/CZK	19,5	20,8	24,6	24,4	25,4	24,1	22,2	21,8	23,4	20,7	21,5	22,1	22,7	21,7	22,6	22,9	23,2	23,1	22,9	19,9	22,8	24,8	25,6	25,3	23,0	22,0	21,3	20,6	22,3	22,0	22,5	23,0	22,4	23,7	22,6	
EUR/CZK	26,0	27,5	27,3	27,0	27,0	26,5	26,1	25,7	26,3	25,4	25,6	25,7	25,9	25,6	25,7	25,7	25,7	25,6	25,7	27,4	27,7	27,0	27,0	27,0	27,0	26,2	26,0	25,5	25,4	26,0	25,7	25,7	25,8	25,4	25,8	25,4

¹⁾ Based on exchange rates published by NBP, Czech Republic National Bank and Bank of Lithuania (for the years 2013-2014).

Fuel consumption ¹⁾

Countries, (^{000 tonnes)}	12 months 2013	12 months 2014	12 months 2015	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Poland	14 659	14 641	15 522	17 329	4 559	5 110	5 486	5 215	20 370	4 845	5 376	5 703	5 446	21 370	4 985	5 606	5 955	5 609	22 155
Gasoline	3 633	3 653	3 762	4 028	963	1 111	1 170	1 102	4 346	1 018	1 151	1 207	1 145	4 521	1 045	1 215	1 277	1 199	4 736
Diesel oil	11 026	10 988	11 760	13 301	3 596	3 999	4 316	4 113	16 024	3 827	4 225	4 496	4 301	16 849	3 940	4 391	4 678	4 410	17 419
Lithuania	1 303	1 467	1 493	1 645	361	444	476	468	1 749	392	516	540	454	1 902	408	522	543	501	1 975
Gasoline	208	205	205	215	47	55	60	53	214	51	62	65	56	234	50	66	70	63	249
Diesel oil	1 095	1 261	1 287	1 430	315	389	416	414	1 534	342	454	474	398	1 669	359	456	474	438	1 726
Czech Republic	5 708	5 907	6 117	6 338	1 433	1 653	1 744	1 668	6 498	1 475	1 697	1 712	1 675	6 559	1 512	1 708	1 757	1 691	6 668
Gasoline	1 570	1 570	1 576	1 605	352	416	434	399	1 601	352	430	420	403	1 605	358	431	429	409	1 627
Diesel oil	4 138	4 337	4 541	4 733	1 081	1 237	1 310	1 269	4 897	1 123	1 267	1 292	1 272	4 954	1 154	1 277	1 328	1 282	5 041
Germany	53 302	54 114	54 982	56 139	13 600	14 501	14 707	14 191	56 999	12 903	14 145	14 398	13 866	55 312	13 098	14 110	14 512	13 928	55 649
Gasoline	18 451	18 527	18 226	18 238	4 378	4 691	4 734	4 492	18 296	4 167	4 633	4 623	4 414	17 837	4 106	4 584	4 730	4 493	17 914
Diesel oil	34 851	35 587	36 756	37 901	9 222	9 809	9 973	9 699	38 703	8 737	9 511	9 775	9 452	37 475	8 992	9 526	9 782	9 435	37 735

1) Estimates prepared based on data of Agencja Rynku Energii S.A., Lithuanian Statistical Office, Czech Statistical Office and Association of the German Petroleum Industry.

EBITDA LIFO

Item, PLN million	12 months 2013	12 months 2014 before impairment allowances ¹⁾	12 months 2015	12 months 2015 before impairment allowances ¹⁾	12 months 2016	12 months 2016 before impairment allowances ¹⁾	Q1 2017	Q1 2017 before impairment allowances ¹⁾	Q2 2017	Q2 2017 before impairment allowances ¹⁾	Q3 2017	Q3 2017 before impairment allowances ¹⁾	Q4 2017	Q4 2017 before impairment allowances ¹⁾	12 months 2017	12 months 2017 before impairment allowances ¹⁾	Q1 2018	Q1 2018 before impairment allowances ¹⁾	Q2 2018	Q2 2018 before impairment allowances ¹⁾	Q3 2018	Q3 2018 before impairment allowances ¹⁾	Q4 2018	Q4 2018 before impairment allowances ¹⁾	12 months 2018 ²⁾	12 months 2018 before impairment allowances ¹⁾	Q1 2019	Q1 2019 before impairment allowances ¹⁾	Q2 2019	Q2 2019 before impairment allowances ¹⁾	Q3 2019	Q3 2019 before impairment allowances ¹⁾	Q4 2019	Q4 2019 before impairment allowances ¹⁾	12 months 2019	12 months 2019 before impairment allowances ¹⁾				
Refining	488	2 340	4 710	4 743	9 286	9 349	1 222	1 223	1 208	1 204	1 859	1 862	1 142	1 152	5 229	5 244	731	732	854	858	1 279	1 275	1 688	1 621	4 354	4 354	3 097	3 071	487	471	1 208	1 208	1 508	1 508	1 688	1 508	787	788	4 251	4 257
LIFO effect (Refining)	(688)	(2 417)	-1 513	-1 513	86	86	513	513	(304)	(304)	(96)	(96)	675	675	788	788	147	147	889	889	653	653	(729)	(729)	228	228	860	860	(194)	(194)	228	228	(262)	(262)	180	180	(148)	(148)		
Petrochemical	1 941	2 170	2 930	3 033	3 039	3 058	798	798	1 345	1 346	851	851	478	481	3 472	3 476	780	780	722	722	487	487	380	345	2 389	2 334	771	778	777	782	804	813	258	289	2 611	2 662				
LIFO effect (Petrochemical)	20	(156)	3	3	(71)	(71)	6	6	(40)	(40)	(171)	(171)	56	56	11	11	(2)	(2)	47	47	26	26	(70)	(70)	0	0	19	19	(171)	(171)	(32)	(32)	38	38	14	14				
Downstream	2 407	4 210	7 640	7 776	8 325	8 407	2 020	2 021	2 551	2 552	3 216	3 216	1 620	1 636	8 701	8 720	1 511	1 513	1 576	1 580	1 762	1 762	2 066	1 366	6 723	6 031	1 438	1 449	1 985	1 991	2 393	2 402	1 046	1 077	6 862	6 919				
Retail	1 268	1 416	1 539	1 539	1 794	1 801	372	372	564	576	609	610	493	491	2 038	2 049	471	464	677	677	712	723	907	917	2 767	2 781	678	678	855	859	924	925	566	562	3 023	3 032				
Upstream	(32)	162	408	44	184	255	79	80	82	11	53	(19)	11	53	(19)	78	108	293	66	68	72	82	86	86	63	69	287	305	93	94	82	83	23	85	11	69	209	331		
Corporate functions	(557)	(565)	426	421	(744)	(751)	(152)	(152)	(152)	(152)	(133)	(129)	(176)	(183)	(813)	(814)	(152)	(152)	(214)	(212)	(169)	(166)	(214)	(263)	(749)	(730)	(205)	(205)	(207)	(201)	(246)	(245)	(234)	(892)	(885)					
EBITDA LIFO	3 086	5 213	7 745	8 738	9 557	9 412	2 319	2 321	3 045	3 058	2 997	3 047	1 918	2 022	10 279	10 448	1 896	1 893	2 111	2 127	2 389	2 405	2 822	2 089	9 028	8 324	2 004	2 014	2 715	2 732	3 094	3 167	1 389	1 504	9 202	9 417				

¹⁾ Impaired allowances of assets according to IAS 36

Depreciation

Item, PLN million	12 months 2013	12 months 2014 before impairment allowances ¹⁾	12 months 2015	12 months 2015 before impairment allowances ¹⁾	12 months 2016	12 months 2016 before impairment allowances ¹⁾	Q1 2017	Q1 2017 before impairment allowances ¹⁾	Q2 2017	Q2 2017 before impairment allowances ¹⁾	Q3 2017	Q3 2017 before impairment allowances ¹⁾	Q4 2017	Q4 2017 before impairment allowances ¹⁾	12 months 2017	12 months 2017 before impairment allowances ¹⁾	Q1 2018	Q1 2018 before impairment allowances ¹⁾	Q2 2018	Q2 2018 before impairment allowances ¹⁾	Q3 2018	Q3 2018 before impairment allowances ¹⁾	Q4 2018	Q4 2018 before impairment allowances ¹⁾	12 months 2018	12 months 2018 before impairment allowances ¹⁾	Q1 2019	Q1 2019 before impairment allowances ¹⁾	Q2 2019	Q2 2019 before impairment allowances ¹⁾	Q3 2019	Q3 2019 before impairment allowances ¹⁾	Q4 2019	Q4 2019 before impairment allowances ¹⁾	12 months 2019	12 months 2019 before impairment allowances ¹⁾		
Refining	958	755	644	644	689	689	180	180	186	186	202	202	239	239	807	807	204	204	241	241	247	247	268	268	960	960	960	951	951	964	964	963	963	381	381	1 459	1 459	
Petrochemical	875	853	825	825	828	828	181	181	188	188	192	192	200	200	761	761	203	203	210	210	205	205	208	208	831	831	831	831	205	205	205	205	212	212	244	244	921	921
Downstream	1 633	1 408	1 269	1 317	1 317	1 317	361	361	374	374	394	394	439	439	1 568	1 568	412	412	493	493	452	452	476	476	1 791	1 791	1 791	1 791	571	571	589	589	595	595	625	625	2 380	2 380
Retail	351	355	368	368	392	392	103	103	103	103	104	104	112	112	422	422	114	114	114	114	115	115	118	118	461	461	157	157	153	153	158	158	162	162	630	630		
Upstream	6	122	173	173	301	301	75	75	78	78	89	89	76	76	318	318	76	76	82	82	80	80	71	71	308	308	70	70	66	66	66	66	100	100	92	92	328	328
Corporate functions	121	108	85	85	100	100	23	23	26	26	29	29	35	35	113	113	25	25	26	26	26	26	30	30	32	32	113	113	35	35	38	38	40	40	55	55	168	168
Depreciation	2 111	1 991	1 895	1 895	2 119	2 119	562	561	581	616	642	642	721	721	2 421	2 421	628	628	673	677	677	677	697	697	2 673	2 673	833	833	846	846	893	893	934	934	3 506	3 506		

