Full of energy

Annual Report 2017/18

Axpo Solutions AG (formerly Axpo Trading AG)

Key figures

		2017/18	2016/17	2015/16	2014/15 restated	2013/14 restated
Axpo Solutions Group						
Total income	CHF million	3 423.8	3 949.5	3 989.8	4 621.5	5 001.5
Gross margin[1]	CHF million	746.9	217.5	117.8	437.9	445.7
Earnings before interest and tax (EBIT)[1,2]	CHF million	271.2	–130.4	61.1	–417.5	–440.8
Net profit incl. non-controlling interests	CHF million	149.8	–244.4	–87.2	–580.0	–454.9
in % of total income	%	4.4	–6.2	–2.2	–12.6	–9.1
Cash flow from operating activities	CHF million	225.5	34.1	90.8	–194.5	153.8
Total capital as at 30 September	CHF million	10 970.5	8 125.1	6 867.9	6 616.5	6 666.7
Total equity as at 30 September	CHF million	1 682.2	1 786.8	1 779.9	1 686.5	1 603.7
Gearing	%	–49.6	–42.2	–12.9	3.4	26.2
Net debt (asset)	CHF million	–834.5	–754.9	–229.9	56.9	419.8
Cash and cash equivalents	CHF million	411.1	238.8	425.4	438.8	460.8
Average number of employees	FTE	912	876	836	745	734

1 Since 2014/15 the currency hedging transactions entered into to hedge exchange differences on energy procurement or sales contracts in a foreign currency are included in the calculation of the gross margin and hence EBIT. The figures for the financial year 2013/14 were restated; the figures before the 2013/14 year-end closing remain unchanged.
2 In the financial year 2015/16 the share of profit from partner plants and other associates was reclassified from below EBIT to the operating result.

Contents

Axpo Solutions making good headway in operating terms

Axpo Solutions Group (formerly Axpo Trading Group) achieved a strong operating result for 2017/18 and continued its growth trend of recent years. In energy trading, the heightened volatility of the markets was successfully exploited. The profit for the period was positively affected by exceptional items; hedge book and currency effects had a positive impact. Axpo Solutions is set for further growth in renewable energies.

Axpo Solutions' total income reflects lower hedged electricity prices. Nevertheless, a strong result was still achieved, with EBIT coming in at CHF 271.2 million. Although this EBIT figure of CHF 271.2 million (previous year: CHF –130.4 million) is substantial, it was boosted by foreign exchange and hedge book effects (CHF 71.5 million and CHF 91.6 million, respectively; see also the pro forma statement). No adjustment to the pro forma figures has been made to take account of the exceptional provision of CHF 31.5 million for the lost arbitration proceedings. The pro forma figures underline Axpo Solutions' strong operating performance over the last financial year. This is also reflected in cash flow from operating activities, which increased by CHF 191.4 million to an exceptional CHF 225.5 million.

CHF million	**Audited figures**	Impairments and provisions	Hedge book effect	Foreign exchange effects	**Pro forma figures**
Gross margin	**746.9**	–45.2	–91.6	–71.5	**538.6**
Share of profit from partner plants and other associates	**–20.1**	18.9			**–1.2**
Depreciation, amortisation and impairments	**–89.9**	–26.1			**–116.0**
EBIT	**271.2**	–52.4	–91.6	–71.5	**55.7**

Table: Audited figures 2017/18 including bridging to pro forma statement

CHF million	**Audited figures**	Impairments and provisions	Hedge book effect	Foreign exchange effects	**Pro forma figures**
Gross margin	**217.5**	–24.2	–31.9	231.2	**392.6**
Share of profit from partner plants and other associates	**17.4**	13.4			**30.8**
Depreciation, amortisation and impairments	**–79.1**	–24.7			**–103.8**
EBIT	**–130.4**	–35.5	–31.9	231.2	**33.4**

Table: Audited figures 2016/17 including bridging to pro forma statement

Some of the hedging transactions are reported on the balance sheet at fair value, while the underlying production is accounted for in the period in which it occurs, resulting in a hedge book effect of CHF 91.6 million in this case. The slight weakening of the euro against the Swiss franc compared to the end of the previous year resulted in marginally positive foreign exchange effects in the gross margin. The positive foreign exchange impact relating to foreign exchange hedges for the sale of the underlying energy had to be recorded this year, but the slightly negative impact on the underlying energy revenue will be recorded within the next few years.

Particularly noteworthy is the financial strength of Axpo Solutions, which has net financial assets of CHF 834.5 million. These net financial assets comprise financial liabilities on the one hand and cash and cash equivalents and financial receivables on the other (the CHF 1,306.2 million cash pool receivable from Axpo Holding AG is particularly significant in this regard). They reflect the capital increases by Axpo Holding AG in previous years, which ensured that Axpo Solutions would enjoy sufficient capitalisation and liquidity and have the necessary financial scope to pursue its energy trading activities. On top of that, Axpo Solutions holds CHF 611.1 million of readily sellable inventory of gas and certificates.

Axpo Solutions' equity declined from CHF 1,786.8 million to CHF 1,682.2 million during business year 2017/18. As at 30 September 2018, it includes a hedge reserve of CHF –454.6 million (increased from CHF –197.1 million as at 30 September 2017). For detailed information, please refer to Note 24. The hedged item will be realised almost in its entirety over the next two business years, thereby neutralising the negative hedge reserve. This will lead to a corresponding increase in equity over the next two business years.

Opportunities exploited

The energy markets were shaped by rising electricity prices and more expensive CO_2 certificates, which also increased volatility. Axpo's energy trading operations succeeded in exploiting the opportunities this presented and were well prepared for the higher cost of electricity and CO_2 contracts. Conversely, lower hedge prices had a negative impact.

"The strongly decentralised Axpo Solutions business model is paying off. The relentless organic growth of the last decade cemented the strong customer franchise into the regions in which it operates."

As Axpo hedges its production up to three years in advance, the low electricity prices of 2014–2016 are having a delayed impact on the result. The situation will bottom out in the 2018/19 financial year, giving way to a renewed upward trend in hedged electricity prices. From the 2019/20 financial year onwards, production has been successfully hedged at price levels that are around a third higher than the lows reached in 2015/16.

The strongly decentralised Axpo Solutions business model is paying off. The relentless organic growth of the last decade cemented the strong customer franchise into the regions in which it operates. Axpo Solutions has been quick to harness market opportunities and occupy niches abroad, and this strategy was continued in the 2017/18 financial year. Axpo Solutions now has a presence in 28 countries and is active in 39 markets, where it supplies industrial companies, producers, energy suppliers and SMEs with renewable energy. Customer focus and knowledge of the local regulations, markets and economic structures remain key to its success.

"With a customer portfolio representing an installed capacity of 14,000 MW, Axpo is amongst the leading marketers of renewable energies in Europe."

The overall growth trend in energy procurements and supplies continued. In the last financial year, for instance, 70.9 TWh were supplied to customers in the European markets, 2.8% more than in the previous financial year. At 36.3 TWh (–17.9%), gas deliveries decreased, mainly as a result of lower gas sales in France. Axpo Solutions' own power plant fleet was not the only source of this energy: the figures also include energy from plants operated on behalf of customers as well as extra quantities procured on the market. For this reason, these volumes are not shown in the sales figures.

Axpo Solutions steadily expanded its business activities on the Iberian Peninsula, specifically in the gas business. The ancillary services provided by gas-fired combined-cycle power plants in Italy also made a substantial contribution to the result. In addition, Axpo Italia successfully defended its position as the fourth-biggest marketer of electricity to private end users.

Business activities continue to see strong growth in Northern Europe, particularly in origination. One example of this is the deal struck with Amsterdam-based AEB, one of the biggest waste-to-energy producers in the region. The contract covers the supply of 0.5 TWh per year as well as access to the energy markets. A significant number of the power purchase agreements (PPAs) came from Axpo Nordics, where the wind portfolio grew to 3,000 MW. Axpo's subsidiary in the USA has enjoyed a very successful second year of operation, making a positive contribution to Axpo Solutions AG's figures. Activity was spread over a number of markets including PJM, ERCOT, MISO and NYISO.

Awards Energy Risk Magazine

As in previous years, Axpo won several awards and was rated number one in risk management and trading activities by its customers. The two trade magazines "Energy Risk" and "Risk" – or, more precisely, the customers and business partners that they surveyed – crowned Axpo the world's best power trader. The Group also secured nine more first-place rankings in various categories.

During 2017/18, Axpo continued to work on adjusting its Group structure in line with the changing challenges posed by the markets. Axpo Trading AG was renamed Axpo Solutions AG in September 2018. In recent years, the portfolio of what was previously Axpo Trading Group has expanded considerably. Trading thus continues to be an important pillar – the range of tailor-made services for customers in particular has grown substantially in the last few years. The former name therefore no longer reflects the increased focus on customer business.

A leader in renewable energies in Europe
With a customer portfolio representing an installed capacity of 14,000 MW, Axpo is among the leading marketers of renewable energies in Europe. Axpo subsidiary Volkswind sold four wind farms from its extensive portfolio in France to Allianz Global Investors. Thanks to Volkswind, Axpo has established itself in a market in which greater added value can be generated from the renewable energies business. As well as operating the plants and marketing electricity, Axpo's business model also encompasses the development, construction, sale and management of wind farms.

Axpo Solutions is also enjoying success with supply contracts for green electricity, at a time when many states in Europe are increasingly cutting subsidies for the generation of renewable energies. After years of start-up financing, market forces now hold greater sway. As a result, providers of PPAs have a foothold in a growing business – and Axpo is right at the forefront. For example, the Unilever Group signed a contract with Axpo Italy to purchase electricity from the WinBis wind farm in Southern Italy for all of the company's plants in the country.

Axpo also signed a PPA on the Iberian Peninsula. In so doing, Axpo Iberia paved the way for the construction in Portugal of Europe's first solar power plant to be built without any state subsidies. Instead, the financing of the 25 MW plant has been secured by a ten-year PPA.

Axpo Solutions continued to increase its retail activities. For instance, the business activities were stepped up in Italy, where Axpo Solutions has over 200,000 delivery points. Axpo also intends to increase the number of supply contracts for electricity and natural gas in its end customer business in Italy, Spain, Portugal and Poland.

Expanding its position on the gas market
Axpo Solutions has been involved in the gas business for many years – from trading in natural gas through to its physical delivery. Axpo was awarded a licence to trade gas in Ukraine during the last financial year, marking the start of business activities in a country that is a major gas market in both strategic and volume terms.

Axpo Solutions has a 5% stake in the Trans Adriatic Pipeline (TAP). The construction is progressing on schedule. We expect deliveries of natural gas from the Caspian Sea region via the TAP to commence in 2020.

Axpo Solutions is also expanding its position in the trade of liquefied natural gas (LNG). Physical deliveries amounting to some 23.5 TWh were made during the reporting year. A letter of intent for contract negotiations was signed with Canadian project developer Pieridae Energy Limited during the financial year, the aim being to supply the European markets with Canadian LNG.

"Axpo is also enjoying success with supply contracts for green electricity."

Axpo Solutions can look back on a successful financial year, so we thank our customers and business partners for their confidence in us. We want to say a special thanks our employees, who have put in a great deal of effort and done outstanding work. We are proud of such a commited and engaged work force in our company. For we are convinced that it is on this basis that Axpo Solutions will succeed in meeting the challenges presented by regulatory and economic change and in exploiting the opportunities that they offer.

Martin Schwab
Chairman of the Board of Directors

Domenico De Luca
CEO

Contents Financial Report

Consolidated income statement

CHF million	Notes	2017/18	2016/17
Revenues from sales of energy	7	3 345.6	4 047.3
Changes in inventories		0.0	–0.2
Capitalised production costs		0.7	1.8
Result from currency forward contracts		29.4	–171.3
Other operating income		48.1	71.9
Total income		**3 423.8**	**3 949.5**
Expenses for energy procurement and cost of goods purchased	8	–2 628.1	–3 658.5
Expenses for materials and third-party supplies		–47.7	–27.1
Personnel expenses	9	–164.8	–149.4
Other operating expenses	10	–202.0	–183.2
Share of profit from partner plants and other associates	16	–20.1	17.4
Earnings before interest, tax, depreciation and amortisation (EBITDA)		**361.1**	**–51.3**
Depreciation, amortisation and impairments	11	–89.9	–79.1
Earnings before interest and tax (EBIT)		**271.2**	**–130.4**
Financial income	12	30.0	48.6
Financial expense	12	–80.4	–81.2
Earnings before tax (EBT)		**220.8**	**–163.0**
Income tax expense	13	–71.0	–81.4
Result for the period		**149.8**	**–244.4**
Attributable to:			
Axpo Solutions shareholders		**150.5**	**–245.9**
Non-controlling interests		**–0.7**	**1.5**

	2017/18	2016/17
Earnings per share		
Total average number of registered shares issued with a par value of CHF 50.00[1]	31 340 000	22 514 247
Result for the period in CHF million	150.5	–245.9
Earnings per share in CHF	**4.8**	**–10.9**

1 In the previous reporting period, the share capital of Axpo Solutions AG (former Axpo Trading AG) was increased by CHF 455.0 million and 9,100,000 bearer shares were issued at nominal value.

Consolidated statement of comprehensive income

CHF million	Notes	2017/18	2016/17
Result for the period		**149.8**	**–244.4**
Cash flow hedges group companies		**–260.6**	**–300.2**
Fair value adjustments		–444.3	–312.1
Result transferred to the income statement		124.1	–55.1
Income taxes	13	59.6	67.0
Share of cash flow hedges other associates		**3.3**	**6.5**
Fair value adjustments	16	3.6	6.8
Income taxes	13	–0.3	–0.3
Currency translation differences group companies		**–10.6**	**63.9**
Currency translation differences for the year		–10.6	63.9
Share of currency translation differences other associates		**1.1**	**–0.3**
Currency translation differences for the year	16	1.1	–0.3
Income and expenses to be reclassified subsequently to profit or loss, net after income tax		**–266.8**	**–230.1**
Remeasurement defined benefit plans group companies		**14.0**	**24.6**
Remeasurement defined benefit plans		17.2	30.2
Income taxes	13	–3.2	–5.6
Remeasurement defined benefit plans partner plants and other associates		**3.5**	**6.4**
Remeasurement defined benefit plans	16	4.4	8.0
Income taxes	13	–0.9	–1.6
Income and expenses not to be reclassified subsequently to profit or loss, net after income tax		**17.5**	**31.0**
Other comprehensive income after income tax		**–249.3**	**–199.1**
Total comprehensive income		**–99.5**	**–443.5**
Attributable to:			
Axpo Solutions shareholders		**–99.4**	**–448.0**
Non-controlling interests		**–0.1**	**4.5**

Consolidated balance sheet

CHF million	Notes	30.9.2018	30.9.2017
Assets			
Property, plant and equipment	14	578.2	541.2
Intangible assets	15	343.6	381.3
Investments in partner plants and other associates	16	350.8	325.8
Derivative financial instruments	6	1 923.9	994.8
Other financial assets	18	336.2	400.8
Other receivables	22	90.3	90.8
Deferred tax assets	13	46.3	51.6
Total non-current assets		**3 669.3**	**2 786.3**
Assets held for sale	14	1.2	0.0
Inventories	19	681.1	538.1
Trade receivables	20	610.4	691.3
Financial receivables	21	1 405.5	1 069.6
Current tax assets		20.8	38.8
Derivative financial instruments	6	2 341.6	1 368.7
Other receivables	22	1 829.5	1 393.5
Cash and cash equivalents	23	411.1	238.8
Total current assets		**7 301.2**	**5 338.8**
Total assets		**10 970.5**	**8 125.1**
Equity and liabilities			
Share capital	24	1 567.0	1 567.0
Retained earnings		871.2	708.3
Other reserves	24	−800.7	−533.6
Total equity excluding non-controlling interests		**1 637.5**	**1 741.7**
Non-controlling interests		44.7	45.1
Total equity including non-controlling interests		**1 682.2**	**1 786.8**
Financial liabilities	25	662.2	624.8
Derivative financial instruments	6	1 993.4	1 322.0
Other liabilities	26	119.7	158.4
Deferred tax liabilities	13	132.0	159.3
Provisions	27	370.8	405.6
Total non-current liabilities		**3 278.1**	**2 670.1**
Trade payables		553.7	580.5
Financial liabilities	25	656.1	329.5
Current tax liabilities		35.5	34.8
Derivative financial instruments	6	2 788.3	1 435.1
Other liabilities	28	1 871.5	1 241.2
Provisions	27	105.1	47.1
Total current liabilities		**6 010.2**	**3 668.2**
Total liabilities		**9 288.3**	**6 338.3**
Total equity and liabilities		**10 970.5**	**8 125.1**

Consolidated statement of changes in equity

	Share capital	Retained earnings	Other reserves	**Total equity excluding non-controlling interests**	Non-controlling interests	**Total equity including non-controlling interests**
Equity at 30.9.2016	**1 112.0**	**937.9**	**–310.7**	**1 739.2**	**40.7**	**1 779.9**
Total other comprehensive income after income tax		20.8	–222.9	**–202.1**	3.0	**–199.1**
Result for the period		–245.9		**–245.9**	1.5	**–244.4**
Total comprehensive income		**–225.1**	**–222.9**	**–448.0**	**4.5**	**–443.5**
Dividend		0.0		**0.0**	–0.1	**–0.1**
Increase and decrease in capital	455.0	–4.5[1]		**450.5**	0.0	**450.5**
Equity at 30.9.2017	**1 567.0**	**708.3**	**–533.6**	**1 741.7**	**45.1**	**1 786.8**
Total other comprehensive income after income tax		17.2	–267.1	**–249.9**	0.6	**–249.3**
Result for the period		150.5		**150.5**	–0.7	**149.8**
Total comprehensive income		**167.7**	**–267.1**	**–99.4**	**–0.1**	**–99.5**
Dividend		0.0		**0.0**	–0.1	**–0.1**
Change in consolidation scope		–4.8	0.0	**–4.8**	0.0	**–4.8**
Increase and decrease in capital	0.0	0.0		**0.0**	–0.2	**–0.2**
Equity at 30.9.2018	**1 567.0**	**871.2**	**–800.7**	**1 637.5**	**44.7**	**1 682.2**

1 Emission duty of share capital increase of the previous reporting period.

Consolidated cash flow statement

CHF million	Notes	2017/18	2016/17
Earnings before tax (EBT)		220.8	–163.0
Financial result	12	50.4	32.6
Earnings before interest and tax (EBIT)		**271.2**	**–130.4**
(Gains)/losses on disposal of non-current assets		1.4	–5.4
Adjustment of non-cash expenses and income:			
Depreciation, amortisation and impairments	11	89.9	79.1
Change of provisions (excluding interest, net)	27	9.8	–32.9
Unrealised (gain)/loss on derivative financial instruments		–151.3	194.0
Increase and reversal of provisions on inventories and bad debt allowances		8.5	4.8
Share of profit of partner plants and associates	16	20.1	–17.4
Other non-cash items		2.6	3.9
Change in net working capital:			
Change in inventories		–15.5	–60.8
Change in trade receivables		63.9	–28.4
Change in other receivables		–425.4	141.8
Change in trade payables		–18.7	38.2
Change in other liabilities (current)		638.5	–39.6
Change in derivative financial instruments		–238.3	–100.6
Dividends received	16	17.6	22.4
Other financial result		–32.5	0.6
Income taxes paid		–16.3	–35.2
Cash flow from operating activities		**225.5**	**34.1**
Property, plant and equipment:			
Investments net of capitalised borrowing costs	14	–44.2	–11.2
Disposals and cost contributions		0.3	3.9
Intangible assets:			
Investments (excluding goodwill)	15	–6.9	–4.4
Disposals		0.1	1.0
Acquisition of subsidiaries (net of cash acquired)		–1.8	–1.3
Investments in partner plants and other associates:			
Investments		–18.6	–12.6
Disposals and capital repayments		17.2	12.6
Other financial assets:			
Investments		–65.9	–77.0
Disposals and repayments		14.3	0.0
Investment properties:			
Disposals		0.0	0.7
Financial receivables (current)		–315.2	–606.9
Change in financial assets (current)		0.0	0.7
Interest received		28.5	21.7
Cash flow used in investing activities		**–392.2**	**–672.8**

CHF million	Notes	2017/18	2016/17
Financial liabilities (current and non-current):			
Proceeds	25	1 379.6	1 267.2
Repayment	25	–1 004.9	–1 233.6
Increase in capital[1]		0.0	450.5
Changes in non-controlling interests		–0.2	0.0
Dividend payments to non-controlling interests		–0.1	–0.1
Interest paid		–31.0	–43.8
Cash flow from financing activities		**343.4**	**440.2**
Currency translation effect		–4.4	11.9
Change in cash and cash equivalents		**172.3**	**–186.6**
Cash and cash equivalents at the beginning of the reporting period	23	**238.8**	**425.4**
Cash and cash equivalents at the end of the reporting period	23	**411.1**	**238.8**

1 In the previous reporting period, the share capital of Axpo Solutions AG was increased by CHF 455.0 million.

Notes to the consolidated financial statements

1 General information

Axpo Solutions AG (former Axpo Trading AG) is a public limited company incorporated under Swiss law with its registered office in Baden. It is a wholly owned subsidiary of Axpo Holding AG, Baden. Axpo Solutions AG and its subsidiaries constitute Axpo Solutions Group.
Axpo Solutions Group provides origination and retail services for its customers and trades in energy. Its activities are targeted primarily at the European corporate customer and producer segment and increasingly also at the small and medium enterprise segment. Axpo Solutions Group operates trading and sales companies in various European countries, in a number of neighbouring countries and in the United States of America (see Note 34 "Investments"). In addition, Axpo Solutions Group has investments in power plants in Switzerland as well as long-term procurement agreements with power plants in France and wind farms in various European countries. It also owns gas-fired combined-cycle power plants in Italy and wind farms in France, Germany, Italy and Spain. With the acquisition of the Volkswind Group in 2016, Axpo Solutions Group moved into the business of building, operating and selling wind farms in Germany and France.
Axpo Solutions Group acts as the single market access for Axpo Power AG and its power plant participations. The energy produced is transferred to Axpo Solutions Group for the purpose of hedging. Axpo Solutions Group also manages the supply contracts with the Swiss cantonal utilities or large consumers on behalf of Axpo Group. Axpo Power AG renders services to Axpo Solutions Group with respect to the management of its power plants.

2 Basis of accounting

General principles
The consolidated financial statements of Axpo Solutions Group have been prepared in accordance with International Financial Reporting Standards (IFRS) and comply with Swiss law. The consolidated financial statements were approved for publication by the Board of Directors of Axpo Solutions Group on 10 December 2018 and are subject to the approval of the Annual General Meeting on 11 January 2019.

Measurement bases
The consolidated financial statements are based on the historical cost principle. Exceptions are described in Note 4 "Accounting policies".

Significant changes in accounting policies
All standards and interpretations effective at the end of the reporting period were applied when preparing the consolidated financial statements. For the reporting year 2017/18, the following revised standards and interpretations were applied for the first time:
- IAS 7 (amended) – Disclosure Initiative (1 January 2017)
- IAS 12 (amended) – Recognition of Deferred Tax Assets for Unrealised Losses (1 January 2017)
- IFRSs (2014–2016 cycle) – Annual Improvements (IFRS 12) (1 January 2017)

Due to the changes of IAS 7 Cash Flow Statement, additional dislosures related to the changes of financial liabilities are presented in Note 25. The other revised standards and interpretations had no significant effect on the consolidated financial statements and the disclosures of Axpo Solutions Group.

