

Country by country report

Hydro's country by country report has been developed to comply with legal requirements as stated in the Norwegian Accounting Act §3-3d and the Norwegian Security Trading Act §5-5a, valid from 2014, and updated in 2017, and replaces our former reporting on payments to host governments according to the Extractive Industries Transparency Initiative (EITI). Our reporting includes, and goes beyond, the EITI requirements. According to the Norwegian Accounting Act, the country-by-country reporting should be on a project level, and payments should be reported per public authority. Following a thorough evaluation, we have defined "project" as legal entity in the report, and "public authority" as the three levels federal; state(s); and municipality(-ies).

The reporting requirement applies to Hydro as a Norwegian listed company with exploration and extractive activities. Currently, this includes Hydro's consolidated operations in Brazil, through exploration and extractive activities in Paragominas, in the state of Pará. On a voluntary basis, and in line with our EITI reporting since 2005, we also include the alumina refinery Alunorte. Alumina is refined from bauxite and is the commercial product from Hydro's Bauxite & Alumina business area.

Hydro's primary aluminium production facility Albras is also closely linked to the extraction of raw materials in Pará. In order to better illustrate the tax contribution from Hydro's aluminium value chain in Pará, Albras is included on a voluntary basis in the country-by-country report. In addition, Hydro voluntarily report on indirect tax contributions not covered by the requirements in the country by country report.

To comply with the Norwegian country-by-country regulation, Hydro is required to report on certain information at corporate level related to legal entities, where they are registered, number of employees, and interest paid to other legal entities in Hydro within another jurisdiction. From 2017, it is also required to give a short description of each legal entity's activities, revenue, income before tax, tax accrued and paid in the reporting year, and accumulated earnings.

The Country-by-country report is approved by the board of directors and included in their responsibility statement on page F86.

Payments to authorities per project and authority (exploration and extractive activities, alumina refining and aluminium production) in 2017

Extractive related activities (all in Brazil) 1)	Taxes and fees 2)	Royalties	License fees 3)	Infrastructure, contractual 4)	Infrastructure, voluntary 4)	Investments	Revenue 5)	Production volume	Total expenses 5) 6)
	NOK million	NOK million	NOK million	NOK million	NOK million	NOK million	NOK million	1 000 mt	NOK million
Mineracao Paragominas SA, total	152	89	1	1	1	996	3 022	11 435	2 382
Federal	74	11	1						
Pará State	78	21	-						
Paragominas municipality	-	58	-						
Norsk Hydro Brasil Ltda, total	17	-	-	1	4	30	5	-	41
Federal	17	-	-						
Rio de Janeiro State	-	-	-						
São Paulo Municipality	-	-	-						
Alunorte - Alumina do Norte do Brasil SA, total	39	-	-	-	2	608	14 342	6 397	14 604
Federal	30	-	-						
Pará State	9	-	-						
Barcarena Municipality	-	-	-						
Albras - Alumínio Brasileiro SA, total	207	-	-	-	1	420	7 802	398	6 900
Federal	205	-	-						
Pará State	2	-	-						
Barcarena Municipality	-	-	-						
Total 7)	415	89	1	2	8				

1) In 2017, Hydro's extractive activities did not have the following types of payments to host authorities:

- production entitlements
- dividends
- signature, findings and production bonuses
- stocks, shares or other ownership rights

2) Taxes and fees (income, profit and production) except taxes and fees on consumption such as VAT, withholding taxes on behalf of employees, sales tax.

3) License, lease or access fees or other payments for licenses or commissions

4) Payments on improved infrastructure, either contractual based on exploration or operational licenses, or voluntary is based on Hydro's reporting on social investments, please see note S9 to the social statements in Hydro's Annual Report 2017.

5) Including power procurement and sales

6) Costs at Alunorte include purchase of bauxite from Paragominas. Costs at Albras include purchase of alumina from Alunorte.

7) Only figures where a total is presented can be consolidated.

Other tax contributions to authorities in Brazil

The Brazilian tax system is complex and volatile. In addition to the direct taxes reported above on income, profit and production, Brazil has several indirect taxes levied at the federal and state levels, and other taxes levied at the municipal level.

For Hydro, there are three relevant indirect tax mechanisms not covered by the country-by-country requirements, i.e ICMS and PIS/COFINS.