EBIT

Item, PLN million	12 months 2013	12 months 2014 before impairment allowances ¹⁾	12 months 2015	12 months 2015 before impairment allowances ¹⁾	12 months 2016	12 months 2016 before impairment allowances ¹⁾	Q1 2017	Q1 2017 before impairment allowances ¹⁾	Q2 2017	Q2 2017 before impairment allowances ¹⁾	Q3 2017	Q3 2017 before impairment allowances ¹⁾	Q4 2017	Q4 2017 before impairment allowances ¹⁾	12 months 2017	12 months 2017 before impairment allowances ¹⁾	Q1 2018	Q1 2018 before impairment allowances ¹⁾	Q2 2018	Q2 2018 before impairment allowances ¹⁾	Q3 2018	Q3 2018 before impairment allowances ¹⁾	Q4 2018	Q4 2018 before impairment allowances ¹⁾	12 months 2018 ²⁾	12 months 2018 before impairment allowances ¹⁾	Q1 2019	Q1 2019 before impairment allowances ¹⁾	Q2 2019	Q2 2019 before impairment allowances ¹⁾	Q3 2019	Q3 2019 before impairment allowances ¹⁾	Q4 2019	Q4 2019 before impairment allowances ¹⁾	12 months 2019	12 months 2019 before impairment allowances ¹⁾		
Refining	(492)	1 285	4 066	4 099	4 597	4 360	1 042	1 043	1 020	1 018	1 457	1 460	903	916	4 422	4 437	527	529	613	617	1 026	1 028	1 418	1 418	753	753	3 304	2 737	316	320	844	845	1 226	1 226	406	407	2 792	2 798
LIFO effect (Refining)	(688)	(2 417)	-1 513	-1 513	86	86	513	513	(304)	(304)	(96)	(96)	675	675	788	788	147	147	889	889	653	653	(729)	(729)	228	228	860	860	(194)	(194)	228	228	(262)	(262)	180	180	(148)	(148)
Petrochemical	1 266	1 517	2 305	2 408	2 411	2 430	617	617	1 157	1 158	659	659	278	281	2 711	2 715	572	572	512	512	282	282	172	137	1 538	1 503	551	558	552	557	572	581	15	45	1 690	1 741		
LIFO effect (Petrochemical)	20	(156)	3	3	(71)	(71)	6	6	(40)	(40)	(171)	(171)	56	56	11	11	(3)	(3)	47	47	26	26	(70)	(70)	0	0	19	19	(171)	(171)	(20)	(20)	38	38	14	14		
Downstream	774	2 802	4 371	4 507	7 008	6 726	1 659	1 660	2 177	2 176	2 116	2 116	1 811	1 817	7 133	7 152	1 099	1 101	1 125	1 125	1 308	1 310	1 590	890	4 932	4 340	867	878	1 296	1 462	1 798	1 807	421	452	4 482	4 538		
Retail	917	1 061	1 171	1 171	1 402	1 409	269	269	461	473	505	506	381	379	1 616	1 627	357	350	563	563	597	597	608	789	799	2 308	2 320	621	619	702	706	768	767	404	430	2 393	2 422	
Upstream	(38)	30	(81)	(81)	(119)	(119)	(46)	(46)	4	4	4	4	(78)	(86)	(95)	(2)	(165)	(25)	(9)	(7)	(10)	0	6	(8)	(2)	(21)	(3)	23	24	16	17	(77)	(15)	(81)	(23)	(119)	3	
Corporate functions	(878)	(871)	(71)	(70)	(844)	(851)	(175)	(175)	(178)	(178)	(162)	(162)	(211)	(218)	(726)	(727)	(177)	(177)	(240)	(238)	(199)	(196)	(246)	(205)	(240)	(206)	(240)	(240)	(245)	(239)	(288)	(288)	(289)	(289)	(1 060)	(1 053)		
EBITDA LIFO	975	3 222	5 850	6 843	7 447	7 302	1 757	1 759	2 464	2 477	2 381	2 431	1 256	1 366	7 858	8 027	1 270	1 267	1 438	1 454	1 712	1 728	2 125	1 292	6 255	5 651	1 171	1 181	1 869	1 886	2 201	2 274	455	570	5 696	5 911		

¹⁾ Impaired allowances of assets according to IAS 36

²⁾ In the 12 months of 2018, the Group adjusted in the line penalties and compensations penalties received for improper execution of the

Downstream Segment

Item, PLN million	12 months 2013 *	12 months 2014	12 months 2015	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018 **	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Segment revenues	92 986	85 941	69 611	60 094	18 053	17 698	19 336	20 154	75 241	18 771	21 847	25 014	24 105	89 737	20 577	23 867	23 796	22 463	90 703
External revenues	77 047	70 549	56 987	49 202	14 833	14 327	15 786	16 479	61 425	15 161	17 322	19 889	19 291	71 663	16 518	18 881	18 694	17 511	71 604
Inter-segment revenues	15 939	15 392	12 624	10 892	3 220	3 371	3 550	3 675	13 816	3 610	4 525	5 125	4 814	18 074	4 059	4 986	5 102	4 952	19 099
Operating expenses	(92 710)	(85 971)	(64 963)	(54 939)	(16 141)	(16 487)	(17 475)	(18 307)	(68 410)	(17 677)	(20 236)	(23 194)	(24 097)	(85 204)	(19 940)	(22 389)	(22 322)	(21 674)	(86 325)
Other operating income	188	468	276	1 964	223	584	114	127	1 048	281	464	113	934	1 593	121	200	230	333	861
Other operating expenses	(399)	(5 329)	(316)	(324)	(26)	(18)	(28)	(122)	(194)	(176)	(64)	(78)	(147)	(456)	(110)	(97)	(332)	(501)	(1 017)
Other operating income/expenses, net	(211)	(4 861)	(40)	1 640	197	566	86	5	854	105	400	35	787	1 137	11	103	(102)	(168)	(156)
(Loss)/reversal of loss due to impairment of financial instruments	0	0	0	0	0	0	0	0	0	9	(3)	6	(17)	(5)	0	(6)	(3)	(1)	(10)
Share in profit from investments accounted for under equity method	41	58	253	298	69	56	62	60	247	35	53	26	13	127	44	38	35	19	136
Operating profit/(loss) under LIFO increased by depreciation and amortisation (EBITDA LIFO) before impairment allowances	2 407	4 210	7 776	8 107	2 021	2 550	2 513	1 636	8 720	1 513	1 580	1 762	1 366	6 031	1 449	1 991	2 402	1 077	6 919
Operating profit/(loss) under LIFO increased by depreciation and amortisation (EBITDA LIFO)	2 407	(852)	7 640	8 325	2 020	2 551	2 510	1 620	8 701	1 511	1 576	1 760	2 066	6 723	1 438	1 985	2 393	1 046	6 862
Operating profit/(loss) increased by depreciation and amortisation (EBITDA)	1 739	(3 425)	6 130	8 410	2 539	2 207	2 403	2 351	9 500	1 655	2 512	2 339	1 267	7 583	1 263	2 202	1 999	1 264	6 728
Profit/(Loss) from operations under LIFO before impairment allowances	774	2 802	6 507	6 790	1 660	2 176	2 119	1 197	7 152	1 101	1 129	1 310	890	4 240	878	1 402	1 807	452	4 539
Profit/(Loss) from operations under LIFO	774	(2 260)	6 371	7 008	1 659	2 177	2 116	1 181	7 133	1 099	1 125	1 308	1 590	4 932	867	1 396	1 798	421	4 482
Profit/(Loss) from operations	106	(4 833)	4 861	7 093	2 178	1 833	2 009	1 912	7 932	1 243	2 061	1 887	791	5 792	692	1 613	1 404	639	4 348
Increases in non-current assets ***	1 596	2 714	2 242	3 533	446	678	675	1 126	2 925	400	715	626	900	2 451	394	624	673	1 266	2 957
Sales (thousand tonnes)	28 376	27 706	30 380	30 708	7 583	7 906	8 946	8 490	32 925	7 729	7 955	8 479	8 553	32 716	7 801	8 109	8 631	8 199	32 740

*) Restated data – change in consolidation method for Basell ORLEN Polyolefines Sp. z o.o. and Plocki Park Przemysłowo-Technologiczny S.A. in accordance with IFRS 11.

**) In the 12 months of 2018, the Group adjusted in the line penalties and compensations penalties received for improper execution of the contract of the power plant CCGT in Plock in the amount of PLN 190 million, and adjusted the purchase price of non-current asset.

***) In accordance with IFRS 16 Leases, the "increase in non-current assets" item includes rights-of-use - in the interests of consistency, the data for the I quarter of 2019 were also updated.

