

Nomor Surat	SE.01.01/WB-0A.0196/2021
Nama Emiten	Wijaya Karya Beton
Kode Emiten	WTON
Perihal	Penyampaian Laporan Keuangan Tahunan

Perseroan dengan ini menyampaikan laporan keuangan untuk Tahun Bulan yang berakhir pada 31/12/2020 dengan ikhtisar sebagai berikut :

Informasi mengenai anak perusahaan Perseroan sebagai berikut :

No	Nama	Kegiatan Usaha	Lokasi	Tahun Komersil	Status Operasi	Jumlah Aset	Satuan	Mata Uang	Persentase (%)
1	PT Wijaya Karya Krakatau Beton	Concrete Industry	Cilegon	2012	Sudah Beroperasi	115.527.230.813	PENUH	IDR	60.0
2	PT Wijaya Karya Komponen Beton	Concrete Industry	Karawang	2013	Sudah Beroperasi	170.123.582.296	PENUH	IDR	51.0
3	PT Citra Lautan Teduh	Concrete Industry	Batam	2014	Sudah Beroperasi	513.884.820.362	PENUH	IDR	99.5

Dokumen ini merupakan dokumen resmi Wijaya Karya Beton yang tidak memerlukan tanda tangan karena dihasilkan secara elektronik. Wijaya Karya Beton bertanggung jawab penuh atas informasi tertera di dalam dokumen ini.

[1000000] General information

Informasi umum		General information
31 December 2020		
Nama entitas	Wijaya Karya Beton	Entity name
Penjelasan perubahan nama dari akhir periode laporan sebelumnya		Explanation of change in name from the end of the preceding reporting period
Kode entitas	WTON	Entity code
Nomor identifikasi entitas	AA680	Entity identification number
Industri utama entitas	Umum / General	Entity main industry
Sektor	3. Basic Industry And Chemicals	Sector
Subsektor	31. Cement	Subsector
Informasi pemegang saham pengendali	Indonesian Government	Controlling shareholder information
Jenis entitas	Local Company - Indonesia Jurisdiction	Type of entity
Jenis efek yang dicatatkan	Saham / Stock	Type of listed securities
Jenis papan perdagangan tempat entitas tercatat		Type of board on which the entity is listed
Apakah merupakan laporan keuangan satu entitas atau suatu kelompok entitas	Entitas grup / Group entity	Whether the financial statements are of an individual entity or a group of entities
Periode penyampaian laporan keuangan	Tahunan / Annual	Period of financial statements submissions
Tanggal awal periode berjalan	January 01, 2020	Current period start date
Tanggal akhir periode berjalan	December 31, 2020	Current period end date
Tanggal akhir tahun sebelumnya	December 31, 2019	Prior year end date
Tanggal awal periode sebelumnya	January 01, 2019	Prior period start date
Tanggal akhir periode sebelumnya	December 31, 2019	Prior period end date
Mata uang pelaporan	Rupiah / IDR	Description of presentation currency
Kurs konversi pada tanggal pelaporan jika mata uang penyajian selain rupiah		Conversion rate at reporting date if presentation currency is other than rupiah
Pembulatan yang digunakan dalam penyajian jumlah dalam laporan keuangan	Satuan Penuh / Full Amount	Level of rounding used in financial statements
Jenis laporan atas laporan keuangan	Diaudit / Audited	Type of report on financial statements
Jenis opini auditor	Wajar Tanpa Pengecualian / Unqualified	Type of auditor's opinion
Hal yang diungkapkan dalam paragraf pendapat untuk penekanan atas suatu masalah atau paragraf penjelasan lainnya, jika ada		Matters disclosed in emphasis-of-matter or other-matter paragraph, if any
Hasil penugasan review		Result of review engagement
Tanggal laporan audit atau hasil laporan review	February 18, 2021	Date of auditor's opinion or result of review report
Auditor tahun berjalan	Amir Abadi Jusuf, Aryanto, Mawar & Rekan	Current year auditor
Nama partner audit tahun berjalan	Benny Andria	Name of current year audit signing partner
Lama tahun penugasan partner yang menandatangani		Number of years served as audit signing partner
Auditor tahun sebelumnya	Amir Abadi Jusuf, Aryanto, Mawar & Rekan	Prior year auditor
Nama partner audit tahun sebelumnya	Benny Andria	Name of prior year audit signing partner
Kepatuhan terhadap pemenuhan peraturan BAPEPAM LK VIII G 11 tentang tanggung jawab direksi atas laporan keuangan	Ya / Yes	Whether in compliance with BAPEPAM LK VIII G 11 rules concerning responsibilities of board of directors on financial statements