ICMS is a Brazilian state tax on the sale of goods, freight and certain services, similar to VAT. ICMS is intended to be a non-cumulative tax, which means that sales are generating ICMS debits with the seller, and purchases are generating ICMS credits with the buyer. However, as export transactions are exempt from ICMS and not generating ICMS debits, exporters accumulate ICMS credits, which cannot be offset with any other taxes. Since ICMS is an indirect tax, the net ICMS effect is reported as a cost in Hydro's financial accounts, instead of as a tax item.

In the state of Pará, Hydro is subject to a tax regime that aims at preventing the accumulation of ICMS recognized credits, and reduces net payable ICMS. From our operations, we generate ICMS tax revenue to Pará when purchasing diesel and fuel oil, when Albras acquires electricity, and also on sales of products to customers located outside the state.

The ICMS regime Hydro is subject to requires Hydro to comply with certain conditions related to vertical integration of aluminium production in Pará. It also requires Hydro to contribute to the development in the region and enable sustainable growth in Pará.

PIS and COFINS are two social contribution taxes charged on gross income, in most cases at the rate of 9.25 percent. Hydro's group companies in Brazil are charged under a non-cumulative system that resembles VAT. Similar to ICMS, export transactions are not subject to this tax. As a result, Brazilian exporters, like Alunorte and Albras, accumulate credits that can be either reimbursed or offset against debts of other federal taxes.

In addition to the indirect taxes described above, Brazilian municipalities levies a property tax. The property tax, IPTU, is a tax levied on the ownership or possession of urban land and property located in the urban area within the municipality. IPTU is due yearly based on the value of the property, according to rates and conditions foreseen in each municipality's legislation.

The table below includes Hydro entities involved in extractive activities as well as other Hydro entities in the state of Pará.

Other taxes paid to authorities in Brazil*

Extractive related activities	ICMS	PIS	COFINS	IPTU	Total contribution
	NOK million	NOK million	NOK million	NOK million	NOK million
Mineracao Paragominas SA, total	37	-	-	-	37
Federal	-	-	-	-	-
Pará State	37	-	-	-	37
Paragominas municipality	-	-	-	-	-
Norsk Hydro Brasil Ltda, total	1	-	1	-	2
Federal	-	-	1	-	1
Rio de Janeiro State	1	-	-	-	1
São Paulo Municipality	-	-	-	-	-
Alunorte - Alumina do Norte do Brasil SA, total	657	-	-	38	696
Federal	-	-	-	-	-
Pará State	657	-	-	-	657
Barcarena Municipality	-	-	-	38	38
Albras - Alumínio Brasileiro SA, total	379	-	-	36	415
Federal	-	-	-	-	-
Pará State	379	-	-	-	379
Barcarena Municipality	-	-	-	36	36
Total	1 074	-	1	74	1149

*Tax off-sets are not included

Further country by country information for all consolidated legal entities

The Norwegian country by country reporting requirement as stated in the Norwegian Accounting Act and the Country by Country Regulation also require reporting on certain information at corporate level related to legal entities, as included in the table below.

Hydro's subsidiaries have both external revenue derived from sale to Hydro's end customers, and internal revenue derived from sale to other Hydro entities. In the table below both revenue streams are included per legal entity, but in Hydro's consolidated financial statements all internal transactions have been eliminated to arrive at Hydro's revenue. The sum of the different items for Hydro's subsidiaries will therefore not add up to the respective consolidated figures.

In order to present a Grand Total in the country by country report that is comparable to Hydro's consolidated financial statements, we have included all group eliminations as a separate line. These include, but are not limited to, eliminations of internal revenue and cost, internal receivables and payables, distributed profit such as dividends within the group, goodwill and excess values not attributable to individual legal entities, accumulated profits allocated to non-controlling interests and all joint operations and joint ventures.

Assets and liabilities in subsidiaries that have been acquired have been remeasured to fair value in Hydro's financial statements. This value adjustment, often referred to as excess value, represents the difference between the fair value of the company as paid by Hydro, and the carrying value of assets and liabilities as recognized by the subsidiary at the time of purchase. This premium is not reflected in the subsidiaries local statutory reporting. Due to this, figures reported in Hydro's country by country report are not necessarily comparable to the entities' local statutory reporting. Acquired entities are included from the date of acquisition. As a result of rounding adjustments, the figures in one or more of the columns in the table below may not add up to the total of that column.