Retail Segment

Item, PLN million	12 months 2013 *	12 months 2014	12 months 2015	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Segment revenues	36 624	36 104	31 122	30 121	7 903	8 588	8 918	8 221	33 630	7 928	9 299	10 285	9 962	37 474	8 606	10 290	10 391	9 802	39 089
External revenues	36 462	35 913	31 052	29 841	7 892	8 550	8 814	8 094	33 350	7 919	9 191	10 276	9 953	37 339	8 544	10 189	10 382	9 795	38 910
Inter-segment revenues	162	191	70	280	11	38	104	127	280	9	108	9	9	135	62	101	9	7	179
Operating expenses	(35 695)	(35 015)	(29 934)	(28 681)	(7 634)	(8 111)	(8 406)	(7 835)	(31 986)	(7 576)	(8 727)	(9 680)	(9 156)	(35 139)	(8 085)	(9 578)	(9 612)	(9 370)	(36 645)
Other operating income	90	182	50	87	17	13	20	55	105	22	15	19	58	114	17	38	7	60	122
Other operating expenses	(102)	(186)	(67)	(125)	(17)	(29)	(27)	(60)	(133)	(17)	(23)	(26)	(75)	(141)	(15)	(46)	(18)	(87)	(166)
Other operating income/expenses, net	(12)	(4)	(17)	(38)	0	(16)	(7)	(5)	(28)	5	(8)	(7)	(17)	(27)	2	(8)	(11)	(27)	(44)
(Loss)/reversal of loss due to impairment of financial instruments	0	0	0	0	0	0	0	0	0	0	(1)	(1)	0	(2)	(2)	(2)	(2)	(1)	(7)
Operating profit/(loss) increased by depreciation and amortisation (EBITDA) before impairment allowances	1 268	1 416	1 539	1 801	372	576	610	491	2 049	464	677	723	917	2 781	676	859	925	592	3 052
Operating profit/(loss) increased by depreciation and amortisation (EBITDA)	1 268	1 440	1 539	1 794	372	564	609	493	2 038	471	677	712	907	2 767	678	855	924	566	3 023
Profit/(Loss) from operations under LIFO before impairment allowances	917	1 061	1 171	1 409	269	473	506	379	1 627	350	563	608	799	2 320	519	706	767	430	2 422
Profit/(Loss) from operations	917	1 085	1 171	1 402	269	461	505	381	1 616	357	563	597	789	2 306	521	702	766	404	2 393
Increases in non-current assets **	467	345	448	479	88	124	131	335	678	128	159	192	353	832	183	192	358	658	1 391
Sales (thousand tonnes)	7 516	7 776	7 986	8 187	1 953	2 262	2 336	2 268	8 819	2 167	2 375	2 501	2 405	9 448	2 236	2 480	2 620	2 481	9 817

* Restated data – change in consolidation method for Basell ORLEN Polyolefines Sp. z o.o. and Plocki Park Przemysłowo-Technologiczny S.A. in accordance with IFRS 11.

** In accordance with IFRS 16 Leases, the "increase in non-current assets" item includes rights-of-use - in the interests of consistency, the data for the I quarter of 2019 were also updated.

Upstream Segment

Item, PLN million	12 months 2013 *	12 months 2014	12 months 2015	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Segment revenues	17	298	215	442	134	133	115	133	515	145	165	154	141	605	163	141	134	170	608
External revenues	17	298	215	442	134	133	115	133	515	145	165	154	141	605	163	141	134	170	608
Inter-segment revenues	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Operating expenses	(48)	(271)	(347)	(537)	(129)	(129)	(150)	(132)	(540)	(132)	(141)	(145)	(152)	(570)	(140)	(136)	(163)	(168)	(607)
Other operating income	83	4	3	60	0	1	0	3	4	0	3	0	268	271	0	16	14	65	95
Other operating expenses	(90)	(323)	(852)	(83)	(1)	0	(43)	(101)	(145)	(22)	(37)	(3)	(265)	(327)	0	(5)	(62)	(148)	(215)
Other operating income/expenses, net	(7)	(319)	(849)	(23)	(1)	1	(43)	(98)	(141)	(22)	(34)	(3)	3	(56)	0	11	(48)	(83)	(120)
Share in profit from investments accounted for under equity method	0	0	0	(1)	0	(1)	0	2	1	0	0	0	0	0	0	0	0	0	0
Operating profit/(loss) increased by depreciation and amortisation (EBITDA) before impairment allowances	(32)	152	44	255	80	82	53	78	293	68	82	86	69	305	94	83	85	69	331
Operating profit/(loss) increased by depreciation and amortisation (EBITDA)	(32)	(170)	(808)	182	79	82	11	(19)	153	66	72	86	63	287	93	82	23	11	209
Profit/(Loss) from operations before impairment allowances	(38)	30	(129)	(46)	5	4	(36)	2	(25)	(7)	0	6	(2)	(3)	24	17	(15)	(23)	3
Profit/(Loss) from operations	(38)	(292)	(981)	(119)	4	4	(78)	(95)	(165)	(9)	(10)	6	(8)	(21)	23	16	(77)	(81)	(119)
Increases in non-current assets **	304	499	288	525	153	339	122	164	778	247	134	172	187	740	148	119	136	231	634
Sales (thousand tonnes)	17	258	310	558	147	153	172	166	638	171	182	172	203	728	184	179	180	193	736

*) Restated data – change in consolidation method for Basell ORLEN Polyolefines Sp. z o.o. and Plocki Park Przemysłowo-Technologiczny S.A. in accordance with IFRS 11.

**) In accordance with IFRS 16 Leases, the "increase in non-current assets" item includes rights-of-use - in the interests of consistency, the data for the I quarter of 2019 were also updated.

Corporate Functions

Item, PLN million	12 months 2013 *	12 months 2014	12 months 2015	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Segment revenues	314	311	288	351	90	97	99	130	416	124	129	133	144	530	120	130	126	149	525
External revenues	71	72	82	68	16	15	15	28	74	16	23	25	35	99	21	17	19	24	81
Inter-segment revenues	243	239	206	283	74	82	84	102	342	108	106	108	109	431	99	113	107	125	444
Operating expenses	(1 078)	(1 007)	(971)	(1 072)	(254)	(267)	(266)	(345)	(1 132)	(291)	(331)	(325)	(380)	(1 327)	(333)	(361)	(375)	(453)	(1 522)
Other operating income	210	112	91	53	9	14	12	51	86	41	32	23	115	172	3	8	9	21	41
Other operating expenses	(123)	(86)	(119)	(176)	(20)	(22)	(7)	(47)	(96)	(47)	(70)	(30)	(120)	(228)	(22)	(15)	(28)	(15)	(80)
Other operating income/expenses, net	87	26	(28)	(123)	(11)	(8)	5	4	(10)	(6)	(38)	(7)	(5)	(56)	(19)	(7)	(19)	6	(39)
(Loss)/reversal of loss due to impairment of financial instruments	0	0	0	0	0	0	0	0	0	(4)	0	0	(5)	(9)	(8)	(7)	(18)	9	(24)
Share in profit from investments accounted for under equity method	(1)	(1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Operating profit/(loss) increased by depreciation and amortisation (EBITDA) before impairment allowances	(557)	(565)	(621)	(751)	(152)	(150)	(129)	(183)	(614)	(152)	(212)	(166)	(263)	(793)	(205)	(201)	(245)	(234)	(885)
Operating profit/(loss) increased by depreciation and amortisation (EBITDA)	(557)	(565)	(626)	(744)	(152)	(152)	(133)	(176)	(613)	(152)	(214)	(169)	(214)	(749)	(205)	(207)	(246)	(234)	(892)
Profit/(Loss) from operations before impairment allowances	(678)	(671)	(706)	(851)	(175)	(176)	(158)	(218)	(727)	(177)	(238)	(196)	(295)	(906)	(240)	(239)	(285)	(289)	(1 053)
Profit/(Loss) from operations	(678)	(671)	(711)	(844)	(175)	(178)	(162)	(211)	(726)	(177)	(240)	(199)	(246)	(862)	(240)	(245)	(286)	(289)	(1 060)
Increase in non-current assets **	117	230	205	136	36	57	49	79	221	27	62	37	131	257	24	59	152	155	390

*) Restated data – change in consolidation method for Basell ORLEN Polyolefines Sp. z o.o. and Plocki Park Przemysłowo-Technologiczny S.A. in accordance with IFRS 11.

***) In accordance with IFRS 16 Leases, the "increase in non-current assets" item includes rights-of-use - in the interests of consistency, the data for the 1 quarter of 2019 were also updated.