Future application of new standards and interpretations
Axpo Solutions Group is currently analysing the potential impact of the following new and revised standards and interpretations that have already been issued but whose adoption in the consolidated financial statements of Axpo Solutions Group is not yet mandatory. They will be adopted by Axpo Solutions Group no later than the financial year beginning on or after the date specified in brackets.
- IFRS 2 (amended) – Classification and Measurement of Share-based Payment Transactions (1 January 2018)
- IFRS 9 – Financial Instruments (1 January 2018)
- IFRS 9 (amended) – Prepayment Features with Negative Compensation (1 January 2019)
- IFRS 15 – Revenue from Contracts with Customers (1 January 2018)
- Clarifications to IFRS 15 – Revenue from Contracts with Customers (1 January 2018)
- IFRS 16 – Leases (1 January 2019)
- IAS 19 (amended) – Plan Amendment, Curtailment or Settlement (1 January 2019)
- IAS 28 (amended) – Long-term Interests in Associates and Joint Ventures (1 January 2019)
- IAS 40 (amended) – Transfers of Investment Property (1 January 2018)
- IFRIC 22 – Foreign Currency Transactions and Advance Consideration (1 January 2018)

- IFRIC 23 – Uncertainty over Income Tax Treatments (1 January 2019)
- IFRSs (2014–2016 cycle) – Annual Improvements (IFRS 1 and IAS 28) (1 January 2018)
- IFRSs (2015–2017 cycle) – Annual Improvements (1 January 2019)
- Framework for the Preparation and Presentation of Financial Statements (1 January 2020)

The impact on the consolidated financial statements of some standards and interpretations has not yet been determined on a sufficiently reliable basis. Based on current analyses and with the exception of the application of IFRS 16, for which the analysis is still ongoing, Axpo Solutions Group does not expect any material impact on the Group's financial position and results of operations. The expected impact from the applicaction of IFRS 9 and IFRS 15 are described below.

IFRS 9 – Financial Instruments

IFRS 9 – Financial Instruments replaces the requirements of IAS 39 governing the classification and measurement of financial assets and liabilities, hedge accounting and impairments. The new standard reduces the number of measurement categories for financial assets. In future, Axpo Solutions Group will measure debt and equity instruments, which were previously measured at fair value through other comprehensive income, at fair value through profit or loss. Axpo Solutions Group expects no significant impact from the new valuation approach.

Impairments are no longer recognised on the basis of losses already incurred, but instead on the basis of expected losses. This leads to an earlier recognition of impairments and higher volatility in the income statements. The additional impairments will not have a significant impact on the financial statements of the Axpo Solutions Group at the transition date. They will be recognised in the opening balance as of 1 October 2018, not affecting net income.

The aim of the new hedge accounting requirements is to better reflect risk management activities in the consolidated financial statements. For this purpose, IFRS 9 extends, among other things, the qualifying transactions for hedge accounting and simplifies effectiveness testing. Axpo Solutions Group will apply the hedge accounting requirements of IFRS 9 to existing hedging relationships at the date of transition. No significant impact will result from the application.

IFRS 15 – Revenue from Contracts with Customers

In May 2014, the IASB published the new standard IFRS 15 – Revenue from Contracts with Customers. The new standard replaces IAS 11 – Construction Contracts, IAS 18 – Revenue, IFRIC 13 – Customer Loyalty Programmes, IFRIC 15 – Agreements for the Construction of Real Estate, IFRIC 18 – Transfers of Assets from Customers and SIC-31 Revenue – Barter Transactions Involving Advertising Services. The standard defines when and at which amount revenues have to be recognised. According to IFRS 15, revenues will be recognised at an amount that reflects the consideration to which the entity expects to be entitled in exchange for transferring goods or services to a customer. The recognition occurs at a certain point of time (or over time) when control of the underlying goods or services is transferred from the entity to the customer. The framework is given by a five step model. Axpo Solutions Group will apply the new standard for the first time for the financial year commencing on 1 October 2018 and will apply the modified, retrospective transition method, which requires the standard to be applied only to the most recent reporting period presented in the financial statements (financial year 2018/19). The prior reporting period (2017/18) is presented according to the old requirements.

Within the project to implement IFRS 15, the following significant impact has been identified compared to the previous revenue recognition:

- IFRS 15 contains revised and amended criteria for the examination of the "principal" or "agent" constellation. Under the new standard, the differentiation between "principal" and "agent" depends on the control of the product or service rather than the distribution of risks and rewards.

The Axpo Solutions Group has identified the following transactions in which, unlike under IAS 18, Axpo Solutions Group now only qualifies as an agent:

- In certain countries in which the Axpo Solutions Group acts as an energy supplier, the energy is supplied to the end customer through third-party distribution grids and gas pipelines. For the transmission of energy Axpo Solutions Group only qualifies as an agent and not as principal anymore. This results in a reduction of "Net sales from energy business" as well as "Expenses for energy procurement" by approximately CHF 670 million. However, this has no influence on the operating result.

Compared to the current standard, the disclosure requirements are more extensive under IFRS 15. The Axpo Solutions Group has analysed the new standard and adapted the systems and processes to meet the new requirements.

IFRS 16 – Leases

IFRS 16 – Leases was published on 13 January 2016 and sets out the principles for the recognition, measurement, presentation and disclosure of leases. It introduces a single lessee accounting model and requires a lessee to recognise assets and liabilities for all leases unless the term of the contract is twelve months or less or the underlying asset is of low value (optional recognition). A lessor continues to classify its leases as operating leases or finance leases. The accounting model for those two types of leases is not significantly different from that in IAS – 17 Leases. The impact of IFRS 16 on the consolidated financial statements of Axpo Solutions Group is still being analysed.

3 Consolidation principles

Scope of consolidation

The consolidated financial statements are based on the separate financial statements of the subsidiaries. Subsidiaries are companies controlled by the Group. The Group controls a company if it is exposed, or has rights, to variable returns from its involvement with the company and has the ability to affect those returns through its power over the company. The financial statements of subsidiaries are included in the consolidated financial statements from the date on which control commences until the date on which control ends.

Business combinations

Business combinations are accounted for at the date of acquisition using the acquisition method. Assets and liabilities of subsidiaries acquired are measured at their fair value. Transaction costs incurred in connection with an acquisition are recognised in the income statement.
Any positive amount arising from an acquisition is capitalised as goodwill. Goodwill corresponds to the excess of the sum of the purchase price, the amount of any non-controlling interest and the fair value of the previously held equity share in the acquired subsidiary less the balance of the acquired assets and liabilities measured at fair value. There is an option for measuring non-controlling interests in each transaction. These can be valued either at fair value or at the corresponding share of the non-controlling interests in the fair value of the net assets acquired.
If the fair value of the net assets acquired is in excess of the aggregated consideration transferred, the fair value of the net assets acquired is reassessed and any remaining excess is immediately recognised in the income statement.
Goodwill is tested for impairment at least annually, or earlier if there is any indication of impairment.
Non-controlling interests are reported separately from the equity of the Group. Changes in the Group's interest in a subsidiary that do not result in a loss of control are treated as equity transactions with owners. Any difference between the purchase price paid or the consideration received and the amount by which the minority interest is changed is recognised directly in equity.

Investments in partner plants and other associates

An associate is a company over which Axpo Solutions Group exercises significant influence without having control over its financial and business policy. As of the date of acquisition, the fair value of the proportional net assets is calculated and, together with any goodwill, recognised in the balance sheet under investments in partner plants and other associates. In subsequent reporting periods, this amount is adjusted for any change in Axpo Solutions Group's share of the capital, income earned and impairment losses/reversals as well as any dividends.

Partner plants are companies that design, construct, maintain or operate power plants, grids or nuclear storage facilities, or companies that administer energy procurement rights. The shareholders commit to purchasing a pro-rata share of the energy and to pay a pro-rata share of the annual costs. Partner plants in which Axpo Solutions Group does not hold a majority interest or over which it does not have control are also classified as associates and accounted for using the equity method.
Due to the legal obligation to pay the annual costs, the acquisition of an investment in a partner plant may result in a provision for an onerous energy procurement contract rather than an asset for an energy procurement right.

Intragroup transactions

Electricity produced by partner plants is invoiced to the shareholders at annual production cost on the basis of existing partnership agreements and irrespective of market prices. Market prices generally apply for the invoicing of other goods and services between group companies and related parties. Intercompany profits and transactions within Axpo Solutions Group are eliminated in the consolidated financial statements.

Presentation currency and foreign currency translation

The presentation currency, which is also Axpo Solutions AG's functional currency, is the Swiss franc. Transactions in foreign currencies are translated at the exchange rate prevailing on the date of the transaction or at an exchange rate which approximately corresponds to the transaction rate. At the end of the reporting period, monetary assets and liabilities in foreign currencies are translated at the exchange rates prevailing at the balance sheet date. Any resulting translation differences which arise are recognised in the income statement.
Assets and liabilities of subsidiaries and of associates accounted for using the equity method whose functional currency is not the Swiss franc are translated on consolidation into Swiss francs at the exchange rate prevailing on the balance sheet date. Goodwill and fair value adjustments arising from the acquisition of a foreign operation are recognised in the balance sheet as assets of the acquired entity. The income statement, cash flow statement and other movement positions are translated at the average exchange rate for the reporting period. Exchange differences arising from the translation of the balance sheet and the income statement of foreign subsidiaries and associates accounted for using the equity method are recognised directly in other comprehensive income and accumulated in consolidated equity and reported separately in the notes as foreign currency translation reserves.

Non-current receivables or loans to group companies for which repayment is neither planned nor likely to occur in the foreseeable future are, in substance, a part of the Group's net investment in that group company. Foreign exchange differences resulting from such non-current receivables or loans are recognised in other comprehensive income and in the income statement on liquidation or disposal of the foreign operation.

Foreign currency exchange rates

The following exchange rates were applied:

		Year-end rates		Average rates	
Currency	**Unit**	**30.9.2018**	**30.9.2017**	**2017/18**	**2016/17**
EUR	1	1.1316	1.1457	1.1616	1.0911
NOK	100	11.9537	12.1721	12.1039	11.8759
PLN	100	26.4553	26.6182	27.3800	25.4300
SEK	100	10.9768	11.8738	11.4813	11.3349
USD	1	0.9775	0.9704	0.9763	0.9882

Axpo Solutions Group enters into forward contracts to hedge its exposure from certain foreign currency risks. The accounting policies applied to these derivative financial instruments are described below.

4 Accounting policies

Revenue recognition

Revenue is recognised in the income statement upon delivery of goods or rendering of services to the customer or on the date on which the significant risks and rewards related to the sale are transferred to the purchaser. Revenue is presented based on energy sales effectively invoiced and revenue accrued during the reporting period. In general, sales are reported net after deduction of value added tax and trade discounts.

Revenues and costs related to the customer solution business as well as energy trades, which are measured at fair value, are presented net in result from energy trading.

Distinction between sale of own energy production, retail business and customer solution business

For the first sale of the self-produced energy, revenue is recognised upon delivery of goods in net sales from energy business, whereas all following contracts in the management chain are treated as hedge products, measured at fair value and recognised in result from energy trading.

The retail business mainly consists of physical energy deliveries and other services, such as installation and grid connections. Counterparties are households and small to medium-sized entities. The related revenue is recognised upon delivery of the goods in net sales from energy business or upon rendering of the service in other net sales.

All other business including origination is referred to as customer solution business. The recognition of revenue in the customer solution business is based on a portfolio approach, where all contracts are measured at fair value and booked in result from energy trading. These contracts, portfolios and inventories are principally acquired with the purpose of selling them in the near future and generating a profit from fluctuations in price or broker-traders' margin. Energy trades, which are a purely financial speculative business, are presented net in result from energy trading.

Borrowing costs

Borrowing costs are recognised as an expense in the period in which they are incurred. Borrowing costs directly related to the long-term acquisition or construction of a facility are capitalised for the period from the commencement of the acquisition or construction work until the facility is ready for operational use.

Property, plant and equipment

Items of property, plant and equipment are measured at acquisition or manufacturing cost and are subject to regular straight-line depreciation over the estimated useful life of each asset category or over the period to the date of reversion of the power plants. Unscheduled depreciation is only recognised in the case of damage or impairment, as described under "impairment of non-financial assets" below. The acquisition or manufacturing costs of property, plant and equipment comprise the purchase price, including import duties and any non-recoverable purchase taxes, and all directly attributable costs incurred to make the asset ready for operational use. Further components are the estimated costs of dismantling and removing of the asset and the restoration of the site. In the case of long-term investment projects, borrowing costs are capitalised during the construction phase.

The estimated useful lives for the individual asset categories are reviewed annually and lie within the following ranges:

Land and assets under construction	only in the case of impairment
Operational and administrative buildings	15–60 years
Power plants	10–80 years depending on the type of installation and the concession period
Distribution systems	10–80 years
Equipment and fixtures	3–15 years
IT hardware and software	3–5 years

If significant components of an item of property, plant and equipment have a different useful life, they are depreciated separately (component approach).
Ordinary repairs and maintenance of buildings and operating facilities are accounted for directly as expenses. Expenditures for extensions and replacements are capitalised if it is probable that the future economic benefits associated with the expenditures will flow to Axpo Solutions Group and the cost of the investments can be measured reliably. Assets under construction are assets which are unfinished or not yet ready for operation. Depreciation of these assets begins upon completion or when they are ready for operational use.

Intangible assets

Intangible assets are recognised in the balance sheet at acquisition cost less accumulated amortisation and any accumulated impairment losses. Intangible assets are amortised using the straight-line method over the estimated useful life of the asset, unless the useful life is indefinite. Goodwill and intangible assets with an indefinite useful life are not amortised, but tested for impairment annually. The accounting of goodwill is explained in detail in Note 3 "Consolidation principles". Energy procurement rights comprise advance payments for the rights to the long-term supply of electricity including capitalised interest. These rights are amortised over the contract term using the straight-line method.
Rights of use for facilities comprise contractually agreed one-time payments to a contracting party as compensation for the use of that party's transmission and distribution systems. These rights are amortised over the contract term using the straight-line method.
All intangible assets apart from goodwill have finite useful lives and are therefore amortised on a systematic basis.

Inventories

Wind farms which are built for sale in the ordinary course of business are measured at cost incurred or at their lower net realisable value.
Emission certificates, green certificates, gas inventories and materials that have been acquired and held in relation with the own energy production and the retail business are measured at weighted average cost. If the net realisable value is below the purchase or production cost, an impairment loss is recognised in the income statement.
Emission certificates, green certificates and gas inventories, allocated to the customer solution business, have principally been acquired for resale in the near term with a view to generating a profit from price fluctuations or dealer's margin. These inventories are measured at fair value less costs to sell. Changes in value are recognised net in the income statement.

Provisions

Provisions are recognised when Axpo Solutions Group has a present obligation from past business transactions or events, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and the amount can be estimated reliably.
Long-term provisions are recognised at the present value of the expected cash outflow at the balance sheet date where the effect is significant. The provisions are reviewed annually at the balance sheet date and adjusted, taking into account current developments.
With regard to long-term energy procurement and supply contracts, identifiable losses from onerous contracts are provided for, taking into account market price developments, the effective costs of procurement and sales revenue. Additionally, the acquisition of an investment in a partner plant may result in a provision for an onerous energy procurement contract instead of an asset for the energy purchase right due to the legal obligation to assume the annual costs.
A provision is also recognised for the obligation to deliver certificates in relation to energy production or energy sales. If certificates have already been purchased, a provision equivalent to the purchase cost of the certificates is recognised.
Provisions are also recognised for the dismantling and removing of conventional thermal gas-fired combined-cycle power plants and wind farms.

Employee benefits

Axpo Solutions Group operates pension plans in accordance with national legislation in each country. Swiss employees are insured with the PKE-CPE Vorsorgestiftung Energie, a legally independent pension fund which qualifies as a defined benefit plan under IAS 19. There are also defined contribution plans. Employer contributions paid or owed for pension funds with defined contribution plans are recognised in the income statement.
The defined benefit obligation attributable to Axpo Solutions Group is calculated annually by an independent actuary using the projected unit credit method. The discount rate used for the calculation is based on the interest rate for high quality corporate bonds with virtually the same maturities as the liabilities. The market value of the plan assets is deducted from the liability.

Three components make up the pension costs:
- Service cost, recorded under personnel expenses in the income statement
- Net interest expense, recorded under personnel expenses in the income statement
- Remeasurement components, recorded in other comprehensive income

The service cost encompasses current service cost, past service cost, and gains and losses from plan settlements. Gains or losses from curtailments form part of the past service cost. Net interest expense is calculated by multiplying the net pension liability (or asset) at the beginning of the financial year with the discount rate, taking into account any changes during the year as a result of contributions and pension payments. Remeasurement components comprise actuarial gains and losses from the development in the present value of the defined benefit obligation arising from changes in the assumptions and experience adjustments, as well as the return on plan assets minus amounts included in the net interest expense, and changes in the asset ceiling minus effects included in net interest expense. Remeasurement components are recognised in other comprehensive income and cannot be recycled. The amount recognised in the consolidated financial statements corresponds to the surplus or deficit of the defined benefit plans (net pension liability or asset).

Income taxes

These include current and deferred income taxes and are normally recognised in the income statement unless they are related to transactions that are recognised in other comprehensive income or directly in equity.
Current income taxes are calculated on taxable profits and accrued for the relevant period. The deferred tax assets and liabilities shown in the consolidated financial statements are calculated using the balance sheet liability method, where deferred taxes are recognised for all temporary differences. Temporary differences arise from differences between the carrying amount of an asset or liability and its relevant tax value. These differences will reverse in one or more future periods. Temporary differences resulting from the initial recognition of goodwill, from the initial recognition of assets or liabilities in a transaction which impact neither the taxable results nor profit for the year, and from investments in subsidiaries, if it is likely that the temporary difference will not be reversed in the foreseeable future, are not recognised. Country-specific tax rates are used for calculating deferred taxes. Tax assets and liabilities are offset if they involve the same tax subject and the same tax jurisdiction. Deferred tax assets or liabilities are presented as non-current assets or liabilities. Deferred tax assets arising from losses carried forward and deductible temporary differences are capitalised only if it is likely that they can be realised in the future.

Contingent liabilities

These are obligations for which an outflow of cash is considered unlikely but possible and obligations which are possible but whose existence is not yet confirmed. They are not recognised in the balance sheet unless they were acquired as part of the acquisition of a subsidiary. In contrast, the amount of a possible obligation is disclosed at the balance sheet date as a contingent liability in the notes to the consolidated financial statements.

Impairment on non-financial assets

At the balance sheet date, Axpo Solutions Group reviews the carrying amounts of tangible and intangible assets as well as investments in other associates to determine whether there is any indication of impairment. If any such indications exist, the recoverable amount of the asset or, if this is not possible, the recoverable amount of the cash-generating unit to which the asset belongs, is estimated and compared with the carrying amount (impairment test). If the carrying amount exceeds the estimated recoverable amount, an impairment loss is recognised in the amount of the difference. The recoverable amount is equivalent to the higher of the value-in-use and the fair value less costs to sell. When calculating the value-in-use, the estimated future cash flows are discounted using a pre-tax interest rate. This pre-tax interest rate takes into account the current market estimate of the time value of money and the risks inherent in the asset, insofar as these risks have not already been included in the estimate of the cash flows. Once impaired, the carrying amount of assets is adjusted annually to the amount obtained using the discounted cash flow method, but in the case of a reversal the carrying amount is increased, not exceeding the depreciated amount that would have been determined if no impairment loss had been recognised. This excludes reversals of impairment in respect of goodwill. Goodwill arising from business combinations is allocated on the acquisition date to the cash-generating units that are expected to benefit from the synergies of the business combination. Regardless of indicators, goodwill is tested for impairment annually.

Financial assets and liabilities

Financial assets and liabilities comprise other financial assets, financial receivables, cash and cash equivalents, current and non-current derivative financial instruments, trade receivables and payables, current and non-current financial liabilities and, to some extent, other current and non-current receivables and liabilities.

Financial assets and liabilities are categorised according to IAS 39 as:
- Financial assets and liabilities at fair value through profit or loss
- Loans and receivables
- Available-for-sale financial assets
- Other liabilities measured at amortised cost

The financial assets and liabilities are consistently measured within each category of financial assets and liabilities. They are initially recognised at fair value. For financial instruments which are not classified as "at fair value through profit or loss", directly attributable transaction costs are additionally included. The subsequent measurement is based on the category to which the financial assets and liabilities are assigned.
Financial assets and liabilities are classified as "at fair value through profit or loss" if they were designated as such upon initial recognition or if they are held for trading. Financial assets held for trading also include derivative financial instruments. Subsequent to initial recognition, financial assets and liabilities at fair value through profit or loss are measured at their fair value and changes therein are recognised in the income statement. Purchases and sales are recognised in the balance sheet at the time when the relevant agreement is concluded (closing date).
Subsequent to initial recognition, loans and receivables of Axpo Solutions Group are measured at amortised cost using the effective interest method, less any impairment. An impairment loss is calculated as the difference between the carrying amount and the present value of expected recoverable future cash flows discounted using the original effective interest rate.
Available-for-sale financial assets are remeasured at fair value subsequent to initial recognition, and the difference is recognised in other comprehensive income, taking into account deferred taxes. Realised gains or losses are recognised in the income statement. Impairment losses are recognised in the income statement after an analysis of the individual securities. An impairment exists in particular if the fair value of a share either remains below the purchase price for an extended period or is significantly below the purchase price. Debt instruments such as bonds are regarded as impaired if there is objective evidence such as insolvency, default of payment or other significant financial difficulties of the issuer. In contrast to debt instruments, subsequent reversals of impairment losses on equity instruments are not recognised in the income statement.

Other financial assets

All equity investments in which Axpo Solutions Group does not have significant influence or control but which are held over the long term are recorded under other investments. These investments are classified as "available-for-sale". Changes in the fair value are recognised in other comprehensive income. On disposal, the gains or losses accumulated in equity are reclassified to the income statement.
Long-term loans to third parties, as well as to associates, are measured at amortised cost using the effective interest method. If, when the loan is paid out, the agreed interest rate equals the market interest rate and both the disbursement and the repayment are made at nominal value, the amortised cost is equal to the nominal value of the loan.

Trade receivables, other receivables and financial receivables

Trade receivables as well as other receivables are recorded at amortised cost, which is generally equivalent to their nominal value, less any appropriate allowances for estimated irrecoverable amounts. In principle, bad debt allowances are recognised for specifically identified risks for individual receivables. However, in addition to specific bad debt allowances, allowances are also made on a portfolio basis for losses not yet known based on statistical calculations of default risk.

Cash and cash equivalents

Cash and cash equivalents comprise petty cash and credit balances at banks, as well as sight deposits and deposits with a term of no more than 90 days from the time of acquisition.

Financial liabilities

Financial liabilities consist of loans from third parties and associates as well as bonds. On initial recognition, they are measured at fair value less transaction costs and thereafter at amortised cost. Amortisation of the difference between the fair value of the consideration received less transaction costs and the repayment value is calculated using the effective interest method and recorded in the income statement over the duration of the finance term.
In order to achieve matching maturities between assets and liabilities, the financing of wind farms, which are built for sale in the ordinary course of business and which are presented as work in progress in inventories, is reported as current financial liabilities.

Other liabilities (non-current)

This position includes all other liabilities which will become due more than twelve months after the balance sheet date and which cannot be assigned to any other position of non-current liabilities. It also includes liabilities from assigned rights of use. Payments received from third parties in consideration for rights to use facilities and procure energy are recognised under this position and released to the income statement on a straight-line basis over the life of the respective rights of use. The respective useful life is reviewed at the end of each financial year. The individual contractual useful life applies in all cases.

Derivative financial instruments

Derivative financial instruments are accounted for as assets or liabilities and measured at fair value. Changes in fair value are recorded in the income statement unless the derivative financial instrument forms part of a hedging relationship (derivatives designated as hedging instruments). In that case, the change in fair value is recognised in accordance with the underlying hedge type.