The information is included in the independent auditors assurance report.

Further country by country information for all consolidated legal entities

Jurisdiction	Legal entity	Description of the entity's activity	Ownership 31.12	Number of permanent employees ¹⁾	Number of temporary employees ¹⁾	Interest paid to Hydro legal entities in another jurisdiction, NOK million	Revenue, NOK million ²⁾	Income before tax, NOK million ³⁾	Income taxes, NOK million ⁴⁾	Income taxes paid, NOK million ⁵⁾	Retained earnings, NOK million ⁶⁾
Argentina	Sapa Aluminium Argentina S. A.	Precision tubing production	100 %	130	-	-	72	5	2	2	51
Total Argentina				130	-	-	72	5	2	2	51
Australia	Hydro Aluminium Australia Pty. Limited	Local holding company	100 %	-	-	-					
	Hydro Aluminium Kurri Kurri Pty. Limited	Real estate	100 %	10	-	-	6	-264	-	-	-2 091
Total Australia				10	-	-	6	-264	-	-	-2 091
Austria	Hydro Building Systems Austria GmbH	Sales company	100 %	33	-	-	33	-3	-3	6	-12
	Hydro Components Nenzing GmbH	Extrusion component production	100 %	108	-	-	23	1	2	-	20

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	Hydro Extrusion Nenzing GmbH	Extrusion production	100 %	298	-	-	411	19	33	5	278
	Hydro Holding Austria GmbH	Local holding company	100 %	-	-	-	-	-11	-	12	76
Total Austria				439	-	-	467	5	31	22	363
Belgium	Hydro Alease NV	Support services	100 %	-	-	-	1	1	1	1	16
	Hydro Aluminium Belgium BVBA	Support services	100 %	-	-	-	-	-	-	-	-
	Hydro Building Systems Belgium N.V	Building systems production	100 %	215	2	-	118	7	1	1	-211
	Hydro Extrusion Licthervelde NV	Precision tubing production	100 %	180	-	-	370	19	23	-	297
	Hydro Extrusion Raeren S.A	Extrusion production	100 %	185	10	-	171	8	-9	-	189
	Norsk Hydro EU Sprl	Public affairs	100 %	3	-	-	5	-	-	-	-
	Sapa Building Systems International NV	<i>Liquidated in 2017</i>	-	-	-	-	-	-	-	-	-
	Sapa Extrusion EXPA S.A	Dies production	100 %	58	-	-	17	-11	-10	-	125
	Sapa Precision Tubing Lichterfelde NV	Precision tubing production	100 %	179	-	-	118	-1	-9	-	68
	Sapa Precision Tubing Seneffe S.A	<i>Entity is dormant</i>	100 %	-	-	-	-	-	-	-	10
Total Belgium				820	12	-	799	23	-3	1	494
Brazil	ALBRAS - Alumínio Brasileiro SA	Primary aluminium production	51 %	1 187	103	-	7 802	935	299	176	2 959
	ALUNORTE - Alumina do Norte do Brasil S. A. ⁷⁾	Alumina refinery	92.1 %	1 961	92	31	14 342	-437	-237	133	5 322
	Ananke Alumina SA	Local holding company	100 %	-	-	-	88	890	31	18	1 897
	Atlas Alumínio SA	Local holding company	100 %	-	-	-	201	482	53	78	446
	Calypso Alumina SA	Local holding company	100 %	-	-	-	-	-	-	-	-1
	CAP - Companhia de Alumina do Pará SA	Planned alumina refinery	81 %	-	-	-	-	-15	-	1	-429
	Mineração Paragominas SA	Bauxite mining	100 %	1 367	92	-	3 022	755	191	72	996
	Norsk Hydro Brasil Ltda.	Local holding company	100 %	333	40	-	12	34	17	17	-418
	Norsk Hydro Energia Ltda.	Power trading & Energy services	100 %	-	-	-	1 114	42	15	19	19
	Sapa Aluminium Brazil S.A	Precision tubing production	100 %	372	20	-	190	-9	1	-	13
Total Brazil				5 220	347	31	26 770	2 677	371	515	10 804