Consolidated statement of profit or loss and other comprehensive income

Item, PLN million	Q1 2013 *	Q2 2013 *	Q3 2013 *	Q4 2013 *	12 months 2013 *	Q1 2014	Q2 2014	Q3 2014	Q4 2014	12 months 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	12 months 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017
Statement of profit or loss																									
Sales revenues	27 450	28 221	30 304	27 622	113 597	24 119	28 651	29 160	24 902	106 832	20 005	24 776	23 468	20 087	88 336	16 213	19 355	21 083	22 902	79 553	22 875	23 025	24 730	24 734	95 364
Cost of sales	(25 834)	(27 068)	(28 381)	(26 570)	(107 853)	(22 821)	(27 163)	(26 785)	(24 241)	(101 010)	(17 523)	(20 880)	(20 973)	(18 416)	(77 792)	(14 574)	(16 223)	(18 349)	(19 077)	(68 223)	(19 449)	(20 151)	(21 060)	(21 106)	(81 766)
Gross profit on sales	1 616	1 153	1 923	1 052	5 744	1 298	1 488	2 375	661	5 822	2 482	3 896	2 495	1 671	10 544	1 639	3 132	2 734	3 825	11 330	3 426	2 874	3 670	3 628	13 598
Distribution expenses	(943)	(957)	(998)	(985)	(3 883)	(915)	(971)	(1 021)	(1 013)	(3 920)	(934)	(986)	(990)	(1 061)	(3 971)	(1 001)	(1 004)	(1 054)	(1 066)	(4 125)	(1 037)	(983)	(1 140)	(1 167)	(4 327)
Administrative expenses	(354)	(372)	(334)	(391)	(1 451)	(346)	(366)	(383)	(417)	(1 512)	(388)	(402)	(332)	(430)	(1 552)	(362)	(370)	(323)	(371)	(1 426)	(367)	(369)	(359)	(442)	(1 537)
Other operating income	73	173	103	222	571	303	129	86	248	766	81	116	75	148	420	198	718	444	803	2 163	249	612	146	236	1 243
Other operating expenses	(68)	(141)	(113)	(392)	(714)	(102)	(5 118)	(79)	(625)	(5 924)	(62)	(534)	(177)	(581)	(1 354)	(81)	(84)	(95)	(447)	(707)	(64)	(69)	(105)	(330)	(568)
Share in profit from investments accounted for under equity method	10	4	20	6	40	16	21	23	(3)	57	31	73	85	64	253	85	99	68	45	297	69	55	62	62	248
Profit/(Loss) from operations	334	(140)	601	(488)	307	254	(4 817)	1 001	(1 149)	(4 711)	1 210	2 163	1 156	(189)	4 340	478	2 491	1 774	2 789	7 532	2 276	2 120	2 274	1 987	8 657
Finance income	117	105	376	178	460	48	34	132	140	354	89	70	101	130	390	45	54	194	123	248	679	201	214	733	1 760
Finance costs	(338)	(230)	(171)	(187)	(610)	(148)	(947)	(389)	(405)	(1 889)	(265)	(262)	(202)	(283)	(1 032)	(89)	(509)	(41)	(422)	(893)	(416)	(198)	(428)	(725)	(1 700)
Net finance income and costs	(221)	(125)	205	(9)	(150)	(100)	(913)	(257)	(265)	(1 535)	(176)	(212)	(101)	(153)	(642)	(44)	(455)	153	(299)	(645)	263	3	(214)	8	60
Profit/(Loss) before tax	113	(265)	806	(497)	157	154	(5 730)	744	(1 414)	(6 246)	1 034	1 951	1 055	(342)	3 698	434	2 036	1 927	2 490	6 887	2 539	2 123	2 060	1 995	8 717
Tax expense	32	36	(154)	19	(67)	(28)	340	(129)	235	418	(166)	(402)	(170)	273	(465)	(98)	(244)	(358)	(447)	(1 147)	(451)	(369)	(363)	(361)	(1 544)
Net profit/(loss)	145	(229)	652	(478)	90	126	(5 390)	615	(1 179)	(5 828)	868	1 549	885	(69)	3 233	336	1 792	1 569	2 043	5 740	2 088	1 754	1 697	1 634	7 173
Items of other comprehensive income:																									
which will not be reclassified into profit or loss	(7)	(2)	(1)	4	(6)	0	0	0	(16)	(16)	0	0	0	3	3	0	0	0	(4)	(4)	0	0	0	(13)	(13)
<i>fair value measurement of investment property as at the date of reclassification</i>	(9)	(2)	(1)	0	(12)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	0	0	0
<i>actuarial gains and losses</i>	0	0	0	4	4	0	0	0	(20)	(20)	0	0	0	4	4	0	0	0	(10)	(10)	0	0	0	(15)	(15)
<i>deferred tax</i>	2	0	0	0	2	0	0	0	4	4	0	0	0	(1)	(1)	0	0	0	0	0	0	0	0	2	2
which were or will be reclassified into profit or loss	120	73	(48)	(339)	(194)	(65)	590	(67)	(1 113)	(655)	100	210	809	208	1 327	(120)	257	(80)	164	221	76	108	187	(235)	136
<i>hedging instruments</i>	23	(109)	188	158	260	(100)	(125)	(100)	(1 433)	(1 758)	296	28	1 008	198	1 530	(131)	(213)	277	(329)	(306)	832	41	(86)	142	929
<i>exchange differences on translating foreign operations</i>	101	162	(201)	(467)	(405)	16	691	14	48	769	(140)	188	(7)	47	88	(14)	430	(300)	426	542	(598)	78	253	(351)	(618)
<i>deferred tax</i>	(4)	20	(35)	(30)	(49)	19	24	19	272	334	(56)	(6)	(192)	(37)	(291)	25	40	(57)	67	75	(158)	(11)	20	(26)	(175)
Total items of other comprehensive income	113	71	(49)	(335)	(200)	(65)	590	(67)	(1 129)	(671)	100	210	809	211	1 330	(120)	257	(80)	160	217	76	108	187	(248)	123
Total net comprehensive income	258	(158)	603	(813)	(110)	61	(4 800)	548	(2 308)	(6 499)	968	1 759	1 694	142	4 563	216	2 049	1 489	2 203	5 957	2 164	1 862	1 884	1 386	7 296
Net profit/(loss) attributable to	145	(229)	652	(478)	90	126	(5 390)	615	(1 179)	(5 828)	868	1 549	885	(69)	3 233	336	1 792	1 569	2 043	5 740	2 088	1 754	1 697	1 634	7 173
<i>equity owners of the parent</i>	149	(207)	635	(421)	176	64	(5 197)	538	(1 216)	(5 811)	796	1 367	795	(81)	2 837	337	1 608	1 327	1 789	5 261	1 920	1 541	1 603	1 591	6 655
<i>non-controlling interest</i>	(4)	(22)	(3)	(57)	(86)	62	(193)	77	37	(17)	112	182	90	12	396	(1)	184	42	254	479	168	213	94	43	518
Total net comprehensive income attributable to	258	(158)	603	(813)	(110)	61	(4 800)	548	(2 308)	(6 499)	968	1 759	1 694	142	4 563	216	2 049	1 489	2 203	5 957	2 164	1 862	1 884	1 386	7 296
<i>equity owners of the parent</i>	277	(186)	634	(613)	112	(55)	(4 597)	455	(2 387)	(6 584)	929	1 521	1 576	81	4 107	254	1 781	1 508	1 902	5 445	2 101	1 529	1 717	1 370	6 717
<i>non-controlling interest</i>	(19)	28	(31)	(200)	(222)	116	(203)	93	79	85	39	238	118	61	456	(38)	268	(19)	301	512	63	333	167	16	579
Net profit/(loss) and diluted net profit/(loss) per share attributable to equity owners of the parent (in PLN per share)	0,35	(0,48)	1,54	(0,99)	0,41	0,15	(12,15)	1,26	(2,85)	(13,59)	1,77	3,19	1,86	(0,19)	6,63	0,79	3,76	3,57	4,18	12,30	4,49	3,60	3,75	3,72	15,56

* Restated data – change in consolidation method for Basell ORLEN Polyolefines Sp. z o.o. and Plocki Park Przemysłowo-Technologiczny S.A. in accordance with IFRS 11.

Consolidated statement of profit or loss and other comprehensive income

Item, PLN million	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018 *
Sales revenues	23 241	26 701	30 344	29 420	109 706
<i>revenues from sales of finished goods and services</i>	19 092	21 830	25 509	24 583	91 014
<i>revenues from sales of merchandise and raw materials</i>	4 149	4 871	4 835	4 837	18 692
Cost of sales	(20 436)	(23 169)	(26 495)	(27 165)	(97 265)
<i>cost of finished goods and services sold</i>	(16 723)	(18 794)	(22 264)	(23 000)	(80 781)
<i>cost of merchandise and raw materials sold</i>	(3 713)	(4 375)	(4 231)	(4 165)	(16 484)
Gross profit on sales	2 805	3 532	3 849	2 255	12 441
Distribution expenses	(1 135)	(1 140)	(1 223)	(1 247)	(4 745)
Administrative expenses	(378)	(387)	(384)	(441)	(1 590)
Other operating income	344	514	155	1 375	2 150
Other operating expenses	(262)	(194)	(137)	(607)	(1 152)
(Loss)/reversal of loss due to impairment of financial instruments	5	(4)	5	(22)	(16)
Share in profit from investments accounted for under equity method	35	53	26	13	127
Profit from operations	1 414	2 374	2 291	1 326	7 215
Finance income	503	422	391	244	1 413
Finance costs	(671)	(564)	(134)	(295)	(1 517)
Net finance income and costs	(168)	(142)	257	(51)	(104)
(Loss)/reversal of loss due to impairment of financial instruments	(1)	0	0	0	(1)
Profit before tax	1 245	2 232	2 548	1 275	7 110
Tax expense	(201)	(459)	(473)	(373)	(1 506)
<i>current tax</i>	(187)	(405)	(429)	(160)	(1 181)
<i>deferred tax</i>	(14)	(54)	(44)	(213)	(325)
Net profit	1 044	1 773	2 075	902	5 604
Other comprehensive income:	13	224	(144)	345	438
which will not be reclassified subsequently into profit or loss	6	(9)	(12)	(9)	(24)
<i>actuarial gains and losses</i>	0	0	0	(5)	(5)
<i>gains/(losses) on investments in equity instruments at fair value through other comprehensive income</i>	8	(12)	(14)	(5)	(23)
<i>deferred tax</i>	(2)	3	2	1	4
which will be reclassified into profit or loss	7	233	(132)	354	462
<i>hedging instruments</i>	(39)	(343)	40	354	12
<i>hedging costs</i>	24	26	17	(29)	38
<i>exchange differences on translating foreign operations</i>	16	492	(177)	84	415
<i>deferred tax</i>	6	58	(12)	(55)	(3)
Total net comprehensive income	1 057	1 997	1 931	1 247	6 042
Net profit attributable to	1 044	1 773	2 075	902	5 604
<i>equity owners of the parent</i>	1 042	1 744	2 063	897	5 556
<i>non-controlling interest</i>	2	29	12	5	48
Total net comprehensive income attributable to	1 057	1 997	1 931	1 247	6 042
<i>equity owners of the parent</i>	1 006	1 968	1 924	1 229	5 937
<i>non-controlling interest</i>	51	29	7	18	105
Net profit and diluted net profit per share attributable to equity owners of the parent (in PLN per share)	2,44	4,07	4,83	2,10	12,99

*) In the 12 months of 2018, the Group adjusted in the line penalties and compensations penalties received for improper execution of the contract of the power plant CCGT in Plock in the amount of PLN 190 million, and adjusted the purchase price of non-current asset.