Energy derivatives

Axpo Solutions Group trades with contracts in the form of forward transactions (forwards, futures, swaps) and options with energy as underlying (electricity, gas, oil, coal, LNG, biomass and certificates).

Net settled contracts that have a purely speculative intention are presented as current, independent of their contract term. Contracts which are entered into with the intention of physical delivery and which have a term to maturity of more than twelve months are presented as non-current.

The management of the production portfolio of Axpo is usually carried out using physical forward or future contracts. First sales of production energy with forward contracts are treated as executory contracts according to IAS 37 and respective revenues are recognised upon delivery. The future contracts that can be settled physically are designated as hedging instruments in a cash flow hedge relationship. Cash flow hedges are applied to hedge future cash flow risks from existing underlying transactions or highly probable forecast transactions. The effective portion of the change in fair value of the hedging instrument is recognised in other comprehensive income taking into account the deferred taxes. The ineffective portion of the hedging relationship is recognised in profit or loss in the line item "revenues from sales of energy". As soon as the underlying transaction is recognised in "revenues from sales of energy", the accumulated changes in fair value of the hedging instrument are transferred from equity to the same line item.

Other transactions in the management chain of the sale of own production energy are used as hedging instruments and measured at fair value through profit or loss.

If a framework agreement with a netting clause exists for a counterparty and if there is an enforceable legal right to offset and the intention to settle net, the positive and negative replacement values which fall due simultaneously are netted. However, no netting is applied between derivative financial instruments which are "held for trading" and derivative financial instruments which are designated as hedging instruments.

Foreign currency and interest rate derivatives

To hedge exchange and interest rate risks, derivative financial instruments are used when required. This is done in accordance with existing guidelines on hedging.

Financial instruments, which are entered into to hedge foreign exchange risks of the current operating activities, are classified as "held for trading". Realised and unrealised changes in fair value are recognised in other operating income.

Cash flow hedge accounting is applied to hedge future cash flow risks from interests on long-term loans. The effective portion of the change in fair value of the hedging instrument is recognised in other comprehensive income taking into account the deferred taxes. The ineffective portion of the hedging relationship is recognised in "financial income" or "financial expense". As soon as the underlying transaction is recognised in the income statement, the accumulated changes in fair value of the hedging instrument are transferred from equity to "financial income" or "financial expense".

5 Estimation uncertainties and significant judgements in the application of accounting policies

In the process of preparing the consolidated financial statements in accordance with IFRS, Axpo Solutions Group management made judgements, estimates and assumptions which have an effect on the applicable accounting policies and the amounts recognised under assets, liabilities, income and expenses as well as their presentation. The estimates and assumptions are based on existing knowledge and various other factors which are regarded as appropriate under the given circumstances. These serve as a basis for the recognition of assets and liabilities which cannot be measured directly through any other source. The actual values may deviate from these estimates.
The estimates and assumptions are regularly reviewed. Where necessary, adjustments are made to estimates if the circumstances on which they were based have changed or if new information and additional facts have become known. Such adjustments are recognised in the period in which the estimates were adjusted. The key assumptions concerning the future development and other key sources of estimation uncertainty which could result in material adjustments to the carrying amounts of assets and liabilities are described below.

Significant judgements in the application of accounting policies

Classification of partner plants
Axpo Solutions Group holds a majority share in certain partner plants. Due to the special circumstances with partner plants, it has to be assessed whether Axpo Solutions Group has control over these partner plants through its majority shares.
The definition of control in accordance with IFRS 10 requires an investor to hold rights that give it power over the relevant activities of the investee. In the case of a corporation, the voting rights constitute such rights. However, IFRS 10 also makes clear that the (voting) rights must not only exist in principle, but also represent (economically) substantive rights. This means that the holder of the rights must have the practical ability to exercise such rights. Therefore, when assessing whether Axpo Solutions has control over individual partner plants, other factors in addition to the proportion of voting rights must be considered. Axpo Solutions holds a majority interest in certain partner plants and operates these plants jointly with other commercial energy companies in the Swiss market. At the same time, these partners also hold interests in other partner plants in which Axpo Solutions does not hold a majority interest. Given these mutual dependencies/interests and the conditions governing the Swiss energy market, Axpo Solutions has concluded that the voting rights it holds in some cases do not represent substantive rights, despite a majority interest being held, and that it therefore does not have control. These partner plants are classified as associates and are accounted for using the equity method. The assessment if and in which cases the factors mentioned above prevent Axpo Solutions as a majority shareholder from exercising control is a management judgement.

Accounting for energy derivatives
For some contracts, it needs to be analysed whether they have to be treated as derivatives or as own use contracts which are accounted for as executory contracts without recognising replacement values in the financial statement. At Axpo Solutions Group, the corresponding accounting of the contracts is based on the allocation to a business model. Contracts concluded under the business model customer solution generally meet the definition of a derivative and are managed on a portfolio basis. Therefore, all contracts of this business model are measured at fair value.
The production portfolio is managed by means of forward transactions and futures contracts, which are accounted for as own-use contracts like executory contracts or are designated as hedging instruments in a cash flow hedge relationship.
The distinction between business models and the subsequent definition of accounting for contracts is a discretionary decision of the management.

Estimation uncertainties

Property, plant and equipment
Axpo Solutions Group has property, plant and equipment with a carrying amount of CHF 578.2 million (previous year: CHF 541.2 million). These are tested for impairment if there is an indication of impairment. To determine whether there is an impairment, these asset values are assessed based on the expected future cash flows from the use of these assets. The actual cash flows may differ significantly from the future cash flows based on these estimates. Significant parameters such as useful life, electricity price movements and the discount rate are by their nature subject to major uncertainties.

Transmission systems
The Swiss Electricity Supply Act (StromVG) entered into force on 1 January 2008. The law requires all transmission systems to be transferred to the national grid operator Swissgrid AG within five years. On 3 January 2013, transmission system owner EGL Grid AG was transferred to Swissgrid AG on the basis of an agreement for a contribution in kind at the provisional transfer value (2012 tariff ruling by the Federal Electricity Commission, ElCom). The previous owners of the transmission systems were compensated in the form of shares of Swissgrid AG and loans to Swissgrid AG. The final valuation of the transmission systems will be made as part of a further valuation adjustment or purchase price adjustment (valuation adjustment 2), with the participation of all former transmission system owners. This requires binding decisions for all open proceedings relevant for the valuation

(tariff proceedings for the years 2009 to 2012, proceedings concerning cover differences in 2011 and 2012 as well as the proceedings for determining the asset value for the transfer of the transmission systems to Swissgrid). Depending on the outcome of these pending proceedings, the definitive transfer values of the transmission systems may in some cases differ from the provisional transfer values.
In connection with the transfer of the transmission system and the related equipment from the previous owners to Swissgrid AG, the method for determining the relevant asset value was decreed on 20 October 2016 by ElCom. For Axpo Solutions Group, this led to a positive impact on the result in the amount of CHF 31.8 million for the reporting period 2016/17. The cash was transferred at the beginning of 2017. In addition, the final application of the valuation method for determining the relevant value according to the ElCom decision of 20 October 2016 will probably lead to a further positive effect on the result.
On 10 April 2018, ElCom decreed concerning cover differences in 2009 and 2010 as well as the tariffs 2011 and 2012 regarding EGL Grid AG. As a result, Swissgrid AG subsequently reimbursed network grid usage fees in the amount of CHF 5.4 million to Axpo Solutions AG in the reporting period.

Goodwill

As at 30 September 2018, the net carrying value of goodwill from business combinations was CHF 77.1 million (previous year: CHF 78.0 million). Goodwill is tested for impairment in the fourth quarter of each year, or earlier if there are indications of impairment. The value of the goodwill is largely determined by expected future cash flows, the discount rate and long-term growth rates. The key assumptions are explained in Note 11 "Impairment losses, impairment reversals, depreciation, amortisation and provisions for onerous contracts". A change in the assumptions in future periods can result in an impairment loss.

Employee benefits

Employees in Switzerland are insured with PKE-CPE Vorsorgestiftung Energie, a pension fund which meets the criteria of a defined benefit plan under IAS 19. The reported asset or liability for this pension plan is calculated on the basis of an actuarial calculation by an actuary. In particular, the present value of the defined benefit obligation is dependent on assumptions such as the discount rate, future wage and salary increases, and the expected increase in pension benefits. In addition, independent actuaries base their assumptions on statistical data, such as the probability of employees leaving the company and the life expectancy of insured members. The assumptions may deviate substantially from actual results due to changes in market conditions and the economic environment, higher or lower exit rates, longer or shorter lives of insured members and other estimated factors. These deviations may have an impact on pension assets and liabilities reported in future reporting periods. The key assumptions are explained in Note 29, "Employee benefits".

Fair values of financial instruments

Financial assets and liabilities as well as derivatives are recognised in the balance sheet at their fair value. The fair value is the price that would be received for selling an asset or paid for transferring a liability in an orderly transaction between market participants at the measurement date. As at 30 September 2018, Axpo Solutions Group had derivative financial instruments with positive and negative replacement values totalling CHF 4,265.5 million (previous year: CHF 2,363.5 million) and CHF 4,781.7 million (previous year: CHF 2,757.1 million), respectively. Wherever possible, the fair value applied to financial instruments is based on rates and prices quoted on active markets. The fair value of financial instruments for which no active market or official quoted prices exist is determined using accepted valuation models, applying observable market data, if available, as input factors. If no observable market data are available, the input factors are estimated based on reasonable assumptions.
Models always provide an estimation or approximation of a value which cannot be determined with certainty. The fair value obtained using this method reflects the assumptions of management and may vary depending on the choice of input factors and model. The actually realisable cash flows may therefore deviate from the model values which are based on estimates and assumptions (see Note 6 "Financial risk management").

6 Financial risk management

General principles

Axpo Solutions Group is exposed to various financial risks in the course of its business activities: market risks (including exchange rate, interest and energy price risks), credit risks and liquidity risks. Financial risk management complies with the principles and directives drawn up by the Board of Directors and Executive Management governing the management of market, credit and liquidity risks. The responsible units within Risk Management & Valuation monitor the risks of the front division of the business area Trading & Sales, which is managed by Axpo Solutions Group. The Axpo Solutions Risk Management Directive approved by Axpo Group Management describes the aims and principles of risk management for Axpo Solutions Group. It also includes information on the organisation (governing bodies, tasks, responsibilities and authorities), risk measurement and management, and implementation of limit systems. Executive Management is responsible for drawing up the concrete details and for implementation. The Risk Management & Valuation department is responsible for measuring and monitoring market price risks, as well as credit risks, and for the provision of timely and relevant risk reports to the relevant units.
Risks of the assets of Axpo Solutions Group are monitored by Axpo's Group-wide risk management. Risk in the Axpo Group is managed in accordance with the Axpo Group Risk Management Manual.
The Treasury department of Axpo Group is responsible for monitoring and managing financial market risks, such as interest risks, exchange rate risks and liquidity risks.

Business model

The current customer solution business model for tailor-made contracts is based on a portfolio approach. All contracts of the customer solution portfolio are measured at fair value, as these contracts, portfolios and inventories are principally acquired with the purpose of selling in the near future and generating a profit from fluctuations in price or broker-traders' margin. Further risks in this business are managed on a portfolio basis.
The business model for the management and sale of the company's own energy production reports the first sale of self-produced energy to the OTC market as sale to customers. All subsequent contracts in the management chain concluded for the management of own energy production are considered as hedging instruments and are measured at fair value through profit or loss.

Capital management

CHF million	30.9.2018	30.9.2017
Financial liabilities current	656.1	329.5
Financial liabilities non-current	662.2	624.8
Total eligible debt	**1 318.3**	**954.3**
Cash and cash equivalents	411.1	238.8
Other financial assets non-current	336.2	400.8
Financial receivables current	1 405.5	1 069.6
Total liquidity	**2 152.8**	**1 709.2**
Net asset	**834.5**	**754.9**

Gearing is the controlling instrument which is actively monitored by the Board of Directors. The maximum acceptable level of gearing is approximately 70%. As at 30 September 2018, gearing was –49.6% (previous year: –42.2%). As the calculation of the net debt ratio resulted in a net asset of CHF 834.5 million (previous year: net asset of CHF 754.9 million), the key figure is negative.
Axpo Solutions Group also obtains financing through interest-bearing financial liabilities, ensuring that the amount of financing does not have an unreasonable impact on profitability. An optimal capital structure keeps interest costs at a reasonably low level.
In addition, one Axpo Solutions Group subsidiary is subject to regulatory equity requirements and supervision of a local supervisory authority. The regulatory equity requirements were complied with at all times in both the 2016/17 and 2017/18 financial years.

Market price risks

Market price risks arise from price and exchange rate movements in respect of unhedged positions held in energy and financial transactions.
To hedge part of the expected future energy procurement and energy sales and to hedge currency and interest rate fluctuations, Axpo Solutions Group enters into derivative financial instruments when necessary.

Energy price risks

Axpo Solutions Group defines energy price risks as the impact from unexpected changes in energy prices. Price fluctuations and correlations between the various markets and products may affect Axpo Solutions Group negatively. These risks are therefore monitored and reported on a daily basis by Risk Management & Valuation of the business area Trading & Sales. Monitoring follows the principles set out in the Risk Management Directive as well as the trading mandates based thereon.
The market price risk is limited using a transparent limit system consisting of a VaR and volume limits. The total risk limits for market and credit risks are approved annually by the Board of Directors at the request of the Executive Management, and subsequently broken down by individual divisions, departments and books.
Some of the energy derivatives concluded by Axpo Solutions Group are designated as hedging instruments in cash flow hedges for the purpose of hedging procurement contracts. As at 30 September 2018, these derivatives had a contract volume of CHF 857.1 million (previous year: CHF 1,098.9 million) and were 100% effective during the reporting period.

The following table shows the expected amounts of reclassifications to profit or loss relating to cash flow hedges from energy hedging transactions:

CHF million	Effect on profit or loss 30.9.2018	Contract volume 30.9.2018	Effect on profit or loss 30.9.2017	Contract volume 30.9.2017
2017/18	–	–	–109.9	717.2
2018/19	–368.9	384.6	–96.0	317.7
2019/20	–118.3	200.4	–26.9	60.5
2020/21	–53.1	211.8	–0.7	3.5
2021/22	–13.5	59.2	0.0	0.0
2022/23	–0.1	1.1	0.0	0.0
Total	**–553.9**	**857.1**	**–233.5**	**1 098.9**

Sensitivity analysis of energy price risks

Energy price risks are quantified using the Value-at-Risk (VaR) method, assuming a holding period of five days and a confidence interval of 99%. The VaR method defines a potential loss which, with 99% probability, will not be exceeded, taking into account historic market developments.

CHF million	30.9.2018	30.9.2017
VaR business area Trading & Sales	38.7	32.1

Changing energy prices lead to higher positive and negative replacement values and higher or lower inventories held for trading as well as an increase in the related given and received credit support annexes. This development combined with enhanced market volatility and an increase in contract volumes is also reflected in the higher Value-at-Risk.

Currency risks

Due to the international nature of its operations and the involvement of various foreign currencies, Axpo Solutions Group is exposed to exchange rate risks, particularly with regard to the euro. Currency risks arise from business transactions and from recognised assets and liabilities if these are not denominated in the functional currency of the respective subsidiary and from net investments in foreign operations.
To reduce the currency risk related to business transactions as well as the recognised assets and liabilities, Group entities mainly use forward contracts in compliance with the Group’s principles governing currency risks. The currency risk arising from trading, origination and sales activities is managed by front office staff. Axpo Group Treasury, in close coordination with Axpo Solutions Group’s operating entities, is responsible for managing the amount of the remaining net positions in all main currencies through appropriate hedging transactions (mainly transaction risk).

Sensitivity analysis of the currency risks

A reasonably possible change in exchange rates would have had the following impact on the income statement and on equity, assuming that the other parameters remained the same:

CHF million		30.9.2018		30.9.2017	
	+/– change	+/– effect on income statement	+/– effect on equity	+/– effect on income statement	+/– effect on equity
CHF/USD foreign currency risk	10%	–4.4	0.0	–3.6	0.0
CHF/EUR foreign currency risk	10%	–43.6	–24.3	–21.9	–15.1
CHF/PLN foreign currency risk	10%	–3.2	0.0	–0.3	0.0
NOK/EUR foreign currency risk	10%	–2.8	0.0	–0.8	0.0
NOK/SEK foreign currency risk	10%	2.8	0.0	–0.3	0.0
SEK/EUR foreign currency risk	10%	1.7	0.0	0.2	0.0

Interest rate risks

Financial assets and liabilities subject to variable interest rates, as well as cash and cash equivalents, expose the Group to a cash flow interest rate risk. Financial liabilities issued with mainly fixed interest rates do not expose the Group to any interest rate risk.

It is Axpo Group's policy to manage interest rate expenses by means of variable and fixed-rate interest-bearing liabilities and interest-based derivatives in the form of interest rate swaps. Axpo Group Treasury monitors the ratio between variable and fixed-rate interest-bearing net debt on an ongoing basis.

Interest-bearing financial assets and liabilities

The interest-bearing financial assets and liabilities held by Axpo Solutions Group relate to petty cash and cash at banks, given loans as well as bank liabilities, received loans and issued bonds.

CHF million	Fixed rate 30.9.2018	Variable rate 30.9.2018	Fixed rate 30.9.2017	Variable rate 30.9.2017
Loans and receivables	**300.5**	**1 962.8**	**315.1**	**1 450.8**
Petty cash and cash at banks	0.0	411.1	0.0	238.8
Other financial assets (non-current)	224.0	224.1	260.5	198.4
Financial receivables (current)	76.5	1 327.6	54.6	1 013.6
Available-for-sale financial assets	**1.4**	**0.0**	**1.4**	**0.0**
Financial liabilities measured at fair value	**0.0**	**0.6**	**0.0**	**1.2**
Financial liabilities measured at amortised cost	**1 083.6**	**234.7**	**719.4**	**234.9**
Financial liabilities (current and non-current)	1 083.6	234.7	719.4	234.9
Net exposure	**–781.7**	**1 727.5**	**–402.9**	**1 214.7**

Variable interest-bearing financial liabilities relating to the construction of wind farms in Germany and France expose Axpo Solutions Group to an interest rate risk. This risk is reduced through adequate use of derivative financial instruments in the form of interest rate swaps. These interest rate swaps were designated as hedging instruments in cash flow hedges and were 100% effective during the reporting period.

Sensitivity analysis of interest rate risk

A reasonably possible change in interest rates would have had the following impact on the income statement and on equity, assuming that the other parameters remained the same:

CHF million		30.9.2018		30.9.2017	
	+/– change	+/– effect on income statement	+/– effect on equity	+/– effect on income statement	+/– effect on equity
Interest rate risk	1%	11.6	0.0	6.5	0.0

Credit risks

The need for credit risk management arises from the fundamental risk of trading partners or origination customers of Axpo Solutions Group not being able to meet all or part of their obligations, which could result in a financial loss. To avoid this risk, receivables and replacement values from trading partners or origination customers are monitored and future developments analysed. In addition, creditworthiness is analysed on an ongoing basis. Business units and subsidiaries are involved in credit risk management.

Credit risks are managed by establishing internal credit limits. The credit limits are based on the rating of the trading partners or origination customers and define the limit for the exposure to each of them. These limits are established by the independent Credit Risk Department as the maximum total exposure and are applicable throughout Axpo Solutions Group. The rating of trading partners or origination customers is based on their creditworthiness, which defines the probability of default. The internal score resulting from the rating process is converted into external credit rating classes. At the balance sheet date, 0.1% of the total exposure was classified as AAA (previous year: 2.1%), 4.7% as AA (previous year: 4.3%), 17.0% as A (previous year: 15.7%) and 32.3% as BBB (previous year: 37.7%). Transactions may only be entered into with business partners that have been subject to prior analysis. The credit exposures are actively mitigated through the use of guarantees, collateral, insurance and advance payments received. Receivables from counterparties are monitored through regular reporting on a daily basis. In addition, a formalised process is applied to introduce countermeasures in due time in the event that negative trends are identified. Due to the fact that risk is distributed among various counterparties, customers and countries in Europe, the credit risk is spread accordingly.

Carrying amount of financial assets

The following table shows the carrying amount of the financial assets held by Axpo Solutions Group, grouped according to the categories defined in IAS 39:

CHF million	Notes	Carrying amount 30.9.2018	Carrying amount 30.9.2017
Loans and receivables		**4 478.0**	**3 613.3**
Other financial assets (non-current)	18	336.2	400.7
Other receivables (current and non-current)	22	646.1	365.0
Trade receivables	20	610.4	691.3
Financial receivables (current)	21	1 404.1	1 068.2
Revenues not yet invoiced	22	1 070.1	849.3
Cash and cash equivalents	23	411.1	238.8
Available-for-sale financial assets		**1.4**	**1.5**
Other financial assets (current and non-current)	21	1.4	1.5
Financial assets at fair value through profit or loss (held for trading)		**4 218.6**	**2 323.1**
Energy derivatives		4 083.5	2 140.0
Currency forward contracts		135.1	183.1
Derivatives designated as hedges		**46.9**	**40.4**
Energy derivatives		46.9	40.4
Total financial assets		**8 744.9**	**5 978.3**
./. Total available-for-sale shares and participation certificates		–1.4	–1.5
Maximum credit default risk		**8 743.5**	**5 976.8**

Credit risk concentration of trade receivables/revenue not yet invoiced by geographical area

CHF million	Carrying amount 30.9.2018	Carrying amount 30.9.2017
Western Europe	511.5	403.4
Southern Europe	730.5	690.9
Central Europe	325.0	320.9
Others	104.9	84.9
Outside Europe	8.6	40.5
Total	**1 680.5**	**1 540.6**

Ageing analysis of trade receivables and their bad debt allowances

The following disclosures relate to trade receivables:

CHF million	Gross 30.9.2018	Bad debt allowances 30.9.2018	Gross 30.9.2017	Bad debt allowances 30.9.2017
Not yet due	370.8	–0.3	489.8	–0.2
Past due 1–60 days	215.4	–1.3	123.3	–3.5
Past due 61–150 days	9.7	–2.6	4.9	–2.4
Past due 151–360 days	16.7	–8.6	70.0	–9.8
Past due more than 360 days	97.1	–86.5	95.8	–76.6
Total	**709.7**	**–99.3**	**783.8**	**–92.5**

Bad debt allowances created, released or no longer required for trade receivables in the 2016/17 and 2017/18 reporting years:

	Trade receivables	
CHF million	General allowances	Specific allowances
Bad debt allowances as at 30.9.2016	**–10.5**	**–73.1**
Net increase	–1.0	–10.0
Non-collectible receivables written off	1.4	4.7
Currency effects	–0.4	–3.6
Bad debt allowances as at 30.9.2017	**–10.5**	**–82.0**
Net increase	–2.3	–14.6
Non-collectible receivables written off	4.2	4.2
Currency effects	0.1	1.6
Bad debt allowances as at 30.9.2018	**–8.5**	**–90.8**

The bad debt allowances consist of individual allowances and allowances on a portfolio basis. All bad debt allowances relate to smaller receivables with various counterparties that were impaired. Due to the financial difficulties of these counterparties, the management of Axpo Solutions Group no longer expects these receivables to be fully collectible. Based on experience, Axpo Solutions Group does not expect any significant impairment losses on trade receivables not yet due.
For bad debt allowances and bad debt reversals on other financial assets, please refer to Note 18 "Other financial assets".

Cash and cash equivalents and financial receivables

Cash and cash equivalents and time deposits are preferably held with banks which have been rated at least BBB by an internationally recognised rating agency. Cash deposits are held in a limited amount, with sliding maturities and are distributed among different banks. The limits on these deposits are reviewed on a regular basis. No writedowns have been necessary to date.