Kepatuhan terhadap pemenuhan peraturan BAPEPAM LK VIII A dua tentang independensi akuntan yang memberikan jasa audit di pasar modal

Ya / Yes

Whether in compliance with BAPEPAM LK VIII A two rules concerning independence of accountant providing audit services in capital market

[1210000] Statement of financial position presented using current and non-current - General Industry

Laporan posisi keuangan			Statement of financial position
Aset	<u>31 December 2020</u>	<u>31 December 2019</u>	Assets
Aset lancar			Current assets
Kas dan setara kas	1,542,217,223,256	1,602,280,750,520	Cash and cash equivalents
Aset keuangan lancar			Current financial assets
Aset keuangan dimiliki hingga jatuh tempo lancar	1,306,973,648,076	1,822,894,033,207	Current financial assets held-to-maturity investments
Piutang usaha			Trade receivables
Piutang usaha pihak ketiga	301,233,681,576	570,928,456,771	Trade receivables third parties
Piutang usaha pihak berelasi	416,887,373,344	738,604,641,514	Trade receivables related parties
Tagihan bruto pemberi kerja			Unbilled receivables
Tagihan bruto pemberi kerja pihak ketiga	185,960,369,254	461,166,732,495	Unbilled receivables third parties
Tagihan bruto pemberi kerja pihak berelasi	12,498,198,506		Unbilled receivables related parties
Piutang lainnya			Other receivables
Piutang lainnya pihak ketiga	5,237,221,139	5,683,158,149	Other receivables third parties
Piutang lainnya pihak berelasi	13,502,908,305.999998	15,776,036,586	Other receivables related parties
Persediaan lancar			Current inventories
Persediaan lancar lainnya	793,744,013,430	1,148,378,932,136	Current inventories
Biaya dibayar dimuka lancar	239,418,305,385	356,152,549,923	Current prepaid expenses
Uang muka lancar			Current advances
Uang muka lancar lainnya	7,770,478,755	38,473,203,747	Other current advances
Pajak dibayar dimuka lancar	422,764,882,758	408,574,050,787	Current prepaid taxes
Jumlah aset lancar	5,248,208,303,785	7,168,912,545,835	Total current assets
Aset tidak lancar			Non-current assets
Investasi pada entitas anak, ventura bersama, dan entitas asosiasi			Investments in subsidiaries, joint ventures and associates
Investasi pada entitas ventura bersama	12,065,081,549	21,846,517,440	Investments in joint ventures
Investasi pada entitas asosiasi	33,391,081,882	30,322,603,468	Investments in associates
Aset pajak tangguhan	26,833,922,238	3,911,023,727	Deferred tax assets
Properti investasi	81,544,418,000	79,408,000,000	Investment properties
Aset tetap	2,952,492,507,874	3,012,075,396,737	Property, plant and equipment
Aset takberwujud selain goodwill	145,328,984,266		Intangible assets other than goodwill
Aset tidak lancar non-keuangan lainnya	9,153,000,000	21,419,000,000	Other non-current non-financial assets