Consolidated statement of profit or loss and other comprehensive income

Item, PLN million	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Sales revenues	25 246	29 228	29 229	27 500	111 203
<i>revenues from sales of finished goods and services</i>	21 239	24 349	24 566	22 855	93 009
<i>revenues from sales of merchandise and raw materials</i>	4 007	4 879	4 663	4 645	18 194
Cost of sales	(22 392)	(25 269)	(25 192)	(24 365)	(97 218)
<i>cost of finished goods and services sold</i>	(18 813)	(21 050)	(21 060)	(20 260)	(81 183)
<i>cost of merchandise and raw materials sold</i>	(3 579)	(4 219)	(4 132)	(4 105)	(16 035)
Gross profit on sales	2 854	3 959	4 037	3 135	13 985
Distribution expenses	(1 465)	(1 546)	(1 637)	(1 707)	(6 355)
Administrative expenses	(421)	(449)	(425)	(509)	(1 804)
Other operating income	141	262	260	479	1 119
Other operating expenses	(147)	(163)	(440)	(751)	(1 478)
(Loss)/reversal of loss due to impairment of financial instruments	(10)	(15)	(23)	7	(41)
Share in profit from investments accounted for under equity method	44	38	35	19	136
Profit from operations	996	2 086	1 807	673	5 562
Finance income	264	222	245	446	890
Finance costs	(266)	(184)	(485)	(253)	(901)
Net finance income and costs	(2)	38	(240)	193	(11)
(Loss)/reversal of loss due to impairment of financial instruments	0	(1)	0	(1)	(2)
Profit before tax	994	2 123	1 567	865	5 549
Tax expense	(145)	(522)	(301)	(94)	(1 062)
<i>current tax</i>	(183)	(337)	(357)	(125)	(1 002)
<i>deferred tax</i>	38	(185)	56	31	(60)
Net profit	849	1 601	1 266	771	4 487
Other comprehensive income:					
which will not be reclassified subsequently into profit or loss	(7)	(9)	(1)	(18)	(35)
<i>actuarial gains and losses</i>	0	0	0	(21)	(21)
<i>gains/(losses) on investments in equity instruments at fair value through other comprehensive income</i>	(8)	(9)	(1)	(2)	(20)
<i>deferred tax</i>	1	0	0	5	6
which will be reclassified into profit or loss	(152)	121	321	(185)	105
<i>hedging instruments</i>	(356)	210	(151)	149	(148)
<i>hedging costs</i>	82	(5)	(20)	58	115
<i>exchange differences on translating foreign operations</i>	80	(45)	445	(342)	138
<i>deferred tax</i>	42	(39)	47	(50)	0
Total net comprehensive income	690	1 713	1 586	568	4 557
Net profit attributable to	849	1 601	1 266	771	4 487
<i>equity owners of the parent</i>	849	1 602	1 266	772	4 489
<i>non-controlling interest</i>	0	(1)	0	(1)	(2)
Total net comprehensive income attributable to	690	1 713	1 586	568	4 557
<i>equity owners of the parent</i>	690	1 714	1 586	569	4 559
<i>non-controlling interest</i>	0	(1)	0	(1)	(2)
Net profit and diluted net profit per share attributable to equity owners of the parent (in PLN per share)	1,98	3,75	2,96	1,80	10,50

Consolidated statement of financial position

Item, PLN million	31.03.2013 *	30.06.2013 *	30.09.2013 *	31.12.2013 *	31.03.2014	30.06.2014	30.09.2014	31.12.2014	31.03.2015	30.06.2015	30.09.2015	31.12.2015
ASSETS												
Property, plant and equipment	24 310	24 527	24 186	24 904	25 234	22 021	22 509	22 644	22 618	22 428	22 489	24 536
Investment property	124	126	125	121	120	113	113	111	109	111	113	103
Intangible assets	1 224	982	974	823	1 059	615	636	703	788	606	617	1 298
Perpetual usufruct of land	93	93	92	95	94	88	89	89	93	94	96	99
Investments accounted for under equity method	605	589	610	615	632	652	675	672	703	661	746	774
Financial assets available for sale	41	40	40	40	40	41	40	40	40	41	41	40
Deferred tax assets	272	301	262	151	154	237	223	385	244	272	261	365
Other financial assets	26	41	64	158	35	41	140	327	519	375	481	147
Non-current assets	26 695	26 699	26 353	26 907	27 368	23 808	24 425	24 971	25 114	24 588	24 844	27 362
Inventories	16 507	13 830	15 264	13 749	16 208	12 894	12 770	9 829	10 167	10 721	11 916	10 715
Trade and other receivables	8 762	8 817	8 999	7 768	8 406	8 362	8 439	7 057	7 429	9 088	7 663	6 597
Other financial assets	82	288	78	165	176	203	339	862	674	455	520	974
Current tax assets	119	63	54	59	66	32	24	35	44	26	37	44
Cash and cash equivalents	1 145	4 414	2 492	2 689	758	5 295	4 981	3 937	3 090	4 140	4 869	2 348
Non-current assets classified as held for sale	20	20	16	15	24	13	6	34	17	7	17	97
Current assets	26 635	27 432	26 903	24 445	25 638	26 799	26 559	21 754	21 421	24 437	25 022	20 775
Total assets	53 330	54 131	53 256	51 352	53 006	50 607	50 984	46 725	46 535	49 025	49 866	48 137
EQUITY AND LIABILITIES												
EQUITY												
Share capital	1 058	1 058	1 058	1 058	1 058	1 058	1 058	1 058	1 058	1 058	1 058	1 058
Share premium	1 227	1 227	1 227	1 227	1 227	1 227	1 227	1 227	1 227	1 227	1 227	1 227
Hedging reserve	(52)	(141)	9	148	59	(39)	(133)	(1 319)	(1 061)	(1 030)	(215)	(80)
Revaluation reserve	2	1	1	0	0	0	0	0	0	0	0	0
Foreign exchange differences on subsidiaries from consolidation	192	303	132	(201)	(231)	467	478	509	424	547	513	537
Retained earnings	24 328	23 480	24 134	23 716	23 803	17 990	18 528	17 296	18 052	18 713	19 508	19 431
Total equity attributable to equity owners of the parent	26 755	25 928	26 561	25 948	25 916	20 703	21 158	18 771	19 700	20 515	22 091	22 173
Non-controlling interest	1 808	1 833	1 803	1 603	1 696	1 492	1 585	1 615	1 654	1 892	2 010	2 071
Total equity	28 563	27 761	28 364	27 551	27 612	22 195	22 743	20 386	21 354	22 407	24 101	24 244
LIABILITIES												
Loans, borrowings and bonds	6 507	6 852	5 772	6 507	7 734	10 123	10 054	9 670	8 733	8 046	9 656	8 131
Provisions	656	668	667	658	657	676	681	709	707	740	740	710
Deferred tax liabilities	673	581	717	538	482	458	465	75	113	332	549	674
Deferred income	15	15	15	10	10	9	10	8	8	8	8	8
Other financial liabilities	153	177	157	133	219	468	702	1 843	819	785	1 128	704
Non-current liabilities	8 004	8 293	7 328	7 846	9 102	11 734	11 912	12 305	10 380	9 911	12 081	10 227
Trade and other liabilities	12 449	14 405	15 120	14 013	12 985	14 392	14 668	11 215	11 310	13 732	11 454	10 658
Loans and borrowings	3 145	2 695	1 585	850	2 040	1 508	811	987	518	535	896	1 027
Current tax liabilities	54	20	20	36	46	19	55	42	17	118	203	162
Provisions	764	577	604	821	874	424	497	648	704	475	597	749
Deferred income	256	224	181	124	279	239	190	122	282	244	191	128
Other financial liabilities	95	155	53	110	64	96	108	1 020	1 970	1 603	343	870
Liabilities directly associated with assets classified as held for sale	0	1	1	1	4	0	0	0	0	0	0	72
Current liabilities	16 763	18 077	17 564	15 955	16 292	16 678	16 329	14 034	14 801	16 707	13 684	13 666
Total liabilities	24 767	26 370	24 892	23 801	25 394	28 412	28 241	26 339	25 181	26 618	25 765	23 893
Total equity and liabilities	53 330	54 131	53 256	51 352	53 006	50 607	50 984	46 725	46 535	49 025	49 866	48 137

*) Restated data – change in consolidation method for Basell ORLEN Polyolefines Sp. z o.o. and Plocki Park Przemyslowo-Technologiczny S.A. in accordance with IFRS 11.

Consolidated statement of financial position

Item, PLN million	31.12.2015	31.03.2016	30.06.2016	30.09.2016	31.12.2016
ASSETS					
Property, plant and equipment	24 536	25 037	26 136	26 520	27 671
Intangible assets	1 298	1 521	1 176	1 176	1 377
Investments accounted for under equity method	774	859	780	846	763
Deferred tax assets	365	338	376	311	167
Other financial assets	147	111	59	85	99
Other assets	242	247	253	251	244
Non-current assets	27 362	28 113	28 780	29 189	30 321
Inventories	10 715	9 236	10 646	10 388	11 182
Trade and other receivables	6 641	6 604	7 857	7 770	8 674
Other financial assets	974	742	422	372	249
Cash and cash equivalents	2 348	3 467	4 094	3 858	5 072
Non-current assets classified as held for sale	97	55	10	27	61
Current assets	20 775	20 104	23 029	22 415	25 238
Total assets	48 137	48 217	51 809	51 604	55 559
EQUITY AND LIABILITIES					
EQUITY					
Share capital	1 058	1 058	1 058	1 058	1 058
Share premium	1 227	1 227	1 227	1 227	1 227
Hedging reserve	(80)	(145)	(330)	(103)	(355)
Revaluation reserve	0	0	0	0	5
Foreign exchange differences on subsidiaries from consolidation	537	519	877	631	946
Retained earnings	19 431	19 768	20 520	22 047	23 882
Equity attributable to owners of the parent	22 173	22 427	23 352	24 860	26 763
Non-controlling interests	2 071	2 033	2 240	2 221	2 522
Total equity	24 244	24 460	25 592	27 081	29 285
LIABILITIES					
Loans, borrowings and bonds	8 131	7 893	7 892	7 624	7 446
Provisions	710	730	759	767	828
Deferred tax liabilities	674	664	853	928	809
Other financial liabilities	712	567	684	543	569
Non-current liabilities	10 227	9 854	10 188	9 862	9 652
Trade and other liabilities	10 820	11 041	13 552	12 444	14 250
Loans and borrowings	1 027	1 041	1 273	1 187	989
Provisions	749	767	406	465	666
Deferred income	128	271	233	193	145
Other financial liabilities	870	748	565	372	572
Liabilities directly associated with assets classified as held for sale	72	35	0	0	0
Current liabilities	13 666	13 903	16 029	14 661	16 622
Total liabilities	23 893	23 757	26 217	24 523	26 274
Total equity and liabilities	48 137	48 217	51 809	51 604	55 559