Collateral

A significant portion of the energy transactions in Axpo Solutions Group are concluded on the basis of framework agreements such as the EFET (European Federation of Energy Traders) General Agreement on Power or Gas, the ISDA (International Swaps and Derivatives Association) or the DRV (German Master Agreement for Financial Forward Transactions). In the event of the insolvency of a business partner, they provide for an offsetting of open transactions (see table "Netting of positive and negative derivative financial instruments", column "Additional netting potential").
In addition, the credit risk is reduced by the collateral received. In the case of major credit risks, credit support annexes (CSAs) are attached to the framework agreements in which regular reciprocal margin payments are agreed as additional collateral, mostly in the form of cash. Since such collateral is not only received for transactions allocated to a trading book but also for off-balance-sheet items that are assigned to an own use book, the collateral cannot be meaningfully allocated to individual balance sheet items. For further contingent liabilities and legal disputes as well as pledged assets, please refer to Note 32 "Other contingent liabilities, contingent assets and legal disputes" and Note 31 "Pledged assets", respectively.

Financial securities received and delivered as at 30 September 2018

CHF million	Financial securities received	Financial securities delivered
Credit Support Annex (CSA)	497.9	232.4
Bank guarantee	357.4	0.0
Others	1 209.1	284.7
Total	**2 064.4**	**517.1**

Financial securities received and delivered as at 30 September 2017

CHF million	Financial securities received	Financial securities delivered
Credit Support Annex (CSA)	225.6	214.0
Bank guarantee	203.8	0.0
Others	837.8	38.6
Total	**1 267.2**	**252.6**

Guarantees and parent company guarantees granted within Axpo Solutions Group are only presented in the separate financial statements of the company that granted them.
In some countries Axpo has joint liabilities in the case of default of another exchange participant, no matter if this participant is a counterparty of Axpo or not. For known cases a liability was recognised.

Netting of positive and negative derivative financial instruments as at 30 September 2018

	Assets subject to legally enforceable netting agreements					Additional netting potential	
CHF million	Gross assets before balance sheet netting	Netting	Net assets after balance sheet netting	Assets not subject to master netting agreements or to legally enforceable master netting agreements	Total assets recognised on the balance sheet	Netting potential not reported on the balance sheet	Assets after recognition of the netting potential
Financial assets at fair value							
Financial assets at fair value through profit or loss (held for trading)							
Energy derivatives	7 920.7	–5 675.4	2 245.3	1 838.2	4 083.5	–831.8	3 251.7
Currency forward contracts	0.0	0.0	0.0	135.1	135.1	0.0	135.1
Derivatives designated as hedges							
Energy derivatives	113.7	–68.6	45.1	1.8	46.9	–1.7	45.2
Total	**8 034.4**	**–5 744.0**	**2 290.4**	**1 975.1**	**4 265.5**	**–833.5**	**3 432.0**

	Liabilities subject to legally enforceable netting agreements					Additional netting potential	
CHF million	Gross liabilities before balance sheet netting	Netting	Net liabilities after balance sheet netting	Liabilities not subject to master netting agreements or to legally enforceable master netting agreements	Total liabilities recognised on the balance sheet	Netting potential not reported on the balance sheet	Liabilities after recognition of the netting potential
Financial liabilities at fair value							
Financial liabilities at fair value through profit or loss (held for trading)							
Energy derivatives	7 773.0	–5 675.4	2 097.6	2 232.2	4 329.8	–831.8	3 498.0
Currency forward contracts	0.0	0.0	0.0	161.0	161.0	0.0	161.0
Other derivative financial instruments	0.0	0.0	0.0	0.2	0.2	0.0	0.2
Derivatives designated as hedges							
Energy derivatives	339.6	–68.6	271.0	19.1	290.1	–1.7	288.4
Other derivative financial instruments	0.0	0.0	0.0	0.6	0.6	0.0	0.6
Total	**8 112.6**	**–5 744.0**	**2 368.6**	**2 413.1**	**4 781.7**	**–833.5**	**3 948.2**

Netting of positive and negative derivative financial instruments as at 30 September 2017

CHF million	Assets subject to legally enforceable netting agreements: Gross assets before balance sheet netting	Netting	Net assets after balance sheet netting	Assets not subject to master netting agreements or to legally enforceable master netting agreements	Total assets recognised on the balance sheet	Additional netting potential: Netting potential not reported on the balance sheet	Assets after recognition of the netting potential
Financial assets at fair value							
Financial assets at fair value through profit or loss (held for trading)							
Energy derivatives	2 993.4	–1 904.6	1 088.8	1 051.2	2 140.0	–490.3	1 649.7
Currency forward contracts	0.0	0.0	0.0	183.1	183.1	0.0	183.1
Derivatives designated as hedges							
Energy derivatives	88.6	–51.3	37.3	3.1	40.4	–18.5	21.9
Total	**3 082.0**	**–1 955.9**	**1 126.1**	**1 237.4**	**2 363.5**	**–508.8**	**1 854.7**

CHF million	Liabilities subject to legally enforceable netting agreements: Gross liabilities before balance sheet netting	Netting	Net liabilities after balance sheet netting	Liabilities not subject to master netting agreements or to legally enforceable master netting agreements	Total liabilities recognised on the balance sheet	Additional netting potential: Netting potential not reported on the balance sheet	Liabilities after recognition of the netting potential
Financial liabilities at fair value							
Financial liabilities at fair value through profit or loss (held for trading)							
Energy derivatives	2 928.8	–1 904.6	1 024.2	1 161.6	2 185.8	–490.3	1 695.5
Currency forward contracts	0.0	0.0	0.0	377.9	377.9	0.0	377.9
Other derivative financial instruments	0.0	0.0	0.0	0.4	0.4	0.0	0.4
Derivatives designated as hedges							
Energy derivatives	232.0	–51.3	180.7	11.1	191.8	–18.5	173.3
Other derivative financial instruments	0.0	0.0	0.0	1.2	1.2	0.0	1.2
Total	**3 160.8**	**–1 955.9**	**1 204.9**	**1 552.2**	**2 757.1**	**–508.8**	**2 248.3**

If a framework agreement with a netting clause exists for a counterparty and if there is an enforceable legal right to offset and the intention to settle net, the positive and negative replacement values which fall due simultaneously (in the same calendar month) are netted. No netting is applied between derivative financial instruments which are "held for trading" and derivative financial instruments which are designated as hedging instruments. However, in case of a default, also values which do not fall simultaneously would be nettable, as well as offsetting replacement values "held for trading" and hedging instruments (see table "Netting of positive and negative derivative financial instruments", column "Additional netting potential").
Additionally, trade receivables from customers who are simultaneously suppliers are offset against trade payables, provided a netting arrangement has been agreed and there exists an enforceable legal right to offset and the intention to settle net or to settle simultaneously. The offset receivables and payables included in revenues not yet invoiced and in operating expenses not yet invoiced amount to CHF 1,691.4 million (previous year: CHF 1,548.5 million; see Note 22 "Other receivables" and Note 28 "Other liabilities").

Liquidity risks

A large portion of receivables in European energy trading are offset (so-called netting) and settled at fixed dates. Advance margin payments are standard practice among large energy traders and at energy exchanges to reduce the counterparty risk. This may result in large cash outflows arising at short notice due to energy price movements. Axpo Solutions Group meets this potential need with cash and cash equivalents as well as through agreed credit lines. Axpo Group Treasury is responsible for ensuring Axpo Solutions Group's financing flexibility. This task includes the planning, monitoring, provision and optimisation of liquidity for the entire Group. Liquidity is ensured through cash flows from operating activities, credit lines, project financing and through the capital market.
Axpo Solutions Group has aggregated uncommitted credit lines totalling CHF 2,250.2 million (previous year: CHF 1,847.4 million) available from banks and financial institutions. Of this amount, as at 30 September 2018, CHF 1,325.7 million was used for loans and guarantees (previous year: CHF 1,164.5 million). There is also a credit line of CHF 1,881.6 million (previous year: CHF 1,895.7 million) from Axpo Holding AG, of which CHF 449.6 million was used (previous year: CHF 133.1 million) for loans and CHF 45.3 million for guarantees (previous year: CHF 0.0 million), as at the balance sheet date. In the reporting period, all covenants relating to significant credit agreements were complied with.

Maturity analysis of financial liabilities and derivative financial instruments as at 30 September 2018

CHF million	Carrying amount	Cash flows	At sight	< 3 mths	3–12 mths	1–5 years	> 5 years
Non-derivative financial liabilities measured at amortised cost							
Trade payables[1]	553.7	553.7	0.0	553.3	1.2	−0.8	0.0
Financial liabilities (current and non-current)	1 318.3	1 334.3	0.0	629.9	28.9	439.7	235.8
Other liabilities (current and non-current)[2]	674.0	674.0	498.1	87.2	52.3	34.3	2.1
Operating expenses not yet invoiced	1 138.6	1 138.6	0.0	1 138.6	0.0	0.0	0.0
Total cash outflow		**3 700.6**	**498.1**	**2 409.0**	**82.4**	**473.2**	**237.9**
Derivative financial instruments							
Net carrying amount of energy derivatives	−489.5						
Gross cash inflow		27 324.3	10 294.0	3 438.5	5 764.0	7 209.0	618.8
Gross cash outflow		26 336.4	10 310.0	3 460.6	5 309.0	6 437.4	819.4
Net carrying amount of currency forward contracts	−25.9						
Gross cash inflow		8 407.3	12.1	1 051.5	3 047.6	4 296.1	0.0
Gross cash outflow		8 447.8	11.7	1 059.7	3 063.8	4 312.6	0.0
Net carrying amount of other derivative financial instruments	−0.8						
Gross cash inflow		13.4	0.0	0.0	0.0	13.4	0.0
Gross cash outflow		14.1	0.0	0.0	0.0	14.1	0.0
Total net cash inflow (–)/outflow (+)		**−946.7**	**15.6**	**30.3**	**−438.8**	**−754.4**	**200.6**

1 Negative amounts of trade payables result from received credit notes for which the time bucket does not correspond to the time bucket of the related trade payable.
2 Amounts at sight are mainly received credit support annexes. The cash in- and outflows are not predictable and depend on market movements.

Maturity analysis of financial liabilities and derivative financial instruments as at 30 September 2017

CHF million	Carrying amount	Cash flows	At sight	< 3 mths	3–12 mths	1–5 years	> 5 years
Non-derivative financial liabilities measured at amortised cost							
Trade payables[1]	580.5	580.5	0.0	606.0	−22.9	−2.9	0.3
Financial liabilities (current and non-current)	954.3	981.6	20.8	289.9	24.3	392.1	254.5
Other liabilities (current and non-current)	355.8	355.8	0.1	270.6	36.0	46.7	2.4
Operating expenses not yet invoiced	876.1	876.1	0.0	874.0	2.1	0.0	0.0
Total cash outflow		**2 794.0**	**20.9**	**2 040.5**	**39.5**	**435.9**	**257.2**
Derivative financial instruments							
Net carrying amount of energy derivatives	−197.2						
Gross cash inflow		21 540.9	9 379.3	2 430.5	4 698.4	4 432.8	599.9
Gross cash outflow		18 957.0	9 397.2	2 157.3	3 636.1	3 276.5	489.9
Net carrying amount of currency forward contracts	−194.8						
Gross cash inflow		7 011.4	0.8	1 032.1	2 473.2	3 505.3	0.0
Gross cash outflow		7 211.3	14.7	1 051.3	2 579.9	3 565.4	0.0
Net carrying amount of other derivative financial instruments	−1.6						
Gross cash inflow		17.7	0.0	0.0	0.0	17.7	0.0
Gross cash outflow		19.2	0.0	0.0	0.0	19.2	0.0
Total net cash inflow (–)/outflow (+)		**−2 382.5**	**31.8**	**−254.0**	**−955.6**	**−1 094.7**	**−110.0**

1 Negative amounts of trade payables result from received credit notes for which the time bucket does not correspond to the time bucket of the related trade payable.

Cash flows are not discounted for the maturity analysis. In accordance with the applicable standard, the liquidity risk relates exclusively to financial liabilities. In order to show the effective liquidity risk arising from derivative financial instruments, the cash inflow/outflow in the above table relates to contracts with positive and negative replacement values.
However, Axpo Solutions Group enters into energy sales and purchase contracts, which are assigned to hedge or trading books in order to hedge energy production and long-term energy sales and purchase contracts assigned to own use books. As contracts assigned to own use books are executory contracts, no cash flow is presented in the table above for these contracts, thus generating significant mismatches in the presentation of cash inflow and outflow. Moreover, in some cases, Axpo Solutions Group enters into stack and roll hedges to hedge long-term contracts. These hedges are assigned to trading books. Cash flows from these hedges are not presented in the same time period as cash flows from long-term contracts.

Net result from financial assets and liabilities

CHF million	Income statement 2017/18	Other comprehensive income 2017/18	Income statement 2016/17	Other comprehensive income 2016/17
Net profit/losses included in revenues from sales of energy				
On financial assets and liabilities at fair value through profit or loss (held for trading)	270.1	0.0	183.8	0.0
On derivatives designated as hedges	–124.1	–445.0	65.3	–323.1
Net profit/losses included in other operating income				
On financial assets and liabilities at fair value through profit or loss (held for trading)	28.9	0.0	–172.0	0.0
Net profit/losses included in the financial result				
On financial assets and liabilities at fair value through profit or loss (held for trading)	0.2	0.0	–10.1	0.0
On derivatives designated as hedges	0.0	4.3	–10.2	17.8
On loans and receivables	–13.2	0.0	–15.8	0.0
On available-for-sale financial assets	0.2	0.0	0.1	0.0
Interest income and expense				
Interest income from financial assets not accounted for at fair value through profit or loss	22.4	0.0	22.4	0.0
Interest expense from financial liabilities not accounted for at fair value through profit or loss	–32.9	0.0	–34.4	0.0
Currency effects on financial assets and liabilities				
Currency effects on financial assets and liabilities	–18.2	0.0	24.4	0.0

Three-level hierarchy

The fair value of derivative financial instruments is dependent on the development of the underlying market factors. For the measurement of derivatives, prices from active markets, such as exchange prices, are used where possible. The relevant fair values are calculated and monitored at regular intervals. If there are no such prices available, fair value is determined using measurement methods accepted and customary in the markets. If available, observable market data are used as input factors. If no observable market data are available, company-specific valuation assumptions are applied. The fair value calculated for all derivative financial instruments is the price at which one party would take over the rights and/or obligations of another party.

Forward contracts and derivatives are measured based on the following general principles:

- Electricity, gas, oil, coal, certificates and currency forward contracts are measured at the balance sheet date based on forward prices. The prices used are prices noted at the respective exchanges or provided by various brokers. If no published prices are available, internal measurement models are used. In these cases fundamental prices based on internal demand-supply forecasts are applied. In order to account for the risks embedded in any transaction, risk adjustments are used, such as adjustments for credit risk (CVA and DVA), liquidity risk, cannibalisation effects of intermittent energy and others.
- Futures are not measured, since due to the exchange listing, they are offset daily via a margin account.

The following overview describes the key parameters used for the measurement of assets and liabilities at fair value. The individual levels are defined in accordance with IFRS 13 as follows:

Level 1

Financial assets/liabilities measured using quoted and market prices in active markets (without adjustments or change in composition).

Level 2

Financial assets/liabilities measured using observable market data that flow either directly or indirectly (i.e. derived from prices) into the valuation models.

Level 3

Financial assets/liabilities whose value is determined using valuation methods where significant input parameters are based on non-observable data, such as analyses of fundamental prices based on demand-supply forecasts. Generally, an increase in prices of these non-observable input data would increase (in case of a long buy) or decrease (in case of a short sell) the fair value of the level 3 financial instruments.

Three-level hierarchy as at 30 September 2018

CHF million	Level 1	Level 2	Level 3	Fair value[1]
Assets measured at fair value				
Financial assets at fair value through profit or loss (held for trading)				
Energy derivatives	16.4	9 115.7	308.9	9 441.0
Currency forward contracts	0.0	135.1	0.0	135.1
Derivatives designated as hedges				
Energy derivatives	0.0	115.5	0.0	115.5
Available-for-sale financial assets	0.0	1.4	0.0	1.4
Assets held for sale	0.0	1.2	0.0	1.2
Inventories	253.6	357.5	0.0	611.1
Total assets measured at fair value	**270.0**	**9 726.4**	**308.9**	**10 305.3**
Assets not measured at fair value				
Other financial assets (non-current)	0.0	323.9	0.0	323.9
Liabilities measured at fair value				
Financial liabilities at fair value through profit or loss (held for trading)				
Energy derivatives	75.2	9 289.9	322.2	9 687.3
Currency forward contracts	0.0	161.0	0.0	161.0
Other derivative financial instruments	0.0	0.2	0.0	0.2
Derivatives designated as hedges				
Energy derivatives	0.0	358.7	0.0	358.7
Other derivative financial instruments	0.0	0.6	0.0	0.6
Total liabilities measured at fair value	**75.2**	**9 810.4**	**322.2**	**10 207.8**
Liabilities not measured at fair value				
Financial liabilities (non-current)	0.0	652.4	0.0	652.4

1 Gross values without considering the netting agreements.

Three-level hierarchy as at 30 September 2017

CHF million	Level 1	Level 2	Level 3	Fair value[1]
Assets measured at fair value				
Financial assets at fair value through profit or loss (held for trading)				
Energy derivatives	41.8	3 484.1	187.2	3 713.1
Currency forward contracts	0.0	183.1	0.0	183.1
Derivatives designated as hedges				
Energy derivatives	0.0	91.7	0.0	91.7
Available-for-sale financial assets	0.0	1.4	0.1	1.5
Inventories	22.6	399.2	0.0	421.8
Total assets measured at fair value	**64.4**	**4 159.5**	**187.3**	**4 411.2**
Assets not measured at fair value				
Other financial assets (non-current)	0.0	395.6	0.0	395.6
Liabilities measured at fair value				
Financial liabilities at fair value through profit or loss (held for trading)				
Energy derivatives	25.7	3 479.8	253.4	3 758.9
Currency forward contracts	0.0	377.9	0.0	377.9
Other derivative financial instruments	0.0	0.4	0.0	0.4
Derivatives designated as hedges				
Energy derivatives	0.0	243.1	0.0	243.1
Other derivative financial instruments	0.0	1.2	0.0	1.2
Total liabilities measured at fair value	**25.7**	**4 102.4**	**253.4**	**4 381.5**
Liabilities not measured at fair value				
Financial liabilities (non-current)	0.0	615.2	0.0	615.2

1 Gross values without considering the netting agreements.

The fair values of "Other financial assets (non-current)" and "Financial liabilities (non-current)" are equivalent to the net present value of the payments associated with these assets and liabilities, calculated using the interest rates which apply to the loans, or the current bond price of bonds issued without including the interest accrued.

Movements in level 3 instruments

CHF million	Assets	Liabilities	Total
Balance as at 30.9.2016	**158.4**	**–211.5**	**–53.1**
Currency translation effect on opening balance	0.9	–1.0	–0.1
Additions due to change of business model	3.8	0.0	3.8
Purchases	18.1	0.0	18.1
Profit or loss recognised in the income statement	22.0	–57.9	–35.9
Transfer out of level 3	–17.2	17.5	0.3
Currency translation effect on movements	1.3	–0.5	0.8
Balance as at 30.9.2017	**187.3**	**–253.4**	**–66.1**
Currency translation effect on opening balance	–1.3	2.4	1.1
Purchases	12.5	–4.2	8.3
Profit or loss recognised in the income statement	163.9	–172.9	–9.0
Transfer to level 3	0.7	–3.3	–2.6
Transfer out of level 3	–52.5	110.3	57.8
Currency translation effect on movements	–1.7	–1.1	–2.8
Balance as at 30.9.2018	**308.9**	**–322.2**	**–13.3**

The table shows the financial instruments whose fair value is measured using valuation models in which significant parameters are based on non-observable market data. On initial recognition, financial instruments of this type are accounted for at fair value using the valuation model on day one, although this value may deviate from the transaction price. Any material deviation from the transaction price is accrued as a day-one profit or loss. The transfer from level 3 to level 2 relates to financial instruments whose measurement is now based on observable market data, and the transfer from level 2 to level 3 relates to financial instruments whose measurement is no longer based on observable market data. There were no transfers between level 1 and 2 in the current financial year or the previous year.
A change in energy prices of +/– 10% would lead to a decrease or increase in the fair value of level 3 energy derivates of CHF –2.9 million (previous year: CHF –9.5 million) or CHF 2.2 million (previous year: CHF 7.8 million), respectively. In order to hedge long-term contracts assigned to level 3, Axpo Solutions Group enters into hedges possibly classified as level 2. Thus, the sensitivity analysis of level 3 instruments does not include the offsetting effect from the hedging position.

Movements in day-one profits or losses

CHF million	Day-one loss	Day-one profit	Total
Balance as at 30.9.2016	**0.7**	**–85.9**	**–85.2**
Deferred profit/loss arising from new transactions	0.0	–18.1	–18.1
Profit or loss recognised in the income statement	–0.4	16.3	15.9
Currency translation effect	0.0	–0.8	–0.8
Balance as at 30.9.2017	**0.3**	**–88.5**	**–88.2**
Deferred profit/loss arising from new transactions	4.2	–12.5	–8.3
Profit or loss recognised in the income statement	–0.2	20.0	19.8
Currency translation effect	0.0	0.8	0.8
Balance as at 30.9.2018	**4.3**	**–80.2**	**–75.9**

The table shows the accrued day-one profits or losses not yet recognised in the income statement and a reconciliation of changes. The accrued day-one profits or losses are amortised linearly until the underlying market of the contract becomes liquid and are recognised in the result from energy trading. They are also reclassified to the income statement when the transaction is settled.

Profits and losses on level 3 instruments including day-one profits or losses

CHF million	Net sales 2017/18	Net sales 2016/17
Total profit or loss for the financial year recognised in the income statement	10.8	–16.2
Total profit or loss recognised in the income statement on financial instruments held at financial year end	83.4	13.8

7 Revenues from sales of energy

CHF million	2017/18	2016/17
Net sales from energy business	2 950.5	3 850.7
Result from energy trading	270.1	183.8
Other net sales	125.0	12.8
Total	**3 345.6**	**4 047.3**

In addition to consolidated net sales, there are also energy sales under ceded energy procurement rights and sub-participations. Revenues from "quota transactions" are not included in the above total, since they are offset against any energy procurement also ceded. They amount to CHF 387.1 million (previous year: CHF 362.0 million; see Note 8 "Expenses for energy procurement and cost of goods purchased").

8 Expenses for energy procurement and cost of goods purchased

CHF million	2017/18	2016/17
Expenses for energy procurement from third parties and associates	−2 453.9	−3 464.2
Expenses for energy procurement from partner plants (Note 30)	−177.4	−176.0
Increase in provisions (excluding interest) for onerous energy procurement contracts (Note 27)	−0.4	−55.7
Reversal of provisions (excluding interest) for onerous energy procurement contracts (Note 27)	3.6	37.4
Total	**−2 628.1**	**−3 658.5**

Expenses for energy procurement from "quota transactions" are not included in the above total since they are offset against any revenues also ceded. They amount to CHF 387.1 million (previous year: CHF 362.0 million; see Note 7 "Revenues from sales of energy").

9 Personnel expenses

CHF million	2017/18	2016/17
Salaries and wages	−133.1	−118.0
Employee benefit expense for defined benefit plans (Note 29)	−7.4	−8.9
Employee benefit expense for defined contribution plans	−2.4	−2.1
Social security and other personnel expenses	−21.9	−20.4
Total	**−164.8**	**−149.4**
Number of employees at the balance sheet date		
Full-time equivalents	940	887
Total	**940**	**887**

10 Other operating expenses

CHF million	2017/18	2016/17
Charges, fees and capital taxes	−15.1	−12.4
Other operating expenses	−186.9	−170.8
Total	**−202.0**	**−183.2**

Other operating expenses mainly include IT expenses, consulting expenses, brand licence costs as well as rental expenses.