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Canada	Hydro Aluminium Canada & Co. Ltd.	Local holding company	100 %	3	-	-	1 996	8	27	60	931
	Hydro Aluminium Canada Inc.	Local holding company	100 %	-	-	-	1	1	-	-	24
	Sapa Canada Inc.	Extrusion production	100 %	540	-	1	611	7	21	23	490
Total Canada				543	-	1	2 608	16	48	84	1 446
China & Hong Kong	Hydro Aluminium Beijing Ltd.	Sales company	100 %	10	-	-	1 036	48	12	12	48
	Sapa (Shanghai) Management Co. Ltd	<i>Entity is dormant</i>	100 %	-	-	-	-	-	-	1	-16
	Sapa Asia Limited	<i>Entity is in liquidation</i>	100 %	-	-	-	-	-	-	-	-4
	Sapa Building Systems (Beijing) Co. Limited	Sales company	100 %	21	-	-	23	2	1	1	-67
	Sapa Extrusion (Jiangyin) Co. Ltd	<i>Entity is dormant</i>	100 %	-	-	-	-	-	-	-	-26
	Sapa Extrusion (Shanghai) Company Ltd	Precision tubing production	100 %	215	-	-	67	-1	-1	-	111
	Sapa Precision Tubing (Suzhou) Co. Ltd.	Precision tubing production	100 %	360	-	-	226	13	7	12	-41
	Sapa Precision Tubing Shanghai Ltd.	Precision tubing production	100 %	64	-	-	30	-1	-	-	15
Total China & Hong Kong				670	-	-	1 383	61	19	25	20
Czech Republic	Sapa Building System sro CZ	Sales company	100 %	-	-	-	2	-	-	-	1
Total Czech Republic				-	-	-	2	-	-	-	1
Denmark	Datoselskabet af 23. august 2016 A/S under frivillig likvidation	<i>Entity is in liquidation</i>	100 %	-	-	-	-	-	2	-	-
	Hydro Aluminium Rolled Products Denmark A/S	Sales company	100 %	2	-	-	4	1	-	-	5
	Hydro Extrusion Denmark A/S	Extrusion production	100 %	278	-	-	323	8	6	9	124
	Hydro Holding Denmark A/S	Local holding company	100 %	-	-	-	0	-3	-3	-1	1 427
	Hydro Precision Tubing Tønder A/S	Precision tubing production	100 %	449	-	-	355	30	24	19	474
Total Denmark				729	-	-	682	36	29	28	2 030
Estonia	Hydro Extrusion Estonia AS	Extrusion production	100 %	13	-	-	15	1	-	-	10
Total Estonia				13	-	-	15	1	-	-	10
Finland	Hydro Extrusion Finland Oy	Sales company	100 %	-	-	-	43	-1	-	1	13
Total Finland				-	-	-	43	-1	-	1	13
France	Extrusion Services S.a.r.l	Local holding company	100 %	40	1	-	595	19	4	1	150