Consolidated statement of financial position

Item, PLN million	31.12.2016	31.03.2017	30.06.2017	30.09.2017	31.12.2017	31.03.2018	30.06.2018	30.09.2018	31.12.2018
ASSETS									
Property, plant and equipment	27 671	27 364	27 978	28 499	29 071	29 197	29 963	30 181	31 390
Intangible assets	1 377	1 529	1 222	1 249	1 272	1 543	1 202	1 268	1 323
Investments accounted for under equity method	763	830	710	774	758	750	641	667	650
Deferred tax assets	167	132	109	60	49	32	26	30	70
Derivatives	66	168	257	196	303	260	95	167	161
Other assets	277	286	283	288	287	344	337	345	338
Non-current assets	30 321	30 309	30 559	31 066	31 740	32 126	32 264	32 658	33 932
Inventories	11 182	11 946	11 036	11 353	12 440	13 348	14 446	15 409	14 362
Trade and other receivables	8 553	7 896	8 420	9 541	9 518	9 862	11 826	12 552	10 479
Current tax assets	121	74	101	81	80	101	86	88	114
Cash and cash equivalents	5 072	3 816	5 833	6 533	6 244	4 080	5 278	6 012	4 192
Non-current assets classified as held for sale	61	25	15	12	75	62	22	75	202
Derivatives	97	435	380	374	434	445	572	583	524
Other assets	152	94	145	116	133	68	77	79	336
Current assets	25 238	24 286	25 930	28 010	28 924	27 966	32 307	34 798	30 209
Total assets	55 559	54 595	56 489	59 076	60 664	60 092	64 571	67 456	64 141
EQUITY AND LIABILITIES									
EQUITY									
Share capital	1 058	1 058	1 058	1 058	1 058	1 058	1 058	1 058	1 058
Share premium	1 227	1 227	1 227	1 227	1 227	1 227	1 227	1 227	1 227
Hedging reserve	(355)	297	293	231	331	297	48	90	361
Revaluation reserve	5	5	5	5	5	11	2	(10)	(15)
Exchange differences on translating foreign operations	946	475	467	643	334	326	808	639	709
Retained earnings	23 882	25 802	26 060	27 663	29 242	29 308	29 769	31 832	32 387
Equity attributable to equity owners of the parent	26 763	28 864	29 110	30 827	32 197	32 227	32 912	34 836	35 727
Non-controlling interests	2 522	2 585	2 829	2 996	3 014	501	530	537	12
Total equity	29 285	31 449	31 939	33 823	35 211	32 728	33 442	35 373	35 739
LIABILITIES									
Loans, borrowings and bonds	7 446	6 536	6 351	6 449	6 688	7 831	8 499	8 549	8 598
Provisions	828	813	844	845	902	902	931	929	1 055
Deferred tax liabilities	809	1 045	1 114	1 085	1 095	1 091	1 079	1 138	1 445
Derivatives	280	127	119	134	75	53	70	46	42
Other liabilities	289	293	290	293	311	324	333	354	366
Non-current liabilities	9 652	8 814	8 718	8 806	9 071	10 201	10 912	11 016	11 506
Trade and other liabilities	13 591	11 977	13 877	14 196	14 469	13 900	17 047	17 717	13 697
Liabilities from contracts with customers	0	0	0	0	0	164	227	251	231
Loans and bonds	989	933	657	652	317	1 403	1 035	1 114	1 193
Provisions	666	724	451	539	673	820	564	736	1 019
Current tax liabilities	659	215	296	418	290	297	481	482	473
Derivatives	403	149	195	208	313	287	576	500	193
Other liabilities	314	334	356	434	320	292	287	267	90
Current liabilities	16 622	14 332	15 832	16 447	16 382	17 163	20 217	21 067	16 896
Total liabilities	26 274	23 146	24 550	25 253	25 453	27 364	31 129	32 083	28 402
Total equity and liabilities	55 559	54 595	56 489	59 076	60 664	60 092	64 571	67 456	64 141

Consolidated statement of financial position

Item, PLN million	31.03.2019	30.06.2019	30.09.2019	31.12.2019
ASSETS				
Property, plant and equipment	31 130	31 249	31 788	32 351
Intangible assets	1 992	1 281	1 352	1 600
Rights of use assets	3 684	3 606	3 692	3 953
Investments accounted for under equity method	694	625	660	678
Deferred tax assets	62	48	40	79
Derivatives	150	254	52	310
Long-term lease receivables	21	18	15	13
Other assets	213	194	201	215
Non-current assets	37 946	37 275	37 800	39 199
Inventories	15 337	14 554	14 698	15 324
Trade and other receivables	11 440	11 771	11 336	9 669
Current tax assets	182	247	215	264
Cash and cash equivalents	3 665	6 168	6 813	6 159
Non-current assets classified as held for sale	66	22	29	38
Derivatives	306	352	374	243
Short-term lease receivables	11	11	12	12
Other assets	30	370	274	468
Current assets	31 037	33 495	33 751	32 177
Total assets	68 983	70 770	71 551	71 376
EQUITY AND LIABILITIES				
EQUITY				
Share capital	1 058	1 058	1 058	1 058
Share premium	1 227	1 227	1 227	1 227
Hedging reserve	129	295	171	328
Revaluation reserve	(22)	(31)	(32)	(33)
Exchange differences on translating foreign operations	789	744	1 189	847
Retained earnings	33 232	33 337	34 603	35 358
Equity attributable to equity owners of the parent	36 413	36 630	38 216	38 785
Non-controlling interests	12	11	11	11
Total equity	36 425	36 641	38 227	38 796
LIABILITIES				
Loans and bonds	8 604	8 172	8 381	8 185
Provisions	1 046	1 045	1 065	1 114
Deferred tax liabilities	1 354	1 565	1 462	1 508
Derivatives	36	29	58	2
Lease liabilities	3 075	3 018	3 095	3 371
Other liabilities	192	184	180	161
Non-current liabilities	14 307	14 013	14 241	14 341
Trade and other liabilities	15 074	17 346	16 165	15 125
Lease liabilities	581	550	597	618
Liabilities from contracts with customers	243	263	309	246
Loans and bonds	112	413	401	422
Provisions	1 277	732	903	1 199
Current tax liabilities	161	204	189	127
Derivatives	149	239	234	266
Other liabilities	654	369	285	236
Current liabilities	18 251	20 116	19 083	18 239
Total liabilities	32 558	34 129	33 324	32 580
Total equity and liabilities	68 983	70 770	71 551	71 376

Consolidated statement of cash flows

Item, PLN million	Q1 2013 *	Q2 2013 *	Q3 2013 *	Q4 2013 *	12 months 2013 *	Q1 2014	Q2 2014	Q3 2014	Q4 2014	12 months 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	12 months 2015
Cash flows – operating activities															
Net profit/(Loss)	145	(229)	652	(478)	90	126	(5 390)	615	(1 179)	(5 828)	868	1 549	885	(69)	3 233
Adjustments for:															
Share in profit from investments accounted for under equity method	(10)	(4)	(20)	(6)	(40)	(16)	(21)	(23)	3	(57)	(31)	(73)	(85)	(64)	(253)
Depreciation and amortisation	523	520	526	542	2 111	522	524	460	485	1 991	452	464	469	510	1 895
Foreign exchange (gain)/loss	56	72	(37)	(27)	64	(4)	796	(31)	119	880	(218)	156	48	38	24
Interest, net	64	78	74	56	272	52	77	63	49	241	54	51	46	48	199
Dividends	0	(2)	0	0	(2)	0	(2)	0	0	(2)	0	(2)	0	0	(2)
(Profit)/Loss on investing activities	(43)	(48)	110	75	94	36	4 971	(254)	262	5 015	113	488	107	398	1 106
Tax expense	(32)	(36)	154	(19)	67	28	(340)	129	(235)	(418)	166	402	170	(273)	465
Change in provisions	56	159	41	135	391	63	(110)	64	124	141	56	142	139	126	463
Change in working capital	(2 011)	3 807	(294)	1 313	2 815	(3 965)	3 615	1 083	1 019	1 752	(419)	(371)	(1 482)	952	(1 320)
<i>inventories</i>	(1 524)	2 720	(1 547)	1 325	974	(2 404)	3 253	223	3 034	4 106	(334)	(437)	(1 143)	1 259	(655)
<i>receivables</i>	(550)	29	(207)	1 133	405	(780)	(177)	(36)	1 917	924	(332)	(1 215)	1 381	1 424	1 258
<i>liabilities</i>	63	1 058	1 460	(1 145)	1 436	(781)	539	896	(3 932)	(3 278)	247	1 281	(1 720)	(1 731)	(1 923)
Other adjustments	(78)	(7)	(71)	(59)	(215)	(225)	(61)	101	(175)	(360)	26	(109)	(114)	(55)	(252)
Income tax (paid)	(2)	(21)	(40)	(44)	(107)	(57)	(4)	(43)	(64)	(168)	(87)	(18)	(51)	(48)	(204)
Net cash provided by/(used in) operating activities	(1 332)	4 289	1 095	1 488	5 540	(3 440)	4 055	2 164	408	3 187	980	2 679	132	1 563	5 354
Cash flows – investing activities															
Acquisition of property, plant and equipment, intangible assets and perpetual usufruct of land	(524)	(460)	(622)	(776)	(2 382)	(761)	(943)	(973)	(1 023)	(3 700)	(616)	(629)	(605)	(1 229)	(3 079)
Disposal of property, plant and equipment, intangible assets and perpetual usufruct of land	91	27	15	31	164	20	321	15	44	400	43	11	16	61	131
Acquisition of shares	0	(2)	0	(534)	(536)	(62)	(683)	0	(47)	(792)	0	(35)	0	(1 160)	(1 195)
Disposal of shares	0	0	0	0	0	0	46	2	0	48	0	1	0	0	1
Deposits, net	12	5	1	1	19	3	(2)	(29)	1	(27)	1	17	2	8	28
Dividends received	0	2	20	0	22	0	2	0	0	2	0	3	115	75	192
Proceeds/(Outflows) from borrowings granted	274	(241)	242	(3)	272	2	1	2	0	5	1	0	0	0	1
Other	19	33	(72)	20	0	(18)	(6)	43	25	44	3	(118)	(119)	58	(175)
Net cash (used) in investing activities	(128)	(636)	(416)	(1 261)	(2 441)	(816)	(1 264)	(940)	(1 000)	(4 020)	(568)	(750)	(591)	(2 187)	(4 096)
Cash flows from financing activities															
Proceeds from loans and borrowings received	2 994	44	367	184	3 589	3 401	4 965	502	771	9 639	71	304	1 989	288	1 896
Debt securities issued	0	400	0	300	700	0	2 350	0	0	2 350	0	0	0	0	0
Repayment of loans and borrowings	(2 328)	(761)	(2 233)	(111)	(5 433)	(1 009)	(5 486)	(1 354)	(1 174)	(9 023)	(1 275)	(1 078)	(72)	(2 102)	(3 771)
Repurchase of debt securities	0	0	0	(304)	(304)	0	0	0	0	0	0	0	0	0	0
Interest paid	(80)	(60)	(80)	(90)	(310)	(60)	(76)	(60)	(49)	(245)	(54)	(98)	(56)	(50)	(258)
Dividend paid	0	0	(642)	0	(642)	0	0	(617)	0	(617)	0	0	(706)	0	(706)
Payments of liabilities under finance lease agreements	(7)	(7)	(7)	(7)	(28)	(8)	(8)	(8)	(6)	(30)	(7)	(6)	(8)	(7)	(28)
Grants received	0	0	0	1	1	0	0	0	10	10	0	0	0	1	1
Other	(3)	(1)	(4)	(3)	(11)	0	(2)	0	1	(1)	0	0	3	(3)	0
Net cash provided by/(used in) financing activities	576	(385)	(2 599)	(30)	(2 438)	2 324	1 743	(1 537)	(447)	2 083	(1 265)	(878)	1 150	(1 873)	(2 866)
Net (decrease) in cash and cash equivalents	(884)	3 268	(1 920)	197	661	(1 932)	4 534	(313)	(1 039)	1 250	(853)	1 051	691	(2 497)	(1 608)
Effect of exchange rate changes	0	1	(2)	0	(1)	1	3	(1)	(5)	(2)	6	(1)	38	(24)	19
Cash and cash equivalents, beginning of the period	2 029	1 145	4 414	2 492	2 029	2 689	758	5 295	4 981	2 689	3 937	3 090	4 140	4 869	3 937
Cash and cash equivalents, end of the period	1 145	4 414	2 492	2 689	2 689	758	5 295	4 981	3 937	3 937	3 090	4 140	4 869	2 348	2 348