11 Impairment losses, impairment reversals, depreciation, amortisation and provisions for onerous contracts

Wholesale prices on the European energy markets continued to stabilise in the reporting period 2017/18, and the assumptions for future market prices were increased slightly. Thus the results of the impairment calculations did not change significantly compared to the previous year.
In the previous year, the increase in the provision for onerous energy purchase contracts was due to power plant-specific factors such as unexpected technical problems, which resulted in higher production expenses and additional expenses for the procurement of replacement energy due to production outages. The impairment reversals for the production abroad were mainly related to the reduction of production expenses.

Allocation of impairment losses, impairment reversals and provisions

CHF million			2017/18	2016/17
Production abroad	Property, plant and equipment	Impairment reversals	0.2	5.2
	Intangible assets	Impairment losses	–0.1	0.0
Investments abroad	Intangible assets	Impairment losses	0.0	–1.0
	Goodwill	Impairment losses	0.0	–0.7
	Other associates	Impairment losses	–3.2	–7.1
		Impairment reversals	0.6	0.0
Assets held for sale abroad	Property, plant and equipment	Impairment losses	–1.0	0.0
Total impairment losses/reversals on assets			**–3.5**	**–3.6**
	Property, plant and equipment	Depreciation	–43.7	–35.8
	Intangible assets	Amortisation	–42.7	–39.7
Total depreciation, amortisation and impairments			**–89.9**	**–79.1**
Provisions for onerous contracts (net)			**–3.2**	**–18.3**

Goodwill is tested for impairment annually in the fourth quarter or any time if there is an indication of impairment. For property, plant and equipment, intangible assets (mainly rights for energy procurement and rights of use for concessions) and other associates, an impairment test is only conducted if there is an indication of impairment.
All impairment tests are based on a value-in-use calculation using a discounted cash flow (DCF) calculation. The evaluation of provisions for onerous energy procurement contracts is also based on a DCF calculation consistent with the value-in-use calculation.

Value-in-use calculation – property, plant and equipment, intangible assets and other associates
Value-in-use calculations are performed for each power plant, energy procurement right or other associate. The time horizon for the calculation extends over the concession period or the operating life of the asset. For the first three years, the value-in-use corresponds to the present value of cash flows based on the budget planning. From year four, the projected cash flows used for the determination of the value-in-use are based on various assumptions relating to market developments (see "Key assumptions").

Value-in-use calculation – partner plants and energy procurement contracts
Value-in-use calculations are performed for each partner plant or energy procurement contract. The time horizon for the calculation extends over the concession period or the term of the procurement contract and the operating life of the plant. The cash flows used for the value-in-use calculation are based on the budget planning for the first three years. From year four, the projected cash flows used are based on various assumptions (see "Key assumptions").

Value-in-use calculation – goodwill
The value-in-use corresponds to the present value of the budgeted cash flows for five years and a residual value without taking into account any growth rate. The projected cash flows used for the determination of the value-in-use are based on various assumptions (see "Key assumptions").

Key assumptions

The key assumptions are based on experience and management's estimate of market developments. The significant assumptions used for the determination of the value-in-use and the evaluation of the provisions include forecasts of future electricity and gas prices, assumptions regarding capital expenditures, the regulatory environment, growth rates, discount and exchange rates, and forecasts for the proportional annual expenses for energy procurement (only for power plants and energy procurement contracts).

Discount rates

The discount rate is based on a WACC calculated using the Capital Asset Pricing Model (CAPM). The parameters used were determined considering the risk profile of the respective cash-generating unit. For the value-in-use calculation and the evaluation of the provisions for onerous energy procurement contracts, different discount rates were used for each production type and country. For goodwill testing, a specific discount rate per subsidiary was applied.

in %	30.9.2018	30.9.2017
	After-tax real discount rate	After-tax real discount rate
Gas-fired combined-cycle power plants, Italy	4.7	4.4
Wind production, Italy	3.9	4.0
Wind production, France	3.2	3.2
Wind production, Germany	3.2	3.2
Wind production, Spain	4.1	4.1
Hydraulic plants, Switzerland	4.1	4.0
Nuclear power plant, Switzerland	4.7	4.6
Long-term procurement contracts, France	5.0	4.9
Goodwill Axpo Italia S.p.A.	4.8	4.8

Sensitivities

in %	30.9.2018	30.9.2017
	Break-even after-tax real discount rate	Break-even after-tax real discount rate
Axpo Italia S.p.A.	7.7	11.9

At a discount rate in the above amount, the recoverable amount would correspond to the carrying amount of the goodwill.

12 Financial result

CHF million	2017/18	2016/17
Interest income	28.9	22.9
Net exchange rate gains	0.0	24.4
Other financial income	1.1	1.3
Total financial income	**30.0**	**48.6**
Interest expense	–47.9	–54.3
Net exchange rate losses	–18.3	0.0
Other financial expense	–14.2	–26.9
Total financial expense	**–80.4**	**–81.2**
Total	**–50.4**	**–32.6**

Realised and unrealised gains and losses from other financial instruments are reported net in line item "Other financial income" and "Other financial expense", respectively.
The interest expense of CHF 47.9 million (previous year: CHF 54.3 million) includes interest of CHF 15.0 million (previous year: CHF 14.7 million) on provisions for onerous energy procurement contracts and other provisions (see Note 27 "Provisions").

13 Income taxes

CHF million	2017/18	2016/17
Current income taxes	–35.7	–27.7
Deferred income taxes	–35.3	–53.7
Total income taxes	**–71.0**	**–81.4**
Deferred taxes recognised in other comprehensive income	55.2	59.5
Total income taxes recognised in other comprehensive income	**55.2**	**59.5**

Current income taxes consist of taxes paid or due on the results of the individual companies for the financial year in accordance with local regulations, as well as charges and credits from previous periods.

Reconciliation between expected tax expense and effective tax expense

The expected income tax of CHF –41.1 million (previous year: CHF 30.3 million) can be reconciled to the effective income tax of CHF –71.0 million (previous year: CHF –81.4 million) as follows:

CHF million	2017/18	2016/17
Earnings before tax (EBT)	220.8	–163.0
Expected tax rate (ordinary tax rate at head office)	18.6%	18.6%
Income tax at expected tax rate	**–41.1**	**30.3**
Non-tax-deductible expenses	–19.1	–7.1
Effect from previous periods	–5.3	0.6
Effect of tax rate changes	0.0	–8.4
Effect of income not subject to tax or tax privileged	20.4	7.1
Unrecorded tax-loss carry forward	–17.8	–31.3
Utilisation of previously unrecorded carry forward of loss	2.6	2.7
Impairment of previously recorded carry forward of loss	6.1	0.0
Earnings taxable at different tax rates	–7.5	–6.9
Effect of impairment / impairment reversals of investments	0.0	–33.7
Reassessment of deferred tax assets	–9.8	–37.6
Other effects	0.5	2.9
Total income taxes (current and deferred)	**–71.0**	**–81.4**

The ordinary tax rate at the head office comprises direct federal tax (8.5%) and cantonal and municipal taxes of the canton of Aargau (14.4%). Due to the deductibility of both taxes from taxable income, this results in an effective ordinary tax rate for the head office of 18.6% (previous year: 18.6%).

Deferred taxes by origin of temporary differences

CHF million	Assets 30.9.2018	Liabilities 30.9.2018	Assets 30.9.2017	Liabilities 30.9.2017
Property, plant and equipment	84.4	28.5	112.5	30.2
Intangible assets	0.8	80.1	0.5	93.5
Investments	7.6	15.8	10.8	19.6
Derivative financial instruments (current and non-current)	0.0	72.7	0.3	55.3
Other assets (non-current)	0.0	1.6	0.0	1.1
Trade receivables	18.1	0.0	13.9	0.2
Other receivables (current)	18.1	11.3	11.5	34.1
Provisions (current and non-current)	2.2	162.6	1.3	157.9
Derivative financial instruments (current and non-current)	117.7	12.6	83.0	0.0
Other liabilities (non-current)	2.0	0.0	4.3	0.0
Other liabilities (current)	2.9	3.6	1.3	3.5
Tax-loss carry forwards capitalised	49.3	0.0	48.3	0.0
Deferred taxes, gross	**303.1**	**388.8**	**287.7**	**395.4**
Offsetting of assets and liabilities	–256.8	–256.8	–236.1	–236.1
Deferred taxes, net	**46.3**	**132.0**	**51.6**	**159.3**

In the previous year, as well as at 30 September 2018, there were no temporary differences associated with investments in subsidiaries, for which no deferred tax liabilites were recognised.

Tax-loss carry forwards for which no deferred tax assets are recognised by term to expiry

CHF million	30.9.2018	30.9.2017
Expiring in the following year	2.1	0.7
Expiring within 2 to 5 years	1 384.8	1 094.3
Expiring in more than 5 years	464.3	616.1
Total	**1 851.2**	**1 711.1**

14 Property, plant and equipment

CHF million	Power plants	Land and buildings	Other property, plant and equipment	Assets under construction	Total
Acquisition cost					
Balance as at 30.9.2016	**1 509.5**	**26.7**	**26.1**	**45.4**	**1 607.7**
Additions (investments)	0.1	0.0	2.0	9.1	11.2
Disposals	–0.1	0.0	–14.5	0.0	–14.6
Adjustments to acquisition costs IFRIC 1	0.7	0.0	0.0	0.0	0.7
Reclassifications	8.4	0.0	9.1	–17.2	0.3
Currency translation effect	66.3	0.3	0.8	2.1	69.5
Balance as at 30.9.2017	**1 584.9**	**27.0**	**23.5**	**39.4**	**1 674.8**
Additions (investments)	23.6	0.1	3.1	17.4	44.2
Disposals	–2.8	0.0	–0.7	–0.4	–3.9
Adjustments to acquisition costs IFRIC 1	0.8	0.0	0.0	0.0	0.8
Reclassification to assets held for sale	0.0	–17.6	0.0	0.0	–17.6
Reclassifications	48.7[2]	0.0	3.0	–6.0	45.7
Currency translation effect	–18.0	–0.3	–0.5	–0.7	–19.5
Balance as at 30.9.2018	**1 637.2**	**9.2**	**28.4**	**49.7**	**1 724.5**
Accumulated depreciation					
Balance as at 30.9.2016	**–1 000.3**	**–17.0**	**–17.7**	**–34.4**	**–1 069.4**
Depreciation in the reporting period	–32.9	–1.1	–1.8	0.0	–35.8
Impairment reversals	5.2[1]	0.0	0.0	0.0	5.2
Disposals	0.1	0.0	11.7	0.0	11.8
Currency translation effect	–43.0	0.0	–0.3	–2.1	–45.4
Balance as at 30.9.2017	**–1 070.9**	**–18.1**	**–8.1**	**–36.5**	**–1 133.6**
Depreciation in the reporting period	–40.3	–0.4	–3.0	0.0	–43.7
Impairment reversals	0.0	0.2	0.0	0.0	0.2
Disposals	2.7	0.0	0.6	0.0	3.3
Reclassification to assets held for sale	0.0	15.4	0.0	0.0	15.4
Currency translation effect	11.5	0.0	0.1	0.5	12.1
Balance as at 30.9.2018	**–1 097.0**	**–2.9**	**–10.4**	**–36.0**	**–1 146.3**
Carrying amount as at 1.10.2016	509.2	9.7	8.4	11.0	538.3
Carrying amount as at 30.9.2017	**514.0**	**8.9**	**15.4**	**2.9**	**541.2**
Carrying amount as at 1.10.2017	514.0	8.9	15.4	2.9	541.2
Carrying amount as at 30.9.2018	**540.2**	**6.3**	**18.0**	**13.7**	**578.2**

1 The impairment reversals in the previous year related to the power plants and wind farms in Italy. Axpo Solutions AG released in the separate financial statements provisions for onerous energy procurement contracts, whereas at group level a reversal was recognised on the impairment loss on the production facilities.

2 The reclassification relates to built wind farms of the Volkswind Portfolio which were previously accounted for as work in progress in inventories.

15 Intangible assets

CHF million	Energy procurement rights, rights of use for facilities and concessions	Goodwill	Other	Total
Acquisition cost				
Balance as at 30.9.2016	**359.3**	**79.6**	**89.3**	**528.2**
Additions (investments)	0.4	0.0	4.0	4.4
Disposals	0.0	0.0	−1.0	−1.0
Reclassifications	0.0	0.0	−0.3	−0.3
Currency translation effect	18.8	4.1	3.1	26.0
Balance as at 30.9.2017	**378.5**	**83.7**	**95.1**	**557.3**
Additions (investments)	0.0	0.0	6.9	6.9
Disposals	−18.3	0.0	−0.2	−18.5
Reclassifications	0.0	0.0	2.1	2.1
Currency translation effect	−4.1	−1.3	−1.1	−6.5
Balance as at 30.9.2018	**356.1**	**82.4**	**102.8**	**541.3**
Accumulated amortisation				
Balance as at 30.9.2016	**−40.7**	**−4.8**	**−82.4**	**−127.9**
Amortisation in reporting period	−36.9	0.0	−2.8	−39.7
Impairment losses	−1.0	−0.7	0.0	−1.7
Currency translation effect	−3.9	−0.2	−2.6	−6.8
Balance as at 30.9.2017	**−82.5**	**−5.7**	**−87.8**	**−176.0**
Amortisation in reporting period	−39.1	0.0	−3.6	−42.7
Impairment losses	0.0	0.0	−0.1	−0.1
Disposals	18.2	0.0	0.1	18.3
Currency translation effect	1.6	0.4	0.8	2.8
Balance as at 30.9.2018	**−101.8**	**−5.3**	**−90.6**	**−197.7**
Carrying amount as at 1.10.2016	318.6	74.8	6.9	400.3
Carrying amount as at 30.9.2017	**296.0**	**78.0**	**7.3**	**381.3**
Carrying amount as at 1.10.2017	296.0	78.0	7.3	381.3
Carrying amount as at 30.9.2018	**254.3**	**77.1**	**12.2**	**343.6**

Goodwill

As at 30 September 2018, the carrying amount of the goodwill presented in the table above is attributable to Axpo Italia S.p.A.

16 Investments in partner plants and other associates

CHF million	Partner plants	Other associates	Total
Carrying amount as at 30.9.2017	**188.4**	**137.4**	**325.8**
Change in scope of consolidation	0.0	0.7	0.7
Additions	0.0	19.1	19.1
Disposals	0.0	–17.7	–17.7
Impairment losses	0.0	–3.2	–3.2
Impairment reversal	0.0	0.6	0.6
Reclassification negative investment value	0.0	56.0	56.0
Dividend	–4.9	–12.7	–17.6
Share of result	5.1	–25.2	–20.1
Cash flow hedges (other comprehensive income)	0.0	3.6	3.6
Currency translation differences (other comprehensive income)	0.0	1.1	1.1
Remeasurement defined benefit plans (other comprehensive income)	3.6	0.8	4.4
Deferred tax (other comprehensive income)	–0.8	–0.4	–1.2
Foreign currency translation	0.0	–0.7	–0.7
Carrying amount as at 30.9.2018	**191.4**	**159.4**	**350.8**

All significant partner plants and other associates are measured using uniform principles in accordance with IFRS. Where no financial statements prepared in accordance with IFRS were available, a reconciliation to IFRS accounts was prepared.
The reporting date of certain partner plants and other associates deviates from that of Axpo Solutions Group. The most recent financial statements available for these companies were used for the preparation of the consolidated financial statements of Axpo Solutions Group. Adjustments were made in the consolidated financial statements for the effect of significant transactions and events which took place between the balance sheet date of the most recent financial statements and 30 September.

Partner plants

Shareholders in partner plants have obliged themselves reciprocally within the scope of the partnership agreements to purchase the pro-rata output of energy produced and to pay the pro-rata annual costs (including interest and repayment of loans) during the term of the concession. The partnership agreements run for the useful life of the power plant or for the duration of the concession and cannot be terminated. A list of partner plants can be found in Note 34 "Investments".
The proportional annual costs for Axpo Solutions Group amount to CHF 177.4 million (previous year: CHF 176.0 million). These costs are included in expenses for energy procurement and cost of goods purchased (see Note 8 "Expenses for energy procurement and cost of goods purchased"). Details of the equity-accounted partner plants are given in the annual reports of the individual partner plants.
Owners of nuclear power plants have a proportional obligation to make additional contributions to the Decommissioning and Waste Disposal Fund in the event that one of the primary obligated parties is unable to meet its payment obligations.

Other associates

Axpo Solutions Group holds material investments in Società EniPower Ferrara S.r.l. and Global Tech I Offshore Wind GmbH. A list of other associates is included in Note 34 "Investments".
The additions to "Other associates" can be mainly attributed to a capital increase which was carried out at the Trans Adriatic Pipeline AG in the amount of CHF 16.0 million (proportionately), whereas the disposals in "Other associates" relate to a capital decrease which was carried out at the Società EniPower Ferrara S.r.l. in the amount of CHF 17.2 million (proportionately).
The "Reclassification negative investment value" of CHF 56.0 million relates to the investments in Global Tech I Offshore GmbH (CHF 34.3 million) and Società EniPower Ferrara S.r.l. (CHF 21.7 million). The application of the equity method led to negative carrying amounts as at 30 September 2018, which were reclassified as impairment allowances on the loans granted to the two associates (see Note 18 "Other financial assets"). The loans form part of the net investments in the two associates. The negative carrying amounts mainly resulted from a share in the negative result of Global Tech I Offshore Wind GmbH and a capital repayment and dividend distribution at Società EniPower Ferrara S.r.l.

The tables below summarise the financial information of the material investments in other associates mentioned before, as included in their own financial statements and adjusted to comply with IFRS.

Financial information of material other associates

CHF million	Gross value 30.9.2018		Gross value 30.9.2017	
	Global Tech I Offshore Wind GmbH	Società EniPower Ferrara S.r.l.	Global Tech I Offshore Wind GmbH	Società EniPower Ferrara S.r.l.
Balance sheet				
Other assets (non-current)	1 066.3	338.6	1 356.8	377.0
Cash and cash equivalents and financial receivables (current)	141.4	32.3	179.7	69.9
Other receivables (current)	34.5	0.0	65.7	2.3
Total assets	**1 242.2**	**370.9**	**1 602.2**	**449.2**
Financial liabilities (non-current)	1 396.7	154.0	1 500.6	187.1
Provisions (non-current)	29.9	0.0	21.3	0.0
Financial liabilities (current)	91.6	0.0	179.0	0.0
Provisions (current)	82.5	0.0	81.8	0.0
Other liabilities (current)	4.0	0.0	46.3	0.0
Equity	−362.5	216.9	−226.8	262.1
Total equity and liabilities	**1 242.2**	**370.9**	**1 602.2**	**449.2**
Share (in %)	24.10%	49.00%	24.10%	49.00%
Accumulated impairments	0.0	−106.3	0.0	−128.4
Negative equity value adjustment	87.4	0.0	54.7	0.0
Carrying amount of the investment	**0.0**	**0.0**	**0.0**	**0.0**

CHF million	Gross value 2017/18		Gross value 2016/17	
	Global Tech I Offshore Wind GmbH	Società EniPower Ferrara S.r.l.	Global Tech I Offshore Wind GmbH	Società EniPower Ferrara S.r.l.
Income statement				
Income	339.9	129.8	403.2	159.8
Expenses	−494.7	−114.8	−413.7	−133.8
Result	−154.8	15.0	−10.5	26.0
Statement of comprehensive income				
Other comprehensive income	12.6	0.0	24.5	0.0
Total comprehensive income	−142.2	15.0	14.0	26.0
Share (in %)	24.10%	49.00%	24.10%	49.00%
Share of result	−37.3	7.3	−2.5	12.7
Share of other comprehensive income	3.0	0.0	5.9	0.0
Share of total comprehensive income	−34.3	7.3	3.4	12.7

Axpo Solutions Group sells the energy produced by Società EniPower Ferrara S.r.l. in proportion to its participation share through means of a tolling contract, thus bearing the energy price risk. Therefore, Società EniPower Ferrara S.r.l. as the energy generator is not impacted by the persistently low wholesale prices on the European energy market, but the respective losses are borne by Axpo Solutions Group. For this reason, the impairment of the Società EniPower Ferrara S.r.l. investment of CHF 0.5 million is booked by Axpo Solutions Group at shareholder level and is included in impairment losses.
Global Tech I Offshore GmbH, on the other hand, bears price risks, volume risks and other risks itself. For this reason, the impairment of CHF 18.9 million of the Global Tech I Offshore GmbH investment is booked at entity level by Global Tech I Offshore GmbH itself and is therefore included in the share of loss.

The table below shows the aggregated financial information for the other, individually immaterial investments in partner plants and other associates (proportional):

Financial information for individually immaterial partner plants and other associates 2017/18

CHF million	Individually disclosed investments aggregated[1]	Partner plants	Other associates	Total
Carrying amount of the investments	0.0	191.4	159.4	350.8
Balance sheet				
Financial receivables (non-current)	0.0	8.3	20.5	28.8
Other assets (non-current)	422.9	736.6	533.7	1 693.2
Cash and cash equivalents and financial receivables (current)	49.9	22.3	35.8	108.0
Other receivables (current)	8.3	29.8	38.1	76.2
Total assets	**481.1**	**797.0**	**628.1**	**1 906.2**
Financial liabilities (non-current)	412.1	344.1	369.3	1 125.5
Provisions (non-current)	7.2	177.0	13.4	197.6
Other liabilities (non-current)	0.0	3.9	25.1	29.0
Financial liabilities (current)	22.1	38.0	28.3	88.4
Provisions (current)	19.9	4.1	2.7	26.7
Other liabilities (current)	1.0	38.6	44.5	84.1
Equity	18.8	191.3	144.8	354.9
Total equity and liabilities	**481.1**	**797.0**	**628.1**	**1 906.2**
Income statement				
Income	145.5	212.4	112.4	470.3
Expenses	–175.5	–207.3	–107.6	–490.4
Result	**–30.0**	**5.1**	**4.8**	**–20.1**
Statement of comprehensive income				
Other comprehensive income	3.0	2.8	2.1	7.9
Total comprehensive income	–27.0	7.9	6.9	–12.2

1 The individually disclosed investments aggregated include the values of Società EniPower Ferrara S.r.l. and Global Tech I Offshore Wind GmbH, proportionately to the Group's share.

Financial information for individually immaterial partner plants and other associates 2016/17

CHF million	Individually disclosed investments aggregated[1]	Partner plants	Other associates	Total
Carrying amount of the investments	0.0	188.4	137.4	325.8
Balance sheet				
Financial receivables (non-current)	0.0	16.7	2.3	19.0
Other assets (non-current)	511.7	787.3	497.1	1 796.1
Cash and cash equivalents and financial receivables (current)	77.6	37.5	26.2	141.3
Other receivables (current)	16.9	23.6	60.0	100.5
Total assets	**606.2**	**865.1**	**585.6**	**2 056.9**
Financial liabilities (non-current)	453.4	384.1	346.6	1 184.0
Provisions (non-current)	5.1	174.8	10.2	190.1
Other liabilities (non-current)	0.0	7.2	27.9	35.1
Financial liabilities (current)	43.1	74.9	20.1	138.1
Provisions (current)	19.7	4.3	0.4	24.4
Other liabilities (current)	11.2	31.6	57.5	100.3
Equity	73.7	188.2	122.9	384.9
Total equity and liabilities	**606.2**	**865.1**	**585.6**	**2 056.9**
Income statement				
Income	175.5	211.3	77.6	464.4
Expenses	–165.3	–206.0	–75.7	–447.0
Result	**10.2**	**5.3**	**1.9**	**17.4**
Statement of comprehensive income				
Other comprehensive income	5.9	4.1	2.6	12.6
Total comprehensive income	16.1	9.4	4.5	30.0

1 The individually disclosed investments aggregated include the values of Società EniPower Ferrara S.r.l. and Global Tech I Offshore Wind GmbH, proportionately to the Group's share.