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	Hydro Albi SNC	Extrusion production	100 %	22	-	-	-	-	-	-	-
	Hydro Aluminium France S.A. S.	Local holding company	100 %	10	-	-	14	3	1	2	5
	Hydro Aluminium Sales and Trading s.n.c.	Sales company	100 %	3	-	-	7	1	-	-	1
	Hydro Buildex	Extrusion production	100 %	99	7	-	134	14	13	4	87
	Hydro Building Systems France Sarl	Building systems production	100 %	676	27	-	592	17	36	-	285
	Hydro Building Systems Holding France SAS	Local holding company	100 %	-	-	-	-	119	6	-	873
	Hydro Extrusion Albi SAS	Administrative services	100 %	159	5	-	189	-8	-5	-1	125
	Hydro Extrusion Lucé/Châteauroux SAS	Extrusion production	100 %	336	4	-	233	-6	1	7	-204
	Hydro Extrusion Puget SAS	Extrusion production	100 %	285	-	-	186	1	1	1	-9
	Hydro France SAS	Local holding company	100 %	-	-	-	-	-	-	-	395
	Hydro Holding France SAS	Local holding company	100 %	-	-	-	-	197	-32	-67	167
	Hydro Laquage Albi SAS	Sales company	100 %	72	-	-	26	2	1	1	22
	Hydro Tool Center SAS	Tool and spare parts services	100 %	5	-	-	10	-	-	-	2
	Sapa Building Systems Puget SAS	Building systems production	100 %	122	-	-	149	-14	3	2	76
	Sapa Shared Services France I.T.C. s.n.c.	IT shared services	100 %	-	-	-	4	-	-	-	1
Total France				1 829	44	-	2 140	346	30	-50	1 975
Germany	Hydro Aluminium Deutschland GmbH	Local holding company	100 %	68	4	-	39	401	-129	333	4 868
	Hydro Aluminium Dormagen GmbH	Finishing	100 %	18	4	-	50	14	-	-	5
	Hydro Aluminium Gießerei Rackwitz GmbH	Remelter	100 %	59	5	-	907	48	1	-	29
	Hydro Aluminium High Purity GmbH	High-purity aluminium production	100 %	62	4	-	247	-18	4	-	69
	Hydro Aluminium Recycling Deutschland GmbH	Remelter	100 %	27	4	-	53	5	-	-5	80
	Hydro Aluminium Rolled Products GmbH	Local holding company	100 %	3 371	420	-	21 466	444	236	14	3 655
	Hydro Building Systems GmbH	Building systems production	100 %	86	7	-	287	-3	-2	-	122
	Hydro Energy GmbH	Energy sourcing	100 %	-	-	-	5	4	-	-	107

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Further country by country information for all consolidated legal entities

Jurisdiction	Legal entity	Description of the entity's activity	Ownership 31.12	Number of permanent employees ¹⁾	Number of temporary employees ¹⁾	Interest paid to Hydro legal entities in another jurisdiction, NOK million	Revenue, NOK million ²⁾	Income before tax, NOK million ³⁾	Income taxes, NOK million ⁴⁾	Income taxes paid, NOK million ⁵⁾	Retained earnings, NOK million ⁶⁾
Total Japan				7	-	-	229	18	7	5	51
Latvia	Hydro Extrusion Latvia SIA	Sales company	100 %	486	-	-	2	-	-	-	-6
Total Latvia				486	-	-	2	-	-	-	-6
Lithuania	Hydro Building Systems Lithuania	Sales company	100 %	-	-	-	21	-	1	1	8
	Hydro Extrusion Lithuania UAB	Extrusion production	100 %	-	-	-	49	2	-	-	24
Total Lithuania				-	-	-	70	2	1	1	32
Luxembourg	Hydro Aluminium Clervaux S. A.	Remelter	100 %	53	3	-	1 388	42	10	13	239
Total Luxembourg				53	3	-	1 388	42	10	13	239
Mexico	Monterrey Extrusion Services S DE R.L. DE	Precision tubing production	100 %	-	-	-	9	-	-	-	-2
	Sapa Precision Tubing Monterrey S. de R.L. de C.V.	Precision tubing production	100 %	131	-	-	20	-1	-1	-	109
	Sapa Precision Tubing Reynosa S. de R.L. de C.V.	Precision tubing production	100 %	206	-	-	20	-1	-	-	10
Total Mexico				337	-	-	49	-1	-	-	117
Mozambique	Sapa Building Systems Moçambique Lda	<i>Entity is dormant</i>	100 %	-	-	-	1	-	-	-	-
Total Mozambique				-	-	-	1	-	-	-	-
Netherlands	Fintuna Holding (Nederland) B. V.	Real estate	100 %	-	-	-	-	6	-	-	-20
	Hydro Albras B.V.	Local holding company	100 %	-	-	-	-	234	-	-	-10
	Hydro Aluminium Brasil Investment B.V.	Local holding company	100 %	-	-	-	-	546	-	-	894
	Hydro Aluminium Investment B.V.	Local holding company	100 %	-	-	-	-	-	-	-	-
	Hydro Aluminium Netherlands B.V.	Local holding company	100 %	-	-	-	-	522	-	-	256
	Hydro Aluminium Pará B.V.	Local holding company	100 %	-	-	-	-	-115	-	-	-115
	Hydro Aluminium Qatalum Holding B.V.	Local holding company	100 %	-	-	-	-	746	-	-	896
	Hydro Aluminium Rolled Products Benelux B.V.	Sales company	100 %	3	-	-	4	1	-	-	2
	Hydro Alunorte B.V.	Local holding company	100 %	-	-	-	-	813	-	-	-44
	Hydro Building Systems Netherlands B.V.	Building systems production	100 %	-	-	-	9	-	-	-	-7
	Hydro CAP B.V.	Local holding company	100 %	-	-	-	-	-369	-	-	-370