Jumlah aset tidak lancar	3,260,808,995,809	3,168,982,541,372	Total non-current assets
Jumlah aset	8,509,017,299,594	10,337,895,087,207	Total assets
Liabilitas dan ekuitas			Liabilities and equity
Liabilitas			Liabilities
Liabilitas jangka pendek			Current liabilities
Pinjaman jangka pendek	2,363,381,456,028	2,035,684,801,444	Short-term loans
Utang usaha			Trade payables
Utang usaha pihak ketiga	623,302,862,933	859,093,836,233	Trade payables third parties
Utang usaha pihak berelasi	94,871,038,558	39,453,506,099	Trade payables related parties
Utang lainnya			Other payables
Utang lainnya pihak ketiga	4,432,841,183	26,504,795,376	Other payables third parties
Utang lainnya pihak berelasi		14,432,448,262	Other payables related parties
Uang muka pelanggan jangka pendek			Current advances from customers
Uang muka pelanggan jangka pendek pihak ketiga	118,698,330,786	280,051,641,319	Current advances from customers third parties
Uang muka pelanggan jangka pendek pihak berelasi	62,923,302,156	133,446,265,711	Current advances from customers related parties
Beban akrual jangka pendek	1,254,006,182,137	2,065,504,675,825	Current accrued expenses
Utang pajak	50,617,644,747	116,229,962,299	Taxes payable
Pendapatan diterima dimuka jangka pendek	90,193,216,372	296,705,373,223	Current unearned revenue
Liabilitas jangka panjang yang jatuh tempo dalam satu tahun			Current maturities of long-term liabilities
Liabilitas jangka panjang yang jatuh tempo dalam satu tahun atas utang bank		250,000,000,000	Current maturities of bank loans
Liabilitas jangka panjang yang jatuh tempo dalam satu tahun atas liabilitas sewa pembiayaan	44,193,711,079	77,947,654,987	Current maturities of finance lease liabilities
Jumlah liabilitas jangka pendek	4,706,620,585,979	6,195,054,960,778	Total current liabilities
Liabilitas jangka panjang			Non-current liabilities
Liabilitas pajak tangguhan		29,667,636,658	Deferred tax liabilities
Utang pihak berelasi jangka panjang	7,474,401,311		Non-current due to related parties
Liabilitas jangka panjang setelah dikurangi bagian yang jatuh tempo dalam satu tahun			Long-term liabilities net of current maturities
Liabilitas jangka panjang atas utang bank	380,000,000,000	500,000,000,000	Long-term bank loans

Liabilitas jangka panjang atas liabilitas sewa pembiayaan	712,368,147	34,212,061,802	Long-term finance lease liabilities
Kewajiban imbalan pasca kerja jangka panjang	23,636,945,033	70,514,487,962	Long-term post-employment benefit obligations
Jumlah liabilitas jangka panjang	411,823,714,491	634,394,186,422	Total non-current liabilities
Jumlah liabilitas	5,118,444,300,470	6,829,449,147,200	Total liabilities
Ekuitas			Equity
Ekuitas yang diatribusikan kepada pemilik entitas induk			Equity attributable to equity owners of parent entity
Saham biasa	871,546,660,000	871,546,660,000	Common stocks
Tambahan modal disetor	988,633,419,562	973,193,706,603	Additional paid-in capital
Saham treasury		(58,246,193,143)	Treasury stocks
Saldo laba (akumulasi kerugian)			Retained earnings (deficit)
Saldo laba yang telah ditentukan penggunaannya	344,817,328,522	242,297,750,536	Appropriated retained earnings
Saldo laba yang belum ditentukan penggunaannya	1,119,716,376,301	1,408,926,053,627	Unappropriated retained earnings
Jumlah ekuitas yang diatribusikan kepada pemilik entitas induk	3,324,713,784,385	3,437,717,977,623	Total equity attributable to equity owners of parent entity
Kepentingan non-pengendali	65,859,214,739	70,727,962,384	Non-controlling interests
Jumlah ekuitas	3,390,572,999,124	3,508,445,940,007	Total equity
Jumlah liabilitas dan ekuitas	8,509,017,299,594	10,337,895,087,207	Total liabilities and equity

[1311000] Statement of profit or loss and other comprehensive income, OCI components presented net of tax, by function - General Industry