*) Restated data – change in consolidation method for Basell ORLEN Polyolefines Sp. z o.o. and Plocki Park Przemysłowo-Technologiczny S.A. in accordance with IFRS 11.

Consolidated statement of cash flows

Item, PLN million	Q1 2016	Q2 2016	Q3 2016	Q4 2016	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017
Cash flows from operating activities										
Profit before tax	434	2 036	1 927	2 490	6 887	2 539	2 123	2 060	1 995	8 717
Adjustments for:										
Share in profit from investments accounted for under equity method	(85)	(99)	(68)	(45)	(297)	(69)	(55)	(62)	(62)	(248)
Depreciation and amortisation	515	508	537	550	2 110	562	581	616	662	2 421
Foreign exchange (profit)/loss	41	238	(28)	36	287	(137)	45	65	(206)	(233)
Interest, net	50	78	36	55	219	50	53	52	49	204
Dividends		(5)	0	0	(5)	0	(4)	0	0	(4)
(Profit)/Loss on investing activities	(43)	(1)	(2)	(253)	(299)	110	93	157	189	549
<i>recognition/(reversal) of impairment allowances of property, plant and equipment and intangible assets</i>	7	4	2	(158)	(145)	2	13	50	104	169
Change in provisions	30	19	79	202	330	71	62	86	126	345
Change in working capital	1 766	(713)	204	(441)	816	(1 735)	1 317	(267)	(1 282)	(1 967)
<i>inventories</i>	1 477	(1 295)	172	(641)	(287)	(930)	915	(266)	(1 164)	(1 445)
<i>receivables</i>	32	(930)	158	(939)	(1 679)	(72)	20	(1 472)	(55)	(1 579)
<i>liabilities</i>	257	1 512	(126)	1 139	2 782	(733)	382	1 471	(63)	1 057
Other adjustments, incl.:	307	(259)	(445)	16	(381)	11	(531)	549	(160)	(131)
<i>change in balances of settlements due to compensation from insurers in Unipetrol Group</i>	293	(298)	0	0	0	200	(475)	493	4	222
<i>rights granted free of charge</i>	(51)	(43)	(65)	(81)	(240)	(70)	(59)	(85)	(96)	(310)
Income tax (paid)	(88)	(38)	(143)	(67)	(336)	(729)	(191)	(253)	(430)	(1 603)
Net cash from operating activities	2 927	1 764	2 097	2 543	9 331	673	3 493	3 003	881	8 050
Cash flows from investing activities										
Acquisition of property, plant and equipment, intangible assets and perpetual usufruct of land	(1 533)	(1 271)	(1 149)	(1 080)	(5 033)	(889)	(1 112)	(879)	(1 159)	(4 039)
Acquisition of shares adjusted for received cash	0	(2)	0	0	(2)	0	0	0	(3)	(3)
Disposal of property, plant and equipment, intangible assets and perpetual usufruct of land	61	22	10	48	141	50	18	17	20	105
Sale of subsidiary	71	3	0	3	77	0	0	0	0	0
Dividends received	0	182	5	130	317	0	177	0	75	252
Settlement of instruments not subject to hedge accounting	(1)	9	(7)	59	60	(64)	(25)	(78)	(67)	(234)
Other	3	1	(1)	1	4	(4)	2	1	(5)	(6)
Net cash (used) in investing activities	(1 399)	(1 056)	(1 142)	(839)	(4 436)	(907)	(940)	(939)	(1 139)	(3 925)
Cash flows from financing activities										
Proceeds from loans and borrowings received	2 130	1 985	35	44	3 586	19	223	132	2	6
Bonds issued		3 258	0	0	3 258	0	0	0	400	400
Repayments of loans and borrowings	(2 383)	(5 316)	(229)	(623)	(7 943)	(785)	(229)	(177)	(67)	(888)
Redemption of bonds	0	0	0	0	0	0	(400)	0	(300)	(700)
Interest paid	(52)	(99)	(38)	(34)	(223)	(34)	(156)	(24)	(20)	(234)
Dividends paid			(909)	(3)	(912)	0	0	(1 376)	(8)	(1 384)
<i>equity owners of the parent</i>			(855)	0	(855)	0	0	(1 283)	0	(1 283)
<i>non-controlling interest</i>			(54)	(3)	(57)	0	0	(93)	(8)	(101)
Payments of liabilities under finance lease agreements	(7)	(8)	(6)	(7)	(28)	(7)	(7)	(7)	(7)	(28)
Other	1	(7)	(5)	63	52	(1)	0	(2)	(1)	(4)
Net cash from / (used in) financing activities	(311)	(187)	(1 152)	(560)	(2 210)	(808)	(569)	(1 454)	(1)	(2 832)
Net increase/(decrease) in cash and cash equivalents	1 217	521	(197)	1 144	2 685	(1 042)	1 984	610	(259)	1 293
Effect of exchange rate changes	(98)	106	(39)	70	39	(214)	33	90	(30)	(121)
Cash and cash equivalents, beginning of the period	2 348	3 467	4 094	3 858	2 348	5 072	3 816	5 833	6 533	5 072
Cash and cash equivalents, end of the period	3 467	4 094	3 858	5 072	5 072	3 816	5 833	6 533	6 244	6 244

Consolidated statement of cash flows

Item, PLN million	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018 *
Cash flows from operating activities					
Profit before tax	1 245	2 232	2 548	1 275	7 110
Adjustments for:					
Share in profit from investments accounted for under equity method	(35)	(53)	(26)	(13)	(127)
Depreciation and amortisation	626	673	677	697	2 673
Foreign exchange (gain)/loss	68	314	(148)	85	319
Interest, net	49	47	53	54	203
Dividends	0	(4)	0	0	(4)
(Profit)/Loss on investing activities, incl.:	145	(192)	(145)	(908)	(1 100)
<i>recognition/(reversal) of impairment allowances of property, plant and equipment and intangible assets</i>	(3)	16	16	(733)	(704)
Change in provisions	150	129	172	285	736
Change in working capital	(1 398)	(710)	631	(1 582)	(3 059)
<i>inventories</i>	(880)	(924)	(1 026)	1 101	(1 729)
<i>receivables</i>	(280)	(1 581)	(633)	1 425	(1 069)
<i>liabilities</i>	(238)	1 795	2 290	(4 108)	(261)
Other adjustments, incl.:	(137)	(347)	220	(468)	(732)
<i>rights received free of charge</i>	(130)	(84)	(152)	(128)	(494)
Income tax (paid)	(203)	(210)	(430)	(196)	(1 039)
Net cash from/(used in) operating activities	510	1 879	3 552	(771)	4 980
Cash flows from investing activities					
Acquisition of property, plant and equipment, intangible assets and perpetual usufruct of land	(1 149)	(1 056)	(1 065)	(1 374)	(4 454)
Acquisition of shares	0	(25)	0	0	(25)
Disposal of property, plant and equipment, intangible assets and perpetual usufruct of land	58	47	21	35	161
Dividends received	0	129	0	67	196
Settlement of derivatives not designated as hedge accounting	(170)	258	39	212	339
Other	(4)	0	(4)	(7)	(15)
Net cash (used) in investing activities	(1 265)	(647)	(1 009)	(1 067)	(3 798)
Cash flows from financing activities					
Redemption of non-controlling shares Unipetrol a.s.	(3 531)	0	(691)	0	(4 222)
Proceeds from loans and borrowings received	2 126	7	57	44	2 232
Bonds issued	0	400	200	0	600
Repayments of loans and borrowings	(1)	(90)	(2)	(6)	(97)
Redemption of bonds	0	(200)	0	0	(200)
Interest paid	(28)	(152)	(27)	(24)	(231)
Dividends paid	0	(1)	(1 283)	0	(1 284)
<i>to equity owners of the parent</i>	0	0	(1 283)	0	(1 283)
<i>to non-controlling interest</i>	0	(1)	0	0	(1)
Payments of liabilities under finance lease agreements	(8)	(9)	(7)	(8)	(32)
Other	(1)	0	(3)	1	(3)
Net cash from / (used in) financing activities	(1 443)	(45)	(1 756)	7	(3 237)
Net increase/(decrease) in cash and cash equivalents	(2 198)	1 187	787	(1 831)	(2 055)
Effect of exchange rate changes	34	11	(53)	11	3
Cash and cash equivalents, beginning of the period	6 244	4 080	5 278	6 012	6 244
Cash and cash equivalents, end of the period	4 080	5 278	6 012	4 192	4 192

*) In the 12 months of 2018, the Group adjusted in the line penalties and compensations penalties received for improper execution of the contract of the power plant CCGT in Plock in the amount of PLN 190 million, and adjusted the purchase price of non-current asset.