17 Subsidiaries with material non-controlling interests

A list of subsidiaries can be found in Note 34 "Investments". Axpo Solutions Group holds Calenia Energia S.p.A., which has material non-controlling interests. The table below summarises the financial information of this subsidiary. The information represents amounts as included in the subsidiary's financial statements before any intercompany eliminations.

CHF million	2017/18	2016/17
	Calenia Energia S.p.A.	Calenia Energia S.p.A.
Non-controlling interests (in %)	15.00%	15.00%
Balance sheet		
Non-current assets	290.2	305.0
Current assets	84.0	49.8
Non-current liabilities	129.7	148.3
thereof non-current financial liabilities	109.8	130.0
Current liabilities	85.5	39.6
thereof current financial liabilities	18.7	4.0
Equity	159.0	166.9
Equity attributable to Axpo Solutions Group shareholders	135.1	141.9
Equity attributable to non-controlling interests	23.9	25.0
Income statement		
Total income	66.7	70.9
Operating expenses	−54.0	−26.4
Depreciation, amortisation and impairments	−19.8	−18.6
Financial result	−1.5	−7.5
Income tax expense	2.6	−5.4
Result for the period	**−6.0**	**13.0**
Result for the period attributable to Axpo Solutions Group shareholders	−5.1	11.0
Result for the period attributable to non-controlling interests	−0.9	2.0
Statement of comprehensive income		
Total comprehensive income	−7.9	24.4
Total comprehensive income attributable to Axpo Solutions Group shareholders	−6.7	20.7
Total comprehensive income attributable to non-controlling interests	−1.2	3.7
Dividends paid to non-controlling interests	0.0	0.0
Cash flow statement		
Cash flow from operating activities	16.2	48.8
Cash flow from investing activities	−0.6	−0.6
Cash flow from financing activities	−5.3	−71.1
Currency translation effect	−0.4	0.4
Change in cash and cash equivalents	**9.9**	**−22.5**

18 Other financial assets

CHF million	30.9.2018	30.9.2017
Available-for-sale financial assets	0.0	0.1
Loans	448.1	458.9
Impairment allowances on loans	−111.9	−58.2
Total	**336.2**	**400.8**

The prior owners were compensated for the transfer of their transmission systems to Swissgrid AG based on the provisional transfer values. Seventy percent of the compensation paid in 2013 took the form of loans to Swissgrid AG (see also Note 5 "Estimation uncertainties and significant judgements in the application of accounting policies", section "Transmission systems"). The loans include a unilateral conversion right on the part of Swissgrid AG to convert said loans into Swissgrid AG shares if certain conditions arise. In the reporting period, a partial early repayment of the loan in the amount of CHF 14.3 million was made and a further partial repayment in the same amount is planned within the next 12 months. The latter portion is included in current financial receivables (see Note 21 "Financial receivables (current)").

Impairment on loans

The increase in the impairment allowances on loans relates to the reclassification of the negative carrying amounts of the investments in Società EniPower Ferrara S.r.l. and Global Tech I Offshore Wind GmbH of CHF 56.0 million (see Note 16 "Investments in partner plants and other associates").

Non-current loan receivables (carrying amount > CHF 10 million) outstanding at the balance sheet date

CHF million	Maturity date	Interest rate % 30.9.2018	Carrying amount 30.9.2018	Carrying amount 30.9.2017
Global Tech I Offshore Wind GmbH	31.12.2030	6.0% or 10.0%	28.2	75.1
Società EniPower Ferrara S.r.l.	20.06.2023	0.93% [1]	54.0	91.2
Swissgrid AG	03.01.2022	3.93%	42.7	71.2
Terravent AG	31.03.2042	0.75%	19.9	21.2
Trans Adriatic Pipeline AG	12.02.2038	1.75% [2]	138.5	95.8
Total			**283.3**	**354.5**

1 Variable interest rate linked to 6-month EURIBOR plus 1.2%.
2 Variable interest rate linked to EUR 12-month interest rate for cross-border shareholder loans.

19 Inventories

CHF million	30.9.2018	30.9.2017
Work in progress	65.8	114.1
Inventories held for own use	4.2	2.2
Gas inventories held for trading	279.8	184.3
Certificates held for trading	331.3	237.5
Total	**681.1**	**538.1**

Wind farms from the Volkswind Group portfolio, which are developed with the intention of selling them, are presented as "Work in progress" in inventories.
Certificates and gas inventories allocated to the customer solution business are principally acquired for resale in the near term with a view to generating a profit from fluctuations in price or dealer's margin. These are measured at fair value less costs to sell.
Inventories held in relation with own energy production and the retail business include materials, certificates and inventories of other energy sources and are measured at the lower of cost or net realisable value.

20 Trade receivables

CHF million	30.9.2018	30.9.2017
Trade receivables	709.7	783.8
Impairment allowances for bad debts	−99.3	−92.5
Total	**610.4**	**691.3**

The necessary allowances for bad debts were calculated based on past experience and based on an assessment of individual receivables. A detailed analysis of trade receivables and allowances for bad debts is presented in Note 6 "Financial risk management".

21 Financial receivables (current)

CHF million	30.9.2018	30.9.2017
Available-for-sale financial assets	1.4	1.4
Financial receivables	1 404.1	1 068.2
Total	**1 405.5**	**1 069.6**
thereof cash pool with Axpo Holding AG	1 306.2	958.6

22 Other receivables (current and non-current)

CHF million	30.9.2018	30.9.2017
Receivables from pension plans	4.3	4.2
Other (financial instruments)	60.0	66.5
Other (non-financial instruments)	64.0	58.1
Impairment allowances on financial instruments	–38.0	–38.0
Total non-current other receivables	**90.3**	**90.8**
Advance payments to suppliers (non-financial instruments)	38.3	71.7
Revenues not yet invoiced	1 070.1	849.3
Other (financial instruments)	624.1	336.5
Other (non-financial instruments)	97.0	136.0
Total current other receivables	**1 829.5**	**1 393.5**
Total	**1 919.8**	**1 484.3**

"Revenues not yet invoiced" relate to energy supplied in the traditional energy business and in energy trading. Trade receivables from customers who are simultaneously suppliers are offset against trade payables, provided a netting arrangement has been agreed. The offset receivables and payables included in "Revenues not yet invoiced" and in "Operating expenses not yet invoiced" amount to CHF 1,691.4 million (previous year: CHF 1,548.5 million; see Note 28 "Other liabilities").
The line item "Other (financial instruments)" in "Current other receivables" mainly contains credit support annexes delivered. The credit support annexes received are reported in Note 28 "Other liabilities (current)" (see also Note 6 "Financial risk management").

23 Cash and cash equivalents

CHF million	30.9.2018	30.9.2017
Petty cash and cash at banks	411.1	238.8
Total	**411.1**	**238.8**

At the end of the reporting period, cash and cash equivalents held in euros, US dollars and Swedish krona amounted to CHF 191.7 million (previous year: CHF 163.5 million), CHF 83.5 million (previous year: CHF 55.3 million) and CHF 95.6 million (previous year: CHF 0.1 million), respectively.
Further, Axpo Solutions Group has cash in the cash pool with Axpo Holding AG in the amount of CHF 1,306.2 million (previous year: CHF 958.6 million, see Note 21 "Financial receivables").

24 Equity

Share capital

The share capital of CHF 1,567.0 million consists of 31,340,000 fully paid-in bearer shares issued with a nominal value of CHF 50.00 per share. In the previous year, the share capital of Axpo Solutions AG was increased by the amount of CHF 455.0 million and 9,100,000 bearer shares were issued at a nominal value of CHF 50.00 per share.

Retained earnings

The retained earnings consist of legal and statutory reserves, undistributable profits of previous years, emission duty for paid-in capital and accumulated remeasurements on pension liabilities. The calculation of the maximum distributable part of the retained earnings is based on the statutory financial statements of Axpo Solutions AG.

Own shares

Axpo Solutions AG and its subsidiaries do not hold any own shares.

Other reserves

CHF million	Reserves from hedge accounting	Unrealised gains or losses	Foreign currency translation reserve	Total
Balance as at 30.9.2016	**87.4**	**–0.1**	**–398.0**	**–310.7**
Foreign currency translation	9.9		61.6	71.5
Cash flow hedges				
Fair value adjustments	–306.3			–306.3
Gains (–) / losses (+) transferred to the income statement	–55.1			–55.1
Deferred tax / income tax thereon	67.0	0.0		67.0
Total comprehensive income, net of tax	**–284.5**	**0.0**	**61.6**	**–222.9**
Balance as at 30.9.2017	**–197.1**	**–0.1**	**–336.4**	**–533.6**
Foreign currency translation	0.0		–9.6	–9.6
Cash flow hedges				
Fair value adjustments	–441.0			–441.0
Gains (–) / losses (+) transferred to the income statement	124.1			124.1
Deferred tax / income tax thereon	59.4	0.0		59.4
Total comprehensive income, net of tax	**–257.5**	**0.0**	**–9.6**	**–267.1**
Balance as at 30.9.2018	**–454.6**	**–0.1**	**–346.0**	**–800.7**

Reserves from hedge accounting

The reserves from hedge accounting include the effective portion of the cumulative net change in fair value of derivatives designated as cash flow hedging instruments (cash flow hedge), for which the hedged item has not yet been realised in the profit or loss account and thus their realisation was not yet recycled to profit or loss.

Unrealised gains or losses

The changes in fair value on available-for-sale investments are recognised in unrealised gains or losses until their realisation or until an impairment booking is necessary.

Foreign currency translation reserve

The foreign currency translation reserve contains the currency differences resulting from the translation of financial statements in foreign currencies from subsidiaries and associates.

25 Financial liabilities (current and non-current)

CHF million	Bonds	Loans	Other financial liabilities	Total
Balance as at 30.9.2017	**470.2**	**154.6**	**329.5**	**954.3**
Increase	0.0	41.7	1 337.9	1 379.6
Repayment	0.0	–14.0	–990.9	–1 004.9
Reclassifications	0.0	17.3	–17.3	0.0
Currency translation effect	–5.3	–2.3	–3.1	–10.7
Balance as at 30.9.2018	**464.9**	**197.3**	**656.1**	**1 318.3**
Maturities as at 30.9.2017				
Due within 1 year	0.0	0.0	329.5	329.5
Due within 1 to 5 years	242.3	120.2	0.0	362.5
Due in more than 5 years	227.9	34.4	0.0	262.3
Total	**470.2**	**154.6**	**329.5**	**954.3**
Maturities as at 30.9.2018				
Due within 1 year	0.0	0.0	656.1	656.1
Due within 1 to 5 years	239.3	133.9	0.0	373.2
Due in more than 5 years	225.6	63.4	0.0	289.0
Total	**464.9**	**197.3**	**656.1**	**1 318.3**

Current financial liabilities include the financing of the wind farms built for sale, which are presented as work in progress in inventories. The position further contains a short-term loan from Axpo Holding AG in the amount of CHF 449.6 million with an interest rate of 0.6% (previous year: CHF 133.1 million; 0.8%) as well as current account liabilities.

Non-current loans (carrying amount > CHF 10 million) outstanding at the balance sheet date

CHF million	Maturity date	Interest rate % 30.9.2018	Carrying amount 30.9.2018	Carrying amount 30.9.2017
Hera S.p.A.	30.05.2025	1.20%	16.5	19.5
Graubündner Kantonalbank	02.08.2022	2.42%	20.0	20.0
PAX, Schweizerischen Lebensversicherungsgesellschaft AG	13.08.2020	2.25%	20.0	20.0
Bremer Landesbank	30.12.2031	1.45%	20.1	0.0
Bremer Landesbank	30.12.2033	2.80%	13.6	0.0
Bremer Landesbank	30.12.2032	2.20%	14.2	0.0
Total			**104.4**	**59.5**

In addition to the above-listed loans from Bremer Landesbank, there were other non-current financial liabilities, related to wind farms, outstanding. At the balance sheet date, they amount to CHF 83.2 million (previous year: CHF 86.0 million), with interest rates ranging from 0.00% to 5.65% (previous year: 1.50% to 5.65%). These loans will be repaid in tranches until 2033 at the latest.

Bonds outstanding at the balance sheet date

CHF million	Maturity date	Interest rate % 30.9.2018	Carrying amount 30.9.2018	Carrying amount 30.9.2017
Albula-Landwasser Kraftwerke AG	13.08.2025	2.63%	20.0	20.0
Albula-Landwasser Kraftwerke AG	16.08.2030	2.68%	20.0	20.0
Axpo International S.A.	04.03.2026	2.00%	4.5	4.6
Axpo International S.A.	04.03.2028	2.38%	11.3	11.5
Axpo International S.A.	04.03.2036	3.00%	169.7	171.9
Axpo International S.A.	19.05.2020	1.10%	45.3	45.8
Axpo International S.A.	19.05.2020	0.56%	17.0	17.2
Axpo International S.A.	19.05.2021	1.38%	28.3	28.6
Axpo International S.A.	19.05.2021	0.50%	84.9	85.9
Axpo International S.A.	19.05.2022	1.61%	28.3	28.6
Axpo International S.A.	19.05.2022	0.43%	35.6	36.1
Total			**464.9**	**470.2**

All bonds listed above are from private placements.

26 Other liabilities (non-current)

CHF million	30.9.2018	30.9.2017
Employee benefit liability	2.0	16.6
Other (financial instruments)	35.3	49.1
Other (non-financial instruments)	82.4	92.7
Total	**119.7**	**158.4**
Maturities at the end of the financial year:		
Due within 1 to 5 years	82.0	102.9
Due in more than 5 years	37.7	55.5
Total	**119.7**	**158.4**

Other non-current liabilities mainly relate to day-one profits resulting from long-term contracts whose valuation is partly based on non-observable input data (see Note 6 "Financial risk management").
In addition, other non-current liabilities include the sale of electricity procurement rights. Payments received are recognised as a liability and are subsequently reclassified to the income statement over the lifetime of the rights.

27 Provisions

CHF million	Onerous energy procurement contracts	Other provisions[1]	Total
Balance as at 30.9.2017	**408.5**	**44.2**	**452.7**
Change in scope of consolidation	0.0	−2.6	−2.6
Increase in provisions	0.4	76.0	76.4
Interest	14.8	0.2	15.0
Reversal of provisions	−3.6	−2.9	−6.5
Usage of provisions	−42.1	−15.7	−57.8
Reclassifications	−0.4	0.6	0.2
Currency translation effect	0.0	−1.5	−1.5
Balance as at 30.9.2018	**377.6**	**98.3**	**475.9**
Current portion of provisions	63.2	41.9	105.1
Non-current portion of provisions	314.4	56.4	370.8
Total	**377.6**	**98.3**	**475.9**
Due within 1 year	63.2	41.9	105.1
Due within 1 to 5 years	107.4	23.6	131.0
Due in more than 5 years	207.0	32.8	239.8
Total	**377.6**	**98.3**	**475.9**

1 The "Increase in provisions" contains an amount of CHF 2.3 million not recognised in profit or loss which is related to the allocation of the acquisition costs for windparks in France. IFRIC 1 was applied to reverse the provision. CHF 0.8 million was capitalised under "Power plants" (see Note 14 "Property, plant and equipment") and CHF 1.5 million under Note 19 "Inventories".

Provisions for onerous energy procurement contracts

The provisions for "Onerous energy procurement contracts" in the amount of CHF 377.6 million relate to identifiable losses from the procurement of electricity from power-generation plants and from long-term supply contracts (previous year: CHF 408.5 million). For details regarding the valuation method used refer to Note 11 "Impairment losses, impairment reversals, depreciation, amortisation and provisions for onerous contracts".

Other provisions

The position "Other provisions" includes provisions for onerous energy sales contracts from retail business in the amount of CHF 33.2 million. The related procurement contracts are measured at fair value. The position further contains provisions for storage contracts in the amount of CHF 27.4 million as well as provisions for the decommissioning of power plants in the amount of CHF 19.1 million. The remaining amount relates to provisions for personnel expenses including bonus accruals and claims related to current legal proceedings.

28 Other liabilities (current)

CHF million	30.9.2018	30.9.2017
Operating expenses not yet invoiced	1 138.6	876.1
Advance payments from customers	41.1	28.5
Other (financial instruments)	638.7	306.7
Other (non-financial instruments)	53.1	29.9
Total	**1 871.5**	**1 241.2**

"Operating expenses not yet invoiced" relate to accruals for electricity purchases, both in traditional energy business and energy trading. Trade receivables from customers who are simultaneously suppliers are offset against trade payables, provided a netting arrangement has been agreed. The offset receivables and payables included in "Operating expenses not yet invoiced" and in "Revenues not yet invoiced" amount to CHF 1,691.4 million (previous year: CHF 1,548.5 million; see Note 22 "Other receivables").
The line item "Other (financial instruments)" mainly contains credit support annexes received, whereas the credit support annexes delivered are reported in Note 22 "Other receivables (current and non-current)" (see additionally Note 6 "Financial risk management").

29 Employee benefits

Axpo Solutions Group has several pension plans in accordance with national legislation. The Swiss subsidiaries are affiliated to PKE-CPE Vorsorgestiftung Energie, a legally independent collective pension fund which qualifies as a defined benefit plan under IAS 19. The other defined benefit plans are insignificant. All other pension plans qualify as defined contribution plans.
PKE-CPE Vorsorgestiftung Energie is a pension fund with the legal form of a foundation under the Swiss Civil Code and the Swiss Federal Law on Occupational Retirement, Survivors' and Disability Pension Plans (BVG). The objective of the foundation is to provide occupational benefits in accordance with the BVG and its ordinances, protecting the employees of the affiliated companies and their family and survivors against the financial consequences of old age, invalidity and death. The pension fund is an independent pension fund and the contributions and benefits exceed the minimum legal requirements. The Board of Trustees is the most senior governing body of PKE-CPE Vorsorgestiftung Energie. It is composed of an equal number of employee and employer representatives of the affiliated companies and constitutes itself. The pension fund regulations and the organisational regulations define the benefits provided by PKE-CPE Vorsorgestiftung Energie and their financing, the organisation and administration, and the relationship with the affiliated companies and with the active insured members and pensioners.
The employer and employee contributions are defined as a percentage of the insured salary. The old-age pension is determined by multiplying the balance of the retirement savings capital at retirement with the conversion rate defined in the regulations. The employee may draw the pension benefits as a lump-sum payment. The invalidity pension and the spouse's pension are defined as a percentage of the insured salary. The plan assets are invested by PKE-CPE Vorsorgestiftung Energie jointly for all affiliated companies, which share the actuarial and the investment risks of the pension fund. The Board of Trustees is responsible for the investment of the plan assets. The organisation of the investment activities and the related competencies are specified in the investment regulations and investment strategy. The pension fund is exposed to actuarial and investment risks. The investments are made in such a way that the benefits can be paid when they come due.
In the event of underfunding, the Board of Trustees, in collaboration with the recognised actuarial expert, implements measures suitable to eliminating the underfunding. If necessary, the interest rate on the retirement savings capital, the benefits in excess of the minimum requirement under BVG and their financing may be adjusted to bring them into line with the funds available. If other measures are not sufficient, PKE-CPE Vorsorgestiftung Energie may require the employer to pay additional contributions to eliminate the underfunding.
Due to increasing life expectancy, persistently low interest rates and the subdued growth of forecasted returns, the Board of Trustees has agreed on various measures to ensure the financial stability of PKE-CPE Vorsorgestiftung Energie.
The key components of the measures are the reduction of the conversion rate and the introduction of additional obligatory employer contributions. Furthermore, the active members will receive a special capital contribution to their individual retirement assets of 13%.
The financial impact of the compensation measures was netted against the effect of the reduction of the conversion rate. This resulted in a net change in the income statement of zero. The remaining part of the financial impact of the compensation measures represents a supplementary interest that is treated as actuarial loss and recognised in comprehensive income.

The employee benefits of Axpo Solutions Group were as follows:

Pension liabilities according to the balance sheet

CHF million	2017/18	2016/17
Present value of defined benefit obligations as at 30.9.	229.5	232.7
Fair value of plan assets as at 30.9.	227.6	216.1
Deficit as at 30.9.	1.9	16.6
Pension liabilities recognised in the balance sheet as at 30.9.	**1.9**	**16.6**

Pension costs in income statement

CHF million	2017/18	2016/17
Current service cost	7.2	8.7
Interest expense on defined benefit obligation	1.4	0.5
Interest income on plan assets	–1.3	–0.4
Administration cost excluding asset management cost	0.1	0.1
Pension cost for the period recognised in profit or loss (Note 9)	**7.4**	**8.9**
thereof service cost and administration cost	7.3	8.8
thereof net interest expense (income)	0.1	0.1

Pension costs in other comprehensive income

CHF million	2017/18	2016/17
Actuarial losses/(gains) on defined benefit obligation	–9.5	–13.2
Return on plan assets excluding interest income	–7.6	–17.0
Pension costs for the period recognised in other comprehensive income	**–17.1**	**–30.2**

Change in employee benefit liability reported in the balance sheet

CHF million	2017/18	2016/17
Employee benefit liability as at 1.10.	16.6	42.9
Pension cost for the period recognised in profit or loss	7.4	8.9
Pension cost for the period recognised in other comprehensive income	–17.1	–30.2
Employer contributions	–5.0	–5.0
Employee benefit liability as at 30.09.	**1.9**	**16.6**

Change in the fair value of plan assets

CHF million	2017/18	2016/17
Fair value of plan assets as at 1.10.	216.1	200.7
Interest income on plan assets	1.3	0.4
Employer contributions	5.0	5.0
Employee contributions	3.2	3.2
Benefits paid	–5.6	–10.2
Return on plan assets excluding interest income	7.6	17.0
Fair value of plan assets as at 30.9.	**227.6**	**216.1**

Change in the present value of the defined benefit obligation

CHF million	2017/18	2016/17
Present value of defined benefit obligation as at 1.10.	232.7	243.6
Interest expense on defined benefit obligation	1.4	0.5
Current service cost	7.2	8.7
Employee contributions	3.2	3.2
Benefits paid	−5.6	−10.2
Administration cost excluding asset management cost	0.1	0.1
Actuarial losses/(gains) on defined benefit obligation	−9.5	−13.2
Present value of defined benefit obligation as at 30.9.	**229.5**	**232.7**

Breakdown of defined benefit obligation

CHF million	30.9.2018	30.9.2017
Present value of defined benefit obligation as at 30.9. for active members	132.0	124.8
Present value of defined benefit obligation as at 30.9. for pensioners	97.5	107.9

Actuarial gains/losses on defined benefit obligation

CHF million	2017/18	2016/17
Actuarial (gains)/losses on defined benefit obligation from:		
changes in financial assumptions	−7.9	−11.5
changes in demographic assumptions	−6.2	−4.3
experience adjustments	4.6	2.6
Actuarial losses/(gains) on defined benefit obligation	**−9.5**	**−13.2**

Actuarial assumptions

	30.9.2018	30.9.2017
Discount rate for active members (in %)	1.0	0.7
Discount rate for pensioners (in %)	0.8	0.5
Expected future salary increase (in %)	0.5	0.5
Expected future pension increase (in %)	0.0	0.0

The discount rate is determined on the basis of the return from Swiss and foreign corporate bonds that are listed on the Swiss Stock Exchange (SIX). Only institutions whose bonds are rated with one of the two highest credit quality categories (AAA and AA) are considered. Wage growth is based on the long-term expectations of Axpo. Additionally, wage increases according to valid collective working agreements or other contractual commitments are considered. In the financial year 2017/18, life expectancy was calculated for the first time using a projection of future mortality improvement according to the Continuous-Mortality-Investigation (CMI) model based on observed actual mortality data in Switzerland. A future mortality improvement rate of 1.25% is used for the calculation. The initial application of the CMI model results in a reduction of the net pension liabilities of CHF 6.2 million, which is recorded in comprehensive income as a change in estimate. In the prior year, the calculation of life expectancy was based on the BVG 2015 generation tables.