Laporan laba rugi dan penghasilan komprehensif lain			Statement of profit or loss and other comprehensive income
	<u>31 December 2020</u>	<u>31 December 2019</u>	
Penjualan dan pendapatan usaha	4,803,359,291,718	7,083,384,467,587	Sales and revenue
Beban pokok penjualan dan pendapatan	(4,493,836,346,777)	(6,132,667,455,204)	Cost of sales and revenue
Jumlah laba bruto	309,522,944,941	950,717,012,383	Total gross profit
Beban penjualan	(783,140,379)	(1,724,010,721)	Selling expenses
Beban umum dan administrasi	(124,342,969,523)	(153,587,043,774)	General and administrative expenses
Pendapatan keuangan	23,980,821,605	8,329,313,155	Finance income
Beban keuangan	(113,196,382,597)	(146,014,430,427)	Finance costs
Keuntungan (kerugian) selisih kurs mata uang asing	(2,987,789,613)	1,378,440,238	Gains (losses) on changes in foreign exchange rates
Bagian atas laba (rugi) entitas asosiasi yang dicatat dengan menggunakan metode ekuitas	3,068,478,414	4,708,602,241	Share of profit (loss) of associates accounted for using equity method
Bagian atas laba (rugi) entitas ventura bersama yang dicatat menggunakan metode ekuitas	(11,704,926,040)	2,050,185,656	Share of profit (loss) of joint ventures accounted for using equity method
Keuntungan (kerugian) atas instrumen keuangan derivatif	(12,266,000,000)		Gains (losses) on derivative financial instruments
Pendapatan lainnya	40,469,338,015	14,747,063,678	Other income
Beban lainnya	18,744,435,146	(54,334,587,719)	Other expenses
Jumlah laba (rugi) sebelum pajak penghasilan	130,504,809,969	626,270,544,710	Total profit (loss) before tax
Pendapatan (beban) pajak	(7,357,730,549)	(115,558,811,307)	Tax benefit (expenses)
Jumlah laba (rugi) dari operasi yang dilanjutkan	123,147,079,420	510,711,733,403	Total profit (loss) from continuing operations
Jumlah laba (rugi)	123,147,079,420	510,711,733,403	Total profit (loss)
Pendapatan komprehensif lainnya, setelah pajak			Other comprehensive income, after tax
Pendapatan komprehensif lainnya yang tidak akan direklasifikasi ke laba rugi, setelah pajak			Other comprehensive income that will not be reclassified to profit or loss, after tax
Pendapatan komprehensif lainnya atas pengukuran kembali kewajiban manfaat pasti, setelah pajak	(2,156,782,090)	6,859,992,675	Other comprehensive income for remeasurement of defined benefit obligation, after tax
Jumlah pendapatan komprehensif lainnya, setelah pajak	(2,156,782,090)	6,859,992,675	Total other comprehensive income, after tax
Jumlah laba rugi komprehensif	120,990,297,330	517,571,726,078	Total comprehensive income
Laba (rugi) yang dapat diatribusikan			Profit (loss) attributable to
Laba (rugi) yang dapat diatribusikan ke entitas induk	128,052,492,224	512,346,720,675	Profit (loss) attributable to parent entity
Laba (rugi) yang dapat diatribusikan ke kepentingan non-pengendali	(4,905,412,804)	(1,634,987,272)	Profit (loss) attributable to non-controlling interests
Laba rugi komprehensif yang			Comprehensive income

dapat diatribusikan			attributable to
Laba rugi komprehensif yang dapat diatribusikan ke entitas induk	125,738,435,375	519,156,210,001	Comprehensive income attributable to parent entity
Laba rugi komprehensif yang dapat diatribusikan ke kepentingan non-pengendali	(4,748,138,045)	(1,584,483,923)	Comprehensive income attributable to non-controlling interests
Laba (rugi) per saham			Earnings (loss) per share
Laba per saham dasar diatribusikan kepada pemilik entitas induk			Basic earnings per share attributable to equity owners of the parent entity
Laba (rugi) per saham dasar dari operasi yang dilanjutkan	14.692557277885726	58.78591981237126	Basic earnings (loss) per share from continuing operations