Consolidated statement of cash flows

Item, PLN million	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Cash flows from operating activities					
Profit before tax	994	2 123	1 567	865	5 549
Adjustments for:					
Share in profit from investments accounted for under equity method	(44)	(38)	(35)	(19)	(136)
Depreciation and amortisation	833	846	893	934	3 506
Foreign exchange (profit)/loss	15	(100)	239	(226)	(72)
Net interest	70	55	67	80	272
Dividends	0	(5)	0	0	(5)
(Profit)/Loss on investing activities	(19)	26	175	222	404
<i>recognition/(reversal) of impairment allowances of property, plant and equipment and intangible assets</i>	10	17	73	115	215
Change in provisions	251	266	167	315	999
Change in working capital	(542)	1 194	726	(453)	925
<i>inventories</i>	(955)	752	28	(740)	(915)
<i>receivables</i>	(987)	(340)	702	1 567	942
<i>liabilities</i>	1 400	782	(4)	(1 280)	898
Other adjustments, incl.:	199	(518)	(26)	(280)	(625)
<i>rights received free of charge</i>	(165)	(172)	(164)	(182)	(683)
Income tax (paid)	(566)	(355)	(342)	(235)	(1 498)
Net cash from operating activities	1 191	3 494	3 431	1 203	9 319
Cash flows from investing activities					
Acquisition of property, plant and equipment, intangible assets and rights of use assets	(834)	(894)	(1 070)	(1 652)	(4 450)
Disposal of property, plant and equipment, intangible assets and rights of use assets	171	63	3	8	245
Dividends received	0	112	0	0	112
Settlement of derivatives not designated as hedge accounting	(8)	48	37	5	82
Other	5	(4)	(2)	18	17
Net cash (used) in investing activities	(666)	(675)	(1 032)	(1 621)	(3 994)
Cash flows from financing activities					
Change in cash related to purchase of non-controlling interest of UNIPETROL, a.s	212	(12)	0	(10)	190
Proceeds from loans received	304	58	7	12	381
Repayment of loans	(410)	(2)	(65)	(15)	(492)
Redemption of bonds	(1 000)	0	0	0	(1 000)
Interest paid from loans and bonds	(29)	(153)	(14)	(22)	(218)
Interest paid on lease	(15)	(20)	(16)	(17)	(68)
Dividends paid	0	0	(1 497)	0	(1 497)
<i>to equity owners of the parent</i>	0	0	(1 497)	0	(1 497)
Payments of liabilities under finance lease agreements	(97)	(173)	(153)	(233)	(656)
<i>short-term and low-value lease payments</i>	(2)	(20)	(41)	(86)	(149)
Other	(1)	0	(1)	(1)	(3)
Net cash (used) in financing activities	(1 036)	(302)	(1 739)	(286)	(3 363)
Net (decrease) in cash and cash equivalents	(511)	2 517	660	(704)	1 962
Effect of changes in exchange rates	(16)	(14)	(15)	50	5
Cash and cash equivalents, beginning of the period	4 192	3 665	6 168	6 813	4 192
Cash and cash equivalents, end of the period	3 665	6 168	6 813	6 159	6 159
<i>including restricted cash</i>	82	93	63	1 086	1 086

Production volume

Production ('000 tonnes)	12 mprths 2013	12 months 2014	12 months 2015	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Downstream Segment	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group	ORLEN Group
Crude oil throughput	28 216	27 276	30 909	30 147	7 894	7 622	8 966	8 746	33 228	8 529	7 461	8 694	8 696	33 380	8 225	8 289	9 013	8 352	33 879
Light distillates [gasoline, LPG]	6 295	5 773	6 925	7 039	1 759	1 787	1 987	1 993	7 526	1 770	1 576	1 973	2 025	7 344	1 714	1 881	1 937	1 852	7 384
Medium distillates [diesel oil, light heating oil, jet fuel]	12 920	12 529	14 644	14 243	3 622	3 568	4 212	4 004	15 406	3 971	3 595	4 136	4 114	15 816	3 867	4 077	4 285	4 060	16 289
Heavy fractions [heavy heating oil, asphalt, oils]	4 856	4 516	4 549	4 547	1 084	1 072	1 398	1 333	4 887	1 095	1 213	1 341	1 325	4 974	1 060	1 138	1 303	1 224	4 725
Monomers [ethylene, propylene]	799	819	836	680	207	226	247	212	892	256	215	221	181	873	253	284	266	241	1 044
Polymers [polyethylene, polypropylene]	520	596	439	283	123	145	143	154	565	143	142	111	136	532	146	139	135	129	549
Aromas [benzene, toluene, paraxylene, ortoxylene]	386	417	353	249	78	71	111	104	364	108	97	90	75	370	112	116	101	95	424
Fertilizers [CANWIL, ammonium nitrate, ammonium sulphate, other]	1 028	1 157	1 147	1 158	268	296	284	240	1 088	308	244	295	227	1 074	297	205	267	290	1 059
Plastics [PVC, PVC granulate]	424	424	441	371	105	98	95	97	395	112	92	96	83	383	97	107	84	45	333
PTA	566	561	584	601	156	100	159	104	519	149	128	127	82	486	158	164	174	152	648
Other	2 304	2 255	2 313	2 523	617	780	683	702	2 782	648	641	673	630	2 592	693	640	722	678	2 733
Total production	30 098	29 047	32 231	31 694	8 019	8 143	9 319	8 943	34 424	8 560	7 943	9 063	8 878	34 444	8 397	8 751	9 274	8 766	35 188

*) Restated data – change in consolidation method for Basell ORLEN Polyolefines Sp. z o.o. and Plocki Park Przemysłowo-Technologiczny S.A. in accordance with IFRS 11.

Sales volume

Sales ('000 tonnes)	12 months 2013 *	12 months 2014	12 months 2015	12 months 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	12 months 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	12 months 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	12 months 2019
Downstream Segment	28 376	27 706	30 380	30 708	7 583	7 906	8 946	8 490	32 925	7 729	7 955	8 479	8 553	32 716	7 801	8 109	8 631	8 199	32 740
Light distillates [gasoline, LPG]	5 230	4 623	5 437	5 765	1 344	1 423	1 495	1 556	5 818	1 251	1 249	1 442	1 508	5 450	1 206	1 349	1 339	1 337	5 231
Medium distillates [diesel oil, light heating oil, jet fuel]	10 240	10 092	11 995	12 460	2 996	3 196	3 663	3 488	13 343	3 134	3 299	3 598	3 622	13 653	3 279	3 442	3 703	3 550	13 974
Heavy fractions [heavy heating oil, asphalt, oils]	4 813	4 527	4 544	4 334	1 101	1 058	1 396	1 324	4 879	1 113	1 221	1 292	1 406	5 032	1 079	1 151	1 291	1 263	4 784
Monomers [ethylene, propylene]	832	837	878	681	208	213	239	208	868	252	207	229	161	849	259	270	258	235	1 022
Polymers [polyethylene, polypropylene]	510	592	482	245	135	129	146	140	550	149	140	131	120	540	139	136	133	111	519
Aromas [benzene, toluene, paraxylene, ortoxylene]	381	413	358	248	73	71	110	106	360	106	97	90	75	368	115	116	104	89	424
Fertilizers [CANWIL, ammonium nitrate, ammonium sulphate, other]	1 034	1 143	1 146	1 089	262	202	367	250	1 081	251	264	308	244	1 067	280	223	268	259	1 030
Plastics [PVC, PVC processing]	423	418	445	351	113	92	100	86	391	103	105	94	69	371	106	99	90	48	343
PTA	556	571	587	605	149	109	157	108	523	142	148	120	98	508	151	163	173	160	647
Other	4 357	4 490	4 508	4 930	1 202	1 413	1 273	1 224	5 112	1 228	1 225	1 175	1 250	4 878	1 187	1 160	1 272	1 147	4 766
Retail Segment	7 516	7 776	7 986	8 187	1 953	2 262	2 336	2 268	8 819	2 167	2 375	2 501	2 405	9 448	2 236	2 480	2 620	2 481	9 817
Light distillates [gasoline, LPG]	2 832	2 916	3 000	3 136	743	871	895	830	3 339	787	904	946	910	3 546	849	973	1 012	942	3 776
Medium distillates [diesel oil, light heating oil]	4 684	4 860	4 986	5 051	1 210	1 391	1 441	1 438	5 480	1 380	1 471	1 555	1 495	5 902	1 387	1 507	1 608	1 539	6 041
Upstream Segment	17	258	310	558	147	153	172	166	638	171	182	172	203	728	184	179	180	193	736
ORLEN Group - total	35 909	35 740	38 676	39 453	9 683	10 321	11 454	10 924	42 382	10 067	10 512	11 152	11 161	42 892	10 221	10 768	11 431	10 873	43 293

*) Restated data – change in consolidation method for Basell ORLEN Polyolefines Sp. z o.o. and Plocki Park Przemysłowo-Technologiczny S.A. in accordance with IFRS 11.