Sensitivity of key actuarial assumptions

The calculation of the defined benefit obligation is especially sensitive to changes in the discount rate, assumptions regarding salary trends and changes in life expectancy. The discount rate and the expected salary change were reduced/increased by 0.25%. Sensitivity to mortality rates was calculated by reducing/raising the mortality rate by a fixed factor such that the life expectancy for the majority of age categories was raised/reduced by approximately one year. The following table summarises the present value of the defined benefit obligation which would result when applying the above-mentioned assumptions:

CHF million	30.9.2018	30.9.2017
Discount rate (–0.25% change)	237.7	241.8
Discount rate (+0.25% change)	221.8	224.2
Salary increase (–0.25% change)	228.7	231.7
Salary increase (+0.25% change)	230.3	233.8
Life expectancy (–1 year change)	222.7	225.2
Life expectancy (+1 year change)	236.1	240.1

Estimate of employer and employee contributions for subsequent period

CHF million	30.9.2018	30.9.2017
Expected employer contributions	4.9	4.7
Expected employee contributions	3.2	3.0

Major categories of plan assets

CHF million	30.9.2018	30.9.2017
Cash and cash equivalents	0.9	5.2
Equity instruments	91.8	85.3
Debt instruments	65.6	62.0
Real estate	11.9	12.8
Others	24.5	20.5
Total plan assets at fair value (quoted market price)	**194.7**	**185.8**
Real estate	32.9	30.3
Total plan assets at fair value (non-quoted market price)	**32.9**	**30.3**
Total plan assets at fair value	**227.6**	**216.1**

Maturity profile of the defined benefit obligation

	30.9.2018	30.9.2017
Weighted average duration of the defined benefit obligation in years	13.8	14.9

30 Transactions with related parties

Majority shareholder

Axpo Holding AG, Baden, directly holds 100% of the share capital of Axpo Solutions AG. Axpo Holding AG, the sister companies of Axpo Solutions AG (Axpo Power AG, Avectris AG, Axpo Services AG and Centralschweizerische Kraftwerke AG) and their fully consolidated subsidiaries, and companies and public agencies whose ownership interests allow them to exercise significant influence over Axpo Holding AG are all treated as shareholders and parties related to shareholders.

Subsidiaries and associates

Transactions between Axpo Solutions AG and its subsidiaries were eliminated during consolidation and are not explained in this note, while transactions between Axpo Solutions AG and its associates and partner plants are disclosed below. Transactions between Axpo Solutions AG and its subsidiaries are disclosed in the separate financial statements of Axpo Solutions AG. The principal terms and conditions governing relationships with related parties are explained in Note 3 “Consolidation principles”, section “Intragroup transactions”.

Management Board and Board of Directors

The Management Board and the Board of Directors of Axpo Solutions AG are also considered related parties. Transactions with related parties are conducted at arm’s length.

Remuneration to current members of the Board of Directors and the Management Board

CHF million	2017/18	2016/17
Board of Directors		
Current employee benefits	0.0	0.0
Total	**0.0**	**0.0**
Management Board		
Current employee benefits	7.7	7.1
Pension fund contributions	0.8	0.8
Total	**8.5**	**7.9**

Transactions between Axpo Solutions Group and related parties in 2017/18

CHF million	Shareholders and affiliates	Partner plants	Associates
Total income			
Revenues from sales of energy	166.9	0.9	106.5
Other operating income	61.0	4.9	6.2
Operating expenses			
Expenses for energy procurement and cost of goods purchased	−667.8	−177.4	−43.1
Expenses for materials and third-party supplies	−0.5	0.0	0.0
Other operating expenses	−73.0	0.0	0.2
Financial result			
Financial result	−12.3	−14.8	18.5

Open positions with related parties as at the balance sheet date:

CHF million	Shareholders and affiliates	Partner plants	Associates
Assets (non-current)			
Derivative financial instruments	177.6	0.0	18.6
Other financial assets	0.0	0.0	336.3
Assets (current)			
Trade receivables	6.0	1.0	20.3
Financial receivables	1 306.2	13.5	26.0
Derivative financial instruments	237.2	0.0	14.8
Other receivables	23.2	21.7	10.3
Liabilities (non-current)			
Financial liabilities	3.6	0.0	0.0
Derivative financial instruments	185.4	0.0	17.0
Other liabilities	0.0	0.0	0.6
Liabilities (current)			
Trade payables	72.5	14.5	1.2
Financial liabilities	449.6	0.0	0.0
Derivative financial instruments	227.5	0.0	7.3
Other liabilities	58.5	16.1	10.4

Transactions between Axpo Solutions Group and related parties in 2016/17

CHF million	Shareholders and affiliates	Partner plants	Associates
Total income			
Revenues from sales of energy	243.5	2.8	74.5
Other operating income	–143.9	5.1	29.3
Operating expenses			
Expenses for energy procurement and cost of goods purchased	–664.7	–176.0	–32.4
Expenses for materials and third-party supplies	–0.5	0.0	0.0
Other operating expenses	–80.7	0.0	–0.1
Financial result			
Financial result	–6.5	–14.5	20.9

Open positions with related parties as at the balance sheet date:

CHF million	Shareholders and affiliates	Partner plants	Associates
Assets (non-current)			
Derivative financial instruments	358.6	0.0	8.6
Other financial assets	0.0	0.0	400.7
Assets (current)			
Trade receivables	6.3	0.7	7.2
Financial receivables	958.6	0.0	12.5
Derivative financial instruments	266.9	0.0	10.2
Other receivables	15.3	24.1	8.2
Liabilities (non-current)			
Financial liabilities	4.1	0.0	0.0
Derivative financial instruments	416.7	0.0	5.8
Other liabilities	0.0	0.0	0.0
Liabilities (current)			
Trade payables	88.8	3.0	0.8
Financial liabilities	133.1	0.0	0.0
Derivative financial instruments	364.9	0.0	3.0
Other liabilities	53.1	7.1	9.6

31 Pledged assets

CHF million	30.9.2018	30.9.2017
Property, plant and equipment	196.5	129.0
Inventories	62.4	104.3
Other	167.1	156.2
Total	**426.0**	**389.5**

Pledged property, plant and equipment are related to the wind farms in France and Germany built for own use, whereas pledged inventories are related to the wind farms in France and Germay built for sale. The line item "Other" is mainly related to pledged cash.

32 Other contingent liabilities, contingent assets and legal disputes

CHF million	30.9.2018	30.9.2017
Investment commitment	73.0	25.1
Obligation to capital payment	103.0	137.8
Other undrawn commitments	2.8	2.7
Other off-balance sheet commitments	0.0	12.9
Total	**178.8**	**178.5**

There is an ongoing investigation concerning CO_2 certificate transactions in Spain, the risk of which is assessed as low by Axpo Solutions Group.
For obligations in connection with partner plants, see Note 16 "Investments in partner plants and other associates".
Last financial year, Axpo decided to participate in an amnesty offered by the Italian government, which was eligible to all tax payers for legal cases related to VAT for the financial years 2006 to 2009.
The amnesty represents a definitive ascertainment that the Italian suppliers erroneously charged the VAT to Axpo Solutions AG. Therefore, Axpo Solutions AG will reclaim the incorrectly invoiced VAT from its various suppliers.
Up to now, the incorrectly invoiced VAT has been reclaimed from group internal and associtated suppliers only. These companies are reclaiming the tax repaid to Axpo Solutions AG from the Italian tax authority. As a result, a contingent asset in the amount of EUR 15.8 million against the Italian tax authority from group internal reclaims arose for Axpo Solutions Group.
With the entry into force of the new Energy Act (EnG) on 1 January 2018, the operators of large-scale hydroelectric power plants that have to sell their power on the market for less than the full generation costs (including a return on equity) are entitled to a market premium. To assert a claim for a market premium, Axpo Solutions AG had to submit an application containing the complete documents by no later than 31 May. The Swiss Federal Office for Energy sent the first ruling for the 2018 market premium to the applicants on 8 November 2018. It states that the proportion of the market premium, to which Axpo Solutions AG is entitled, amounts to CHF 6.8 million. Since requests for market premiums in financial year 2018 exceeded the amount of the available funds, the market premium was reduced by a provisional factor of 0.85 on a straight-line basis for all eligible recipients. The applicants may appeal these rulings through the Federal Administrative Court within 30 days. The Axpo management is currently examining its legal options for an appeal. Axpo has neither recognised a receivable nor a respective earning in the financial year 2017/18, as the first ruling has been received during the new financial year.
In relation with a gas procurement contract, a court of first instance acknowledged Axpo Solutions Group's claim with respect to the direct damages it suffered due to the counterparty's breach. A compensation of EUR 14.8 million plus interest was awarded to Axpo Solutions Group, which has not yet been recognised in the income statement. However the court did not uphold the main point of Axpo Solutions' claim for profit, thus resulting in a lower amount awarded than requested by Axpo Solutions. The counterclaim of the counterparty was fully dismissed by the court. Within six months of the publication of the first instance decision, Axpo Solutions Group has the possibility to appeal. At present, Axpo Solutios Group's management is evaluating the different options.
Axpo Solutions Group is involved in several other legal disputes related to its ordinary business activities.

33 Events after the balance sheet date

There are no events after the balance sheet date which have to be disclosed.

34 Investments

	Domicile	Balance sheet date	Currency	Registered capital in million	Share of votes in %	Share of capital in %	Purpose
Group companies							
Axpo Albania sh.a.	Tirana (AL)	31.12.	ALL	19.235	100.0	100.0	H
Axpo Austria GmbH	Vienna (AT)	30.09.	EUR	0.035	100.0	100.0	H
Axpo Benelux SA	Brussels (BE)	30.09.	EUR	0.500	100.0	100.0	H
Axpo BH d.o.o.	Sarajevo (BA)	31.12.	BAM	1.000	100.0	100.0	H
Axpo Bulgaria EAD[3]	Sofia (BG)	31.12.	BGN	4.428	100.0	100.0	D
Axpo CKW France SAS	Paris (FR)	30.09.	EUR	26.380	60.0	60.0	D
Axpo d.o.o. Beograd	Belgrade (RS)	30.09.	RSD	49.292	100.0	100.0	H
Axpo Deutschland GmbH	Leipzig (DE)	30.09.	EUR	3.500	100.0	100.0	H
Axpo Energia Portugal, Unipessoal LDA	Lisbon (PT)	30.09.	EUR	0.050	100.0	100.0	H
Axpo Energy Romania S.A.	Bucharest (RO)	30.09.	RON	12.000	100.0	100.0	H
Axpo Energy Solutions Italia S.p.A.	Genoa (IT)	30.09.	EUR	2.000	100.0	100.0	H
Axpo France SAS	Lyon (FR)	30.09.	EUR	0.380	100.0	100.0	H
Axpo Finland Oy	Helsinki (FI)	30.09.	EUR	0.250	100.0	100.0	H
Axpo Gas Service Italia S.r.l.	Genoa (IT)	30.09.	EUR	0.100	100.0	100.0	H
Axpo Gen Hellas S.A.	Athens (GR)	30.09.	EUR	0.830	100.0	100.0	I
Axpo Hungary Kft.[2]	Budapest (HU)	30.09.	HUF	3.000	100.0	100.0	H
Axpo Iberia S.L.	Madrid (ES)	30.09.	EUR	0.501	100.0	100.0	H
Axpo International SA	Luxembourg (LU)	30.09.	EUR	3.792	100.0	100.0	D
Axpo Italia S.p.A.	Genoa (IT)	30.09.	EUR	3.000	100.0	100.0	H
Axpo Kosovo L.L.C.	Pristina (KOS)	31.12.	EUR	0.050	100.0	100.0	H
Axpo MK dooel Skopje	Skopje (MK)	31.12.	MKD	6.140	100.0	100.0	H
Axpo Netherlands BV	Amsterdam (NL)	30.09.	EUR	0.100	100.0	100.0	H
Axpo New Energy GmbH	Düsseldorf (DE)	30.09.	EUR	0.025	100.0	100.0	H
Axpo Nordic AS	Oslo (NO)	30.09.	NOK	58.000	100.0	100.0	H
Axpo Polska Sp.z.o.o.	Warsaw (PL)	30.09.	PLN	1.250	100.0	100.0	H
Axpo Renewable Germany GmbH	Leipzig (DE)	30.09.	EUR	0.025	100.0	100.0	S
Axpo Servizi Produzione Italia S.p.A.	Genoa (IT)	30.09.	EUR	0.300	100.0	100.0	D
Axpo Slovensko, s.r.o.	Bratislava (SK)	30.09.	EUR	0.100	100.0	100.0	H
Axpo Sverige AB	Malmö (SE)	30.09.	SEK	52.000	100.0	100.0	H
Axpo Trgovina d.o.o.	Zagreb (HR)	30.09.	HRK	0.750	100.0	100.0	H
Axpo Tunisia S.L.	Tunis (TN)	30.09.	TND	0.150	100.0	100.0	H
Axpo Turkey Enerji A.S.	Istanbul (TR)	30.09.	TRY	13.900	100.0	100.0	H
Axpo UK Limited	London (GB)	30.09.	GBP	9.500	100.0	100.0	H
Axpo UK Trading Limited	London (GB)	30.09.	GBP	0.150	100.0	100.0	H
Axpo U.S. LLC	Wilmington DE (US)	30.09.	USD	44.000	100.0	100.0	H
Albula-Landwasser Kraftwerke AG	Filisur (CH)	30.09.	CHF	22.000	75.0	75.0	P
Calenia Energia S.p.A.	Genoa (IT)	30.09.	EUR	0.100	85.0	85.0	P
Consorzio Energie Rinnovabili	Napels (IT)	30.09.	EUR	0.020	49.0	49.0	P
Energia de la Zarza S.L.	Madrid (ES)	30.09.	EUR	0.103	100.0	100.0	I
Frea Axpo EOOD	Sofia (BG)	31.12.	BGN	8.200	100.0	100.0	H
Limited Liability Company "AXPO Ukraine"[1]	Kiev (UA)	31.12.	UAH	29.450	100.0	100.0	H
Parc éolien de St Riquier 2 SAS	Strasbourg (FR)	30.09.	EUR	0.233	100.0	100.0	P
Parc éolien Plaine Dynamique SAS	Strasbourg (FR)	30.09.	EUR	0.015	100.0	100.0	P
Rizziconi Energia S.p.A.	Genoa (IT)	30.09.	EUR	0.500	100.0	100.0	P
WinBis S.r.l.	Genoa (IT)	30.09.	EUR	0.120	100.0	100.0	P

D = Services / H = Trading and supply / I = Project companies / E = Energy transmission / P = Production / S = Other

1 Company formation.

2 In liquidation.

3 Formerly Axpo Bulgaria Services EAD.

	Domicile	Balance sheet date	Currency	Registered capital in million	Share of votes in	Share of capital in %	Purpose
Group companies							
Volkswind GmbH	Ganderkesee (DE)	30.09.	EUR	0.026	100.0	100.0	D
Achte Volkswind GmbH & Co. KG	Ganderkesee (DE)	30.09.	EUR	0.005	100.0	100.0	P
Dritte Volkswind GmbH & Co. KG	Ganderkesee (DE)	30.09.	EUR	0.480[1]	100.0	100.0	P
Erste Volkswind GmbH & Co. KG	Ganderkesee (DE)	30.09.	EUR	0.300	100.0	100.0	P
Ferme éolienne d’Antezant la Chappelle SAS[2]	Strasbourg (FR)	30.09.	EUR	0.020	100.0	100.0	I
Ferme éolienne d’Arcy-Précy SAS	Strasbourg (FR)	30.09.	EUR	0.020	100.0	100.0	I
Ferme éolienne d’Availles Thouarsais-Irais SAS	Strasbourg (FR)	30.09.	EUR	0.020	100.0	100.0	P
Ferme éolienne de Benet SAS	Strasbourg (FR)	30.09.	EUR	0.037	100.0	100.0	P
Ferme éolienne des Buissons SAS	Strasbourg (FR)	30.09.	EUR	0.020	100.0	100.0	P
Ferme éolienne de la Chapelle Laurent SAS	Strasbourg (FR)	30.09.	EUR	0.037	100.0	100.0	P
Ferme éolienne de la Grande Pièce SAS	Strasbourg (FR)	30.09.	EUR	0.037	100.0	100.0	P
Ferme éolienne de la Haute Epine SAS	Strasbourg (FR)	30.09.	EUR	0.037	100.0	100.0	P
Ferme éolienne de Leigné Les Bois SAS	Strasbourg (FR)	30.09.	EUR	0.037	100.0	100.0	I
Ferme éolienne de Lusseray-Paizay le Tort SAS	Strasbourg (FR)	30.09.	EUR	0.020	100.0	100.0	P
Ferme éolienne de Quesnoy-sur-Airaines 3 SAS	Strasbourg (FR)	31.12.	EUR	0.037	60.0	60.0	P
Ferme éolienne des Hauts Prés SAS	Strasbourg (FR)	30.09.	EUR	0.037	100.0	100.0	I
Ferme éolienne du Mont de Trême SAS	Strasbourg (FR)	30.09.	EUR	0.020	100.0	100.0	I
Ferme éolienne du Val de Noye 1 SAS	Strasbourg (FR)	30.09.	EUR	0.037	100.0	100.0	P
Ferme éolienne du Val de Noye 2 SAS	Strasbourg (FR)	30.09.	EUR	0.037	100.0	100.0	P
Le Champ Eolien de Saint Martin SAS	Strasbourg (FR)	30.09.	EUR	0.037	100.0	100.0	P
Natur-Energie GmbH & Co. Wehrbleck I KG	Ganderkesee (DE)	30.09.	EUR	0.038[3]	100.0	100.0	P
PBS Gesellschaft zur Nutzung regenerativer Energie mbH & Co. KG	Coesfeld (DE)	31.12.	EUR	0.090	66.7	66.7	P
PBS Verwaltungsgesellschaft zur Nutzung regenerativer Energie mbH	Coesfeld (DE)	31.12.	EUR	0.025[4]	66.7	66.7	S
Siebte Volkswind GmbH & Co. KG	Ganderkesee (DE)	30.09.	EUR	0.600	100.0	100.0	P
Vierte Volkswind GmbH & Co. KG	Prinzhöfte (DE)	30.09.	EUR	0.100	100.0	100.0	P
Volkswind Construction SARL	Strasbourg (FR)	30.09.	EUR	0.002	100.0	100.0	D
Volkswind Foncier SARL	Strasbourg (FR)	30.09.	EUR	0.002	100.0	100.0	S
Volkswind France SAS	Paris (FR)	30.09.	EUR	0.250	100.0	100.0	D
Volkswind GmbH & Co. Harlingerode KG	Ganderkesee (DE)	30.09.	EUR	0.317	100.0	100.0	P
Volkswind GmbH & Co. Wehrbleck KG[6]	Ganderkesee (DE)	30.09.	EUR	0.005	100.0	100.0	P
Volkswind Immenrode GmbH	Ganderkesee (DE)	30.09.	EUR	0.025	100.0	100.0	P
Volkswind NT GmbH	Ganderkesee (DE)	30.09.	EUR	0.026	100.0	100.0	S
Volkswind Service GmbH	Ganderkesee (DE)	30.09.	EUR	0.250	100.0	100.0	D
Volkswind Service France SAS	Strasbourg (FR)	30.09.	EUR	0.050	100.0	100.0	D
Volkswind Winnigstedt GmbH	Ganderkesee (DE)	30.09.	EUR	0.025	100.0	100.0	P
Wind Triangel GmbH & Co. Gevensleben KG	Ganderkesee (DE)	30.09.	EUR	0.150[5]	100.0	100.0	P
Windkraft Domnitz GmbH	Egeln (DE)	30.09.	EUR	0.025	75.0	75.0	P
Zweite Volkswind GmbH & Co. KG	Prinzhöfte (DE)	30.09.	EUR	0.500	100.0	100.0	P

D = Services / H = Trading and supply / I = Project companies / E = Energy transmission / P = Production / S = Other
1 Paid in EUR 0.400 million.
2 Due to project development, scope of consolidation changed from equity method to consolidated company.
3 Paid in EUR 0.008 million.
4 Paid in EUR 0.013 million.
5 Paid in EUR 0.000 million.
6 Company formation.

	Domicile	Balance sheet date	Currency	Registered capital in million	Share of capital in %	Share of votes in %	Purpose
Significant associated companies (partner plants)							
AKEB Aktiengesellschaft für Kernenergie-Beteiligungen Luzern	Lucerne (CH)	31.12.	CHF	90.000	26.4	31.0	P
ENAG Energiefinanzierungs AG	Schwyz (CH)	31.12.	CHF	100.000	33.2	50.1	P
Engadiner Kraftwerke AG	Zernez (CH)	30.09.	CHF	140.000	15.0	15.0	P
Etrans AG	Laufenburg (CH)	31.12.	CHF	7.500	13.2	13.2	E
Kernkraftwerk Gösgen-Däniken AG	Däniken (CH)	31.12.	CHF	350.000[1]	4.5	0.0	P
Kernkraftwerk Leibstadt AG	Leibstadt (CH)	31.12.	CHF	450.000	0.5	16.3	P
Kraftwerke Mattmark AG	Saas-Grund (CH)	30.09.	CHF	90.000	30.5	38.9	P
Forces Motrices de Mauvoisin SA	Sion (CH)	30.09.	CHF	100.000	29.3	29.3	P

D = Services / H = Trading and supply / I = Project companies / E = Energy transmission / P = Production / S = Other
1 Paid in CHF 290.000 million.

	Domicile	Balance sheet date	Currency	Registered capital in million	Share of capital in %	Share of votes in %	Purpose
Associated companies (other associates)							
Albula Netz AG	Filisur (CH)	31.12.	CHF	1.700	45.0[2]	60.0	E
Alleanza Luce & Gas S.p.A.[1]	Villanova Di Castenaso (IT)	31.12.	EUR	5.000	5.0	5.0	D
Centrale Eolienne Canet - Pont de Salars SAS	Paris (FR)	31.12.	EUR	0.125	29.4[3]	49.0	P
Centrale Eolienne Gueltas Noyal-Pontivy SAS	Paris (FR)	31.12.	EUR	0.761	29.4[3]	49.0	P
Centrale Eolienne Patay SAS	Paris (FR)	31.12.	EUR	0.131	29.4[3]	49.0	P
Centrale Eolienne Saint Barnabé SAS	Paris (FR)	31.12.	EUR	0.096	29.4[3]	49.0	P
Centrale Eolienne Ségur SAS	Paris (FR)	31.12.	EUR	0.113	29.4[3]	49.0	P
Eolienne de Saugueuse S.à.r.l.	Paris (FR)	31.12.	EUR	0.001	29.4[3]	49.0	P
Ferme Eolienne de Chambon Puyravault SAS	Paris (FR)	31.12.	EUR	0.001	50.0	50.0	I
Ferme éolienne de Fontenay-Le-Comte et Xanton-Chassenon SAS	Strasbourg (FR)	31.12.	EUR	0.020	40.0	40.0	I
Gold Energy-Comercializadora de Energía, S.A.	Vila Real (PT)	31.12.	EUR	1.500	25.0	25.0	H
Global Tech I Offshore Wind GmbH	Hamburg (DE)	31.12.	EUR	1.000	24.1	24.1	P
Grischelectra AG	Chur (CH)	30.09.	CHF	1.000[4]	20.0	20.0	H
IEL Exploitation 28 Sarl	Saint Brieuc (FR)	31.12.	EUR	0.001	25.0	25.0	P
Parc Eolien des Vatines SAS	Paris (FR)	31.12.	EUR	0.841	29.4[3]	49.0	P
Parc Eolien du Clos Bataille SAS	Paris (FR)	31.12.	EUR	0.410	29.4[3]	49.0	P
Parc Eolien de Varimpré SAS	Paris (FR)	31.12.	EUR	0.037	29.4[3]	49.0	P
Parque Eólico la Peñuca S.L.	Ponferrada (ES)	31.12.	EUR	3.333	46.0	46.0	P
Società EniPower Ferrara S.r.l.	San Donato Milanese (IT)	31.12.	EUR	140.000	49.0	49.0	P
Sogesa SA	Le Chable (CH)	30.09.	CHF	2.000	30.0	30.0	H
Swissgrid AG	Aarau (CH)	31.12.	CHF	318.133	8.8	8.8	E
Terravent AG	Lucerne (CH)	30.09.	CHF	15.000	25.0	25.0	S
Trans Adriatic Pipeline AG	Baar (CH)	31.12.	CHF	1 054.210	5.0	5.0	I

D = Services / H = Trading and supply / I = Project companies / E = Energy transmission / P = Production / S = Other
1 Company acquired.
2 The direct share held by an entity of Axpo Solutions Group amounts to 60%. Axpo Solutions Group in turn owns 75% of the respective entity, resulting in a capital share of 45% at Group level.
3 The direct share held by an entity of Axpo Solutions Group amounts to 49%. Axpo Solutions Group in turn owns 60% of the respective entity, resulting in a capital share of 29.4% at Group level.
4 Paid in CHF 0.200 million.