[1410000] Statement of changes in equity - General Industry - Current Year

31 December 2020

Laporan perubahan ekuitas

Statement of changes in equity

	<u>Saham biasa</u>	<u>Tambahan modal disetor</u>	<u>Saham treasuri</u>	<u>Saldo laba yang telah ditentukan penggunaannya</u>	<u>Saldo laba yang belum ditentukan penggunaannya</u>	<u>Ekuitas yang dapat diatribusikan kepada entitas induk</u>	<u>Kepentingan non-pengendali</u>	<u>Ekuitas</u>	
	<u>Common stocks</u>	<u>Additional paid-in capital</u>	<u>Treasury stocks</u>	<u>Appropriated retained earnings</u>	<u>Unappropriated retained earnings</u>	<u>Equity attributable to parent entity</u>	<u>Non-controlling interests</u>	<u>Equity</u>	
Posisi ekuitas									Equity position
Saldo awal periode sebelum penyajian kembali	871,546,660,000	973,193,706,603	(58,246,193,143)	242,297,750,536	1,408,926,053,627	3,437,717,977,623	70,727,962,384	3,508,445,940,007	Balance before restatement at beginning of period
Penyesuaian									Adjustments
Penerapan awal standar akuntansi baru dan revisi					(184,352,113,866)	(184,352,113,866)	(93,095,384)	(184,445,209,250)	Initial adoption of new and revised accounting standards
Posisi ekuitas, awal periode	871,546,660,000	973,193,706,603	(58,246,193,143)	242,297,750,536	1,224,573,939,761	3,253,365,863,757	70,634,867,000	3,324,000,730,757	Equity position, beginning of the period
Laba (rugi)					128,052,492,224	128,052,492,224	(4,905,412,804)	123,147,079,420	Profit (loss)
Pendapatan komprehensif lainnya					(2,314,056,849)	(2,314,056,849)	157,274,759	(2,156,782,090)	Other comprehensive income
Pembentukan cadangan umum				102,519,577,986	(102,519,577,986)				Allocation for general reserves
Distribusi dividen kas					(128,076,420,849)	(128,076,420,849)	(27,514,216)	(128,103,935,065)	Distributions of cash dividends
Kenaikan (penurunan) ekuitas melalui transaksi saham treasuri		15,439,712,959	58,246,193,143			73,685,906,102		73,685,906,102	Increase (decrease) in equity through treasury stock transactions
Posisi ekuitas, akhir periode	871,546,660,000	988,633,419,562	0	344,817,328,522	1,119,716,376,301	3,324,713,784,385	65,859,214,739	3,390,572,999,124	Equity position, end of the period

[1410000] Statement of changes in equity - General Industry - Prior Year

31 December 2019

Laporan perubahan ekuitas

Statement of changes in equity

	<u>Saham biasa</u>	<u>Tambahan modal disetor</u>	<u>Saham treasuri</u>	<u>Saldo laba yang telah ditentukan penggunaannya</u>	<u>Saldo laba yang belum ditentukan penggunaannya</u>	<u>Ekuitas yang dapat diatribusikan kepada entitas induk</u>	<u>Kepentingan non-pengendali</u>	<u>Ekuitas</u>	
	<u>Common stocks</u>	<u>Additional paid-in capital</u>	<u>Treasury stocks</u>	<u>Appropriated retained earnings</u>	<u>Unappropriated retained earnings</u>	<u>Equity attributable to parent entity</u>	<u>Non-controlling interests</u>	<u>Equity</u>	
Posisi ekuitas									Equity position
Saldo awal periode sebelum penyajian kembali	871,546,660,000	973,193,706,603	(58,246,193,143)	143,194,248,877	1,134,793,746,643	3,064,482,168,980	72,329,841,225	3,136,812,010,205	Balance before restatement at beginning of period
Posisi ekuitas, awal periode	871,546,660,000	973,193,706,603	(58,246,193,143)	143,194,248,877	1,134,793,746,643	3,064,482,168,980	72,329,841,225	3,136,812,010,205	Equity position, beginning of the period
Laba (rugi)					512,346,720,675	512,346,720,675	(1,634,987,272)	510,711,733,403	Profit (loss)
Pendapatan komprehensif lainnya					6,809,489,326	6,809,489,326	50,503,349	6,859,992,675	Other comprehensive income
Pembentukan cadangan umum				99,103,501,659	(99,103,501,659)	0			Allocation for general reserves
Distribusi dividen kas					(145,920,401,358)	(145,920,401,358)	(17,394,918)	(145,937,796,276)	Distributions of cash dividends
Posisi ekuitas, akhir periode	871,546,660,000	973,193,706,603	(58,246,193,143)	242,297,750,536	1,408,926,053,627	3,437,717,977,623	70,727,962,384	3,508,445,940,007	Equity position, end of the period

[1510000] Statement of cash flows, direct method - General Industry

Laporan arus kas			Statement of cash flows
	31 December 2020	31 December 2019	
Arus kas dari aktivitas operasi			Cash flows from operating activities
Penerimaan kas dari aktivitas operasi			Cash receipts from operating activities
Penerimaan dari pelanggan	6,000,517,078,119	6,733,691,185,868	Receipts from customers
Pembayaran kas dari aktivitas operasi			Cash payments from operating activities
Pembayaran kepada pemasok atas barang dan jasa	(4,206,958,768,509)	(4,329,991,873,057)	Payments to suppliers for goods and services
Pembayaran gaji dan tunjangan	(318,942,762,704)	(340,373,031,775)	Payments for salaries and allowances
Pembayaran kas lainnya untuk beban operasi	(213,663,778,149)	(238,258,038,841)	Other cash payments for operating activities
Kas diperoleh dari (digunakan untuk) operasi	1,260,951,768,757	1,825,068,242,195	Cash generated from (used in) operations
Penerimaan bunga dari aktivitas operasi	0	0	Interests received from operating activities
Pembayaran bunga dari aktivitas operasi	(0)	(0)	Interests paid from operating activities
Penerimaan pengembalian (pembayaran) pajak penghasilan dari aktivitas operasi	(457,687,888,723)	(559,573,427,319)	Income taxes refunded (paid) from operating activities
Jumlah arus kas bersih yang diperoleh dari (digunakan untuk) aktivitas operasi	803,263,880,034	1,265,494,814,876	Total net cash flows received from (used in) operating activities
Arus kas dari aktivitas investasi			Cash flows from investing activities
Pembayaran uang muka pembelian aset tetap	(316,805,842,817)	(391,439,925,685)	Payments for advances for purchase of property, plant and equipment
Penerimaan dari penjualan aset tetap	0	148,000,000	Proceeds from disposal of property, plant and equipment
Penerimaan dari pelepasan kepemilikan pada entitas ventura bersama	6,000,911,158	12,000,000,000	Proceeds from sales of interests in joint ventures
Pembayaran untuk perolehan kepemilikan pada entitas ventura bersama	(450,000,000)	(0)	Payments for acquisition of interests in joint ventures
Pembayaran untuk perolehan kepemilikan pada entitas asosiasi	(0)	(0)	Payments for acquisition of interests in associates
Penerimaan bunga dari aktivitas investasi	29,736,471,631	9,184,039,904	Interests received from investing activities
Jumlah arus kas bersih yang diperoleh dari (digunakan untuk) aktivitas investasi	(281,518,460,028)	(370,107,885,781)	Total net cash flows received from (used in) investing activities
Arus kas dari aktivitas pendanaan			Cash flows from financing activities
Penerimaan pinjaman bank	1,707,013,027,642	2,549,709,785,729	Proceeds from bank loans
Pembayaran pinjaman bank	(1,667,710,445,688)	(2,727,751,085,706)	Payments of bank loans
Penerimaan liabilitas sewa		0	Proceeds from finance lease

pembiayaan			liabilities
Pembayaran liabilitas sewa pembiayaan	(76,096,110,176)	(55,398,283,223)	Payments of finance lease liabilities
Penerimaan pinjaman lainnya	0	700,000,000,000	Proceeds from other borrowings
Pembayaran pinjaman lainnya	(370,000,000,000)	(300,000,000,000)	Payments of other borrowings
Penerimaan utang pihak berelasi	23,608,631,162	0	Proceeds from due to related parties
Pembayaran utang pihak berelasi	(35,608,631,162)	(30,000,000,000)	Payments of due to related parties
Penerimaan dari penjualan (pembelian) saham treasury	76,185,906,102	0	Proceeds from sales (purchases) of treasury stocks
Pembayaran dividen dari aktivitas pendanaan	(128,103,935,065)	(145,937,796,276)	Dividends paid from financing activities
Pembayaran bunga dari aktivitas pendanaan	(110,698,365,952)	(148,626,425,566)	Interests paid from financing activities
Jumlah arus kas bersih yang diperoleh dari (digunakan untuk) aktivitas pendanaan	(581,409,923,137)	(158,003,805,042)	Total net cash flows received from (used in) financing activities
Jumlah kenaikan (penurunan) bersih kas dan setara kas	(59,664,503,131)	737,383,124,053	Total net increase (decrease) in cash and cash equivalents
Kas dan setara kas arus kas, awal periode	1,602,280,750,520	865,016,441,666	Cash and cash equivalents cash flows, beginning of the period
Efek perubahan nilai kurs pada kas dan setara kas	(399,024,133)	(118,815,199)	Effect of exchange rate changes on cash and cash equivalents
Kas dan setara kas arus kas, akhir periode	1,542,217,223,256	1,602,280,750,520	Cash and cash equivalents cash flows, end of the period