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Statutory Auditor's Report to the General Meeting of

Axpo Solutions AG (formerly Axpo Trading AG), Baden

Report on the Audit of the Consolidated Financial Statements

Opinion
We have audited the consolidated financial statements of Axpo Solutions AG (formerly Axpo Trading AG) and its subsidiaries (the Group), as presented on pages 9 to 62, which comprise the consolidated balance sheet as at 30 September 2018 and the consolidated income statement, consolidated statement of comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the year then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion the accompanying consolidated financial statements give a true and fair view of the consolidated financial position of the Group as at 30 September 2018, and its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRS) and comply with Swiss law.

Basis for Opinion
We conducted our audit in accordance with Swiss law, International Standards on Auditing (ISAs) and Swiss Auditing Standards. Our responsibilities under those provisions and standards are further described in the Auditor's Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are independent of the Group in accordance with the provisions of Swiss law and the requirements of the Swiss audit profession, as well as the IESBA Code of Ethics for Professional Accountants, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other information in the Annual Report
The Board of Directors is responsible for the other information in the annual report. The other information comprises all information included in the annual report, but does not include the consolidated financial statements, the stand-alone financial statements of the company and our auditor's reports thereon.

Our opinion on the consolidated financial statements does not cover the other information in the annual report and we do not express any form of assurance conclusion thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information in the annual report and, in doing so, consider whether the other information is materially inconsistent with the consolidated financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

KPMG

Axpo Solutions AG (formerly Axpo Trading AG), Baden
Statutory Auditor's Report
on the Audit of the Consolidated Financial Statements
to the General Meeting

Responsibility of the Board of Directors for the Consolidated Financial Statements
The Board of Directors is responsible for the preparation of the consolidated financial statements that give a true and fair view in accordance with IFRS and the provisions of Swiss law, and for such internal control as the Board of Directors determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, the Board of Directors is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Board of Directors either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of the Consolidated Financial Statements
Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Swiss law, ISAs and Swiss Auditing Standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with Swiss law, ISAs and Swiss Auditing Standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

— Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

— Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.

— Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made.

— Conclude on the appropriateness of the Board of Directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.

Axpo Solutions AG (formerly Axpo Trading AG), Baden
Statutory Auditor's Report
on the Audit of the Consolidated Financial Statements
to the General Meeting

— Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

— Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the Group audit. We remain solely responsible for our audit opinion.

We communicate with the Board of Directors or its relevant committee regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Report on Other Legal and Regulatory Requirements

In accordance with article 728a para. 1 item 3 CO and Swiss Auditing Standard 890, we confirm that an internal control system exists, which has been designed for the preparation of consolidated financial statements according to the instructions of the Board of Directors.

We recommend that the consolidated financial statements submitted to you be approved.

KPMG AG

Pietro Di Fluri	Silvan Jurt
Licensed Audit Expert	*Licensed Audit Expert*
Auditor in Charge	

Basel, 10 December 2018

Income statement

CHF million	Notes	2017/18	2016/17
Revenue from sales of energy	3	1 333.8	1 862.1
Result from currency forward contracts	4	30.0	−174.0
Other operating income	5	44.3	45.1
Total income		**1 408.1**	**1 733.2**
Energy procurement and material expenses	6	−1 291.3	−2 033.7
Personnel expenses	7	−62.4	−66.9
Other operating expenses	8	−130.8	−141.0
Earnings before interest, tax, depreciation and amortisation (EBITDA)		**−76.4**	**−508.4**
Depreciation, amortisation and impairments	9	−8.3	106.9
Earnings before interest and tax (EBIT)		**−84.7**	**−401.5**
Financial income		100.0	235.1
Financial expense		−97.2	−13.1
Financial result	10	**2.8**	**222.0**
Extraordinary, non-recurring or off-period income	11	5.4	37.4
Direct taxes		0.0	−2.4
Net loss for the year		**−76.5**	**−144.5**

Balance sheet

CHF million	Notes	30.9.2018	30.9.2017
Assets			
Cash and cash equivalents		92.3	55.5
Trade receivables	12	271.0	333.4
Current financial receivables	13	1 335.5	961.4
Current derivative financial instruments	14	1 755.7	966.8
Other receivables	15	318.7	298.4
Inventories	16	216.1	243.8
Accrued income and prepaid expenses	17	722.8	565.7
Total current assets		**4 712.1**	**3 425.0**
Non-current financial loans	18	385.5	375.1
Non-current derivative financial instruments	19	1 727.8	916.7
Other non-current financial assets	20	18.1	14.3
Investments		1 868.3	1 857.8
Land and buildings		0.0	2.5
Other property, plant and equipment		0.1	0.1
Intangible assets	21	2.5	2.5
Total non-current assets		**4 002.3**	**3 169.0**
Total assets		**8 714.4**	**6 594.0**
Liabilities			
Trade payables	22	156.8	217.2
Current interest-bearing liabilities	23	465.0	255.3
Current derivative financial instruments	24	1 964.6	1 042.0
Other current liabilities	25	478.7	194.6
Accrued expenses and deferred income	26	715.8	572.4
Current provisions		132.2	79.9
Total current liabilities		**3 913.1**	**2 361.4**
Non-current derivative financial instruments	27	1 862.5	1 159.4
Non-current liabilities	28	53.9	65.2
Non-current provisions		1 280.2	1 326.8
Total non-current liabilities		**3 196.6**	**2 551.4**
Total liabilities		**7 109.7**	**4 912.8**
Share capital	29	1 567.0	1 567.0
General legal retained earnings		66.0	66.0
Loss / Profit carried forward		–28.3	48.2
Total equity		**1 604.7**	**1 681.2**
Total equity and liabilities		**8 714.4**	**6 594.0**

Notes to the financial statements

1 General information

Axpo Solutions AG (former Axpo Trading AG) is a public limited company incorporated under Swiss law with its registered office in Baden.
The average number of employees in the reporting period was 253.7 full-time equivalents, in the previous year the average number was 254.0.

2 Accounting principles

The annual financial statements were prepared in accordance with the provisions of Swiss law on commercial accounting and financial reporting (32nd title of the Swiss Code of Obligations). The Board of Directors of Axpo Solutions AG approved the financial statements on 10 December 2018 and they are subject to the approval of the Annual General Meeting on 11 January 2019.

Foreign currency translation
Transactions in foreign currencies are translated at the exchange rate at the time of the transaction or at an exchange rate that corresponds to the transaction price approximating that rate. For translation of the financial figures in Swiss francs, the following rates were applied:

Currency / Unit

	30.9.2018	30.9.2017
EUR / 1	1.1316	1.1457
USD / 1	0.9775	0.9704
GBP / 1	1.2753	1.2993
CZK / 100	4.3978	4.4098
PLN / 100	26.4553	26.6182
HUF / 100	0.3489	0.3688

Transactions with shareholders, investments and group companies
Under "Shareholders", direct and indirect shareholders up to and including shareholders of Axpo Holding AG are reported. "Investments and group companies" includes all fully consolidated subsidiaries and equity-accounted associates of Axpo Holding AG, less shareholders.

Cash pool
Axpo Solutions AG participates in a CHF and EUR cash pool (zero balancing) of Axpo Holding AG and a EUR cash pool of Axpo International SA. The receivables or payables of Axpo Solutions AG are transmitted to the account of Axpo Holding AG and Axpo International SA daily. The balance is reported under current financial receivables/liabilities.

Revenue recognition
Revenue is recognised in the income statement upon delivery of goods or rendering of services to the customer or on the date on which the significant risks and rewards related to the sale are transferred to the purchaser. Revenue is presented based on energy sales effectively invoiced and revenue accrued during the reporting period. In general, sales are reported net after deduction of value added tax and trade discounts.
Revenues and costs related to the customer solution business as well as energy trades, which are measured at fair value, are presented net in revenue from sales of energy.

Trade receivables
Trade receivables are recorded at their nominal value, less appropriate bad debt allowances.

Inventories
Certificates and gas inventories allocated to the customer solution business or for trading purposes are principally acquired for resale in the near term with a view to generating a profit from fluctuations in price or dealer's margin. These are measured at fair value less costs to sell.
Inventories held in relation with the own production energy and the retail business include materials, certificates and inventories of other energy sources. These inventories are measured at the lower of cost or net realisable value.

Derivative financial instruments (replacement values)
The finance and energy derivatives at year-end closing are measured at fair value on the balance sheet date. The positive and negative derivative financial instruments are recognised in the corresponding balance sheet items.
Net settled contracts that have a purely speculative intention are presented as current, independent of their contract term. Contracts which are entered into with the intention of physical delivery and which have a term to maturity of more than twelve months are presented as non-current.

Property, plant and equipment
Property, plant and equipment are recognised in the balance sheet at acquisition cost less accumulated depreciation and impairment losses. Property, plant and equipment are depreciated using the straight-line method over the estimated useful life of the asset. The estimated useful lives are reviewed annually and are within the following ranges:

Land and assets under construction	only in the case of impairment
Buildings	10–50 years
Other property, plant and equipment	3–15 years

Intangible assets
Intangible assets include usage rights, energy procurement rights and other intangible assets. They are recognised in the balance sheet at acquisition cost less accumulated amortisation and impairment losses. Intangible assets are amortised using the straight-line method over the estimated useful life of the asset.

Investments in subsidiaries and associates
Investments in subsidiaries and associates are recorded in the balance sheet at cost, subject to any necessary value adjustments required.

Financial assets
Loan receivables are recognised at their nominal value, less any impairments.

Liabilities
Trade payables, other current liabilities and non-current loans are recognised at nominal value.

Provisions
Provisions are recognised at the expected cash outflow. Where the effect is significant, the present value of the expected cash outflow is used for recognition. With regard to long-term energy procurement obligations arising from onerous contracts, identifiable losses are provided for, taking into account market price trends and future procurement costs. Due to the legal obligation of shareholders to pay a pro-rata share of the annual costs, an investment in a partner plant may result in a provision for an onerous energy procurement contract instead of an asset for the energy purchase right. Due to the existing obligation to buy energy from power plants from some subsidiaries at production cost, a provision for an onerous energy procurement contract is recognised in case the impairment test of the plants reveals an impairment loss.

Waiver of cash flow statement and additional information in the notes
As Axpo Solutions Group has prepared its consolidated financial statements in accordance with a recognised accounting standard (IFRS), in accordance with the law, Axpo Solutions AG has dispensed with the presentation of additional information on interest-bearing liabilities and audit fees in the notes as well as a cash flow statement.

Hidden reserves
To ensure the long-term growth of the company, the option is used to create and release hidden reserves.

3 Revenue from sales of energy

CHF million	2017/18	2016/17
Third parties	437.2	899.0
Shareholders	123.1	183.8
Investments and group companies	773.5	779.3
Total	**1 333.8**	**1 862.1**

4 Result from currency forward contracts

CHF million	2017/18	2016/17
Third parties	–0.6	–0.3
Shareholders	30.2	–174.4
Investments and group companies	0.4	0.7
Total	**30.0**	**–174.0**

5 Other operating income

CHF million	2017/18	2016/17
Third parties	–0.4	0.4
Investments and group companies	44.7	44.7
Total	**44.3**	**45.1**

6 Energy procurement and material expenses

CHF million	2017/18	2016/17
Third parties	337.7	1 038.4
Shareholders	6.1	10.2
Investments and group companies	947.5	985.1
Total	**1 291.3**	**2 033.7**

7 Personnel expenses

CHF million	2017/18	2016/17
Salaries and wages	52.2	55.6
Social security expenses	4.0	4.9
Pension fund expenses	5.0	4.8
Other personnel expenses	1.2	1.6
Total	**62.4**	**66.9**

8 Other operating expenses

CHF million	2017/18	2016/17
Third parties	32.7	36.7
Shareholders	2.3	10.8
Investments and group companies	95.8	93.5
Total	**130.8**	**141.0**

Other operating expenses contain capital and property tax expenses in the amount of CHF 2.6 million (previous year: CHF 2.5 million release).

9 Depreciation, amortisation and impairments

This position contains, among other things, in the previous year an impairment reversal on investments of CHF 121.6 million.

10 Financial result

CHF million	2017/18	2016/17
Interest income		
Third parties	6.0	0.1
Investments and group companies	8.6	5.4
Dividend income		
Investments and group companies	73.4	193.5
Net exchange rate gains	0.0	26.1
Other financial income		
Investments and group companies	12.0	10.0
Total financial income	**100.0**	**235.1**
Interest expense		
Third parties	–55.8	–5.1
Shareholders	–2.8	–0.4
Investments and group companies	–14.5	0.0
Net exchange rate gains (losses)	–17.8	0.0
Other financial expense		
Third parties	–2.4	–5.8
Shareholders	–3.8	–1.5
Investments and group companies	–0.1	–0.3
Total financial expense	**–97.2**	**–13.1**
Total financial result	**2.8**	**222.0**

11 Extraordinary, non-recurring or off-period income

In the current financial year, the extraordinary income includes an expropriation compensation from Swissgrid AG of CHF 5.4 million (previous year: CHF 31.8 million). In the previous year, there was an income from the sale of investments of CHF 5.6 million.

12 Trade receivables

CHF million	30.9.2018	30.9.2017
Third parties	145.6	224.7
Shareholders	1.5	0.0
Investments and group companies	123.9	108.7
Total	**271.0**	**333.4**

Allowances for bad debts amount to CHF 1.9 million (previous year: CHF 3.0 million).

13 Current financial receivables

CHF million	30.9.2018	30.9.2017
Third parties	8.5	7.4
Shareholders	1 299.3	953.9
Investments and group companies	27.7	0.1
Total	**1 335.5**	**961.4**

14 Current derivative financial instruments (positive replacement values)

CHF million	30.9.2018	30.9.2017
Third parties	1 350.7	649.8
Shareholders	80.9	104.2
Investments and group companies	324.1	212.8
Total	**1 755.7**	**966.8**

This position contains contracts (options, forwards and swaps) from energy trading and foreign exchange forward contracts.

15 Other receivables

CHF million	30.9.2018	30.9.2017
Third parties	318.4	297.8
Investments and group companies	0.3	0.6
Total	**318.7**	**298.4**

This position contains, among other things, assets held for sales in the amount of CHF 1.2 million.

16 Inventories

CHF million	30.9.2018	30.9.2017
Inventories at fair value	216.0	243.6
Inventories at lowest value principle	0.1	0.2
Total	**216.1**	**243.8**

This position includes certificates and gas inventories.

17 Accrued income and prepaid expenses

CHF million	30.9.2018	30.9.2017
Third parties	544.5	446.2
Shareholders	7.6	11.1
Investments and group companies	170.7	108.4
Total	**722.8**	**565.7**

Trade receivables from customers who are simultaneously suppliers are offset against trade payables, provided a netting arrangement has been agreed. The offset receivables and payables included in accrued income and prepaid expenses and accrued expenses and deferred income amount to CHF 1,758.9 million (previous year: CHF 1,618.7 million; see Note 26).

18 Non-current financial loans

CHF million	30.9.2018	30.9.2017
Third parties	0.0	0.1
Investments and group companies	385.5	375.0
Total	**385.5**	**375.1**

This position includes loans granted with a term to maturity of more than twelve months.

19 Non-current derivative financial instruments (positive replacement values)

CHF million	30.9.2018	30.9.2017
Third parties	1 363.9	466.0
Shareholders	69.1	73.7
Investments and group companies	294.8	377.0
Total	**1 727.8**	**916.7**

20 Other non-current financial assets

CHF million	30.9.2018	30.9.2017
Third parties	10.4	6.8
Investments and group companies	7.7	7.5
Total	**18.1**	**14.3**

21 Intangible assets

Intangible assets contain rights of use for foreign gas supply networks and capitalised costs for software applications.

22 Trade payables

CHF million	30.9.2018	30.9.2017
Third parties	67.3	112.8
Shareholders	1.7	2.2
Investments and group companies	87.8	102.2
Total	**156.8**	**217.2**

23 Current interest-bearing liabilities

CHF million	30.9.2018	30.9.2017
Third parties	0.4	0.0
Shareholders	449.6	133.1
Investments and group companies	15.0	122.2
Total	**465.0**	**255.3**

Current liabilities and cash pool positions with related parties and banks are recognised in the balance sheet as financial liabilities.

24 Current derivative financial instruments (negative replacement values)

CHF million	30.9.2018	30.9.2017
Third parties	1 537.3	600.7
Shareholders	123.1	233.8
Investments and group companies	304.2	207.5
Total	**1 964.6**	**1 042.0**

25 Other current liabilities

CHF million	30.9.2018	30.9.2017
Third parties	476.6	192.5
Investments and group companies	2.1	2.1
Total	**478.7**	**194.6**

26 Accrued expenses and deferred income

CHF million	30.9.2018	30.9.2017
Third parties	564.9	459.6
Shareholders	1.8	2.2
Investments and group companies	149.1	110.6
Total	**715.8**	**572.4**

Accrued expenses and deferred income mainly include payables that have not yet been charged and accruals for taxes as well as personnel-related accruals.
The offset receivables and payables included in accrued income and prepaid expenses and accrued expenses and deferred income amount to CHF 1,758.9 million (previous year: CHF 1,618.7 million; see Note 17).

27 Non-current derivative financial instruments (negative replacement values)

CHF million	30.9.2018	30.9.2017
Third parties	1 327.0	571.9
Shareholders	78.7	158.0
Investments and group companies	456.8	429.5
Total	**1 862.5**	**1 159.4**

28 Non-current liabilities

CHF million	30.9.2018	30.9.2017
Third parties	45.3	56.2
Investments and group companies	8.6	9.0
Total	**53.9**	**65.2**

This position includes advance payments totalling CHF 6.9 million (previous year: CHF 10.0 million) and accrued day-one profits of CHF 47.0 million (previous year: CHF 55.2 million) resulting from long-term contracts, whose valuation is partly based on non-observable input data.

29 Share capital

In the previous financial year, the share capital of Axpo Solutions AG was increased by CHF 455.0 million. The share capital is divided into 31,340,000 bearer shares issued with a nominal value of CHF 50 per share. Axpo Holding AG, Baden, is the sole shareholder.

30 Investments in partner plants and other associates

Note 34 “Investments” of the consolidated financial statements sets out the details of Axpo Solutions Group’s direct or indirect equity interests in subsidiaries and associates.

31 Liabilities to pension funds

CHF million	30.9.2018	30.9.2017
Liabilities to pension funds	0.5	0.0
Total	**0.5**	**0.0**

32 Pledged assets

CHF million	30.9.2018	30.9.2017
Pledged cash and cash equivalent	106.5	57.4
Total	**106.5**	**57.4**

33 Contingent assets

With the entry into force of the new Energy Act, contingent assets in the amount of CHF 6.8 million exist in the form of market premium for not covered generation costs (see Note 32 "Other contingent liabilities, contingent assets and legal disputes", consolidated financial statements of Axpo Solutions Group).

34 Contingent liabilities

CHF million	30.9.2018	30.9.2017
Guarantees	819.2	625.8
Liabilities to capital payments	105.4	140.1
Total	**924.6**	**765.9**

35 Leasing

CHF million	30.9.2018	30.9.2017
Up to 1 year	1.3	1.3
1 to 5 years	4.9	5.1
Total	**6.2**	**6.4**

This position contains off-balance-sheet liabilities from leasing transactions, similar to sales contracts, as well as unrecognised other leasing transactions.

Proposal for the appropriation of available earnings

CHF million	30.9.2018	30.9.2017
Result brought forward from previous year	48.2	192.7
Reported net loss	−76.5	−144.5
Total available earnings	**−28.3**	**48.2**
The Board of Directors proposes to the General Meeting the following appropriation:		
Loss / Profit carried forward	−28.3	48.2
Total	**−28.3**	**48.2**

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Report of the Statutory Auditor to the General Meeting of Shareholders of

Axpo Solutions AG (formerly Axpo Trading AG), Baden

Report of the Statutory Auditor on the Financial Statements

As statutory auditor, we have audited the financial statements of Axpo Solutions AG (formerly Axpo Trading AG), as presented on pages 66 to 76, which comprise the balance sheet, income statement and notes for the year ended 30 September 2018.

Board of Directors' Responsibility
The board of directors is responsible for the preparation of the financial statements in accordance with the requirements of Swiss law and the company's articles of incorporation. This responsibility includes designing, implementing and maintaining an internal control system relevant to the preparation of financial statements that are free from material misstatement, whether due to fraud or error. The board of directors is further responsible for selecting and applying appropriate accounting policies and making accounting estimates that are reasonable in the circumstances.

Auditor's Responsibility
Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Swiss law and Swiss Auditing Standards. Those standards require that we plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers the internal control system relevant to the entity's preparation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control system. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of accounting estimates made, as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion
In our opinion, the financial statements for the year ended 30 September 2018 comply with Swiss law and the company's articles of incorporation.

KPMG

Axpo Solutions AG (formerly Axpo Trading AG), Baden
Report of the Statutory Auditor
on the Financial Statements
to the General Meeting of Shareholders

Report on Other Legal Requirements

We confirm that we meet the legal requirements on licensing according to the Auditor Oversight Act (AOA) and independence (article 728 CO and article 11 AOA) and that there are no circumstances incompatible with our independence.

In accordance with article 728a paragraph 1 item 3 CO and Swiss Auditing Standard 890, we confirm that an internal control system exists, which has been designed for the preparation of financial statements according to the instructions of the board of directors.

We recommend that the financial statements submitted to you be approved.

KPMG AG

Pietro Di Fluri	Silvan Jurt
Licensed Audit Expert	*Licensed Audit Expert*
Auditor in Charge	

Basel, 10 December 2018

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All statements in this report that are not based on historical facts are forward-looking statements. Such statements do not provide any guarantee regarding future performance. Such forward-looking statements naturally involve risks and uncertainties regarding future global economic conditions, exchange rates, legal provisions, market conditions, activities of competitors and other factors that are outside Axpo's control. Actual developments and results could deviate substantially from the statements contained in this document. Apart from its statutory obligations, Axpo Solutions AG does not accept any obligation to update forward-looking statements.

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