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	Hydro Extrusion Drunen B.V.	Extrusion production	100 %	477	32	-	361	4	-3	-	747
	Hydro Extrusion Hoogezand B.V.	Extrusion production	100 %	160	-	-	130	2	-	-	150
	Hydro Paragominas B.V.	Local holding company	100 %	-	-	-	-	-	-	-	7
	Norsk Hydro Holland B.V.	Local holding company	100 %	4	-	-	15	2 248	-	-	5 263
	Sapa Holdings (Nederland) B.V.	<i>Entity is dormant</i>	100 %	-	-	-	-	-	-	-	-
	Sapa Nederland B.V.	Local holding company	100 %	-	-	-	-	-51	-	-	60
Total Netherlands				644	32	-	518	4 586	-3	-	7 706
Norway	Herøya Nett AS	<i>Entity sold during 2017</i>	-	-	-	-	8	-4	-1	-	-
	Hycast AS	Remelter	100 %	52	1	-	298	14	3	-	111
	Hydro Aluminium AS	Primary aluminium production	100 %	2 336	414	-	47 069	9 388	1 300	452	19 079
	Hydro Aluminium Rolled Products AS	Rolling mill	100 %	649	38	-	4 277	52	12	-	695
	Hydro Energi AS	Power production	100 %	179	15	-	7 088	71	358	336	-505
	Hydro Extruded Solutions AS	Local holding company	100 %	145	3	-	-	428	78	1	2 293
	Hydro Extrusion Norway AS	Extrusion production	100 %	109	6	-	91	1	-7	-	51
	Hydro Invest Porsgrunn AS	Local holding company	100 %	-	-	-	-	2	-	-	-
	Hydro Kapitalforvaltning AS	Local holding company	100 %	4	-	-	10	-	-	-	-
	Hydro Vigelands Brug AS	High-purity aluminium production	100 %	32	4	-	80	10	2	-	66
	Hydro Vigelandsfoss AS	Power production	100 %	-	-	-	41	6	8	12	180
	Industriforsikring AS	Insurance	100 %	9	-	-	165	154	27	-	577
	Norsk Hydro ASA	Parent company	-	266	6	-	316	-491	-307	114	32 903
	Røldal-Suldal Kraft AS	Power production	91.3 %	-	-	-	486	343	208	123	124
	Svælgfos AS	Power trading	100 %	-	-	-	-	-	-	-	1
	Sør-Norge Aluminium AS	Primary aluminium production	100 %	250	134	-	2 299	96	34	-	668
	Vækerø Gård Barnehage ANS	Company kindergarden	100 %	-	-	-	-	-	-	-	-
Total Norway				4 031	621	-	62 230	10 070	1 714	1 039	56 240
Poland	Hydro Aluminium Rolled Products Polska Sp. zo.o.	Sales company	100 %	6	-	-	4	-	-	-	5

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	Sapa Aluminium Sp. zo.o	Extrusion production	100 %	1 073	10	-	479	22	17	2	522
	Sapa Building Systems Sp. zo.o.	Sales company	100 %	51	-	-	44	-1	-	-	-6
Total Poland				1 130	10	-	526	22	17	2	520
Portugal	Hydro Aluminium Extrusion Portugal HAEP, S.A.	Extrusion production	100 %	104	21	-	87	-1	-	-	125
	Hydro Building Systems Lda.	Sales company	100 %	14	-	-	23	2	2	-	34
	Naco Portugal SGPS Lda.	<i>Entity is dormant</i>	100 %	-	-	-	-	-	-	-	-94
	Sapa Portugal SA	Sales company	100 %	43	-	-	41	-1	5	-	-6
Total Portugal				161	21	-	150	-1	8	-	59
Romania	Hydro Extrusion S.R.L	Extrusion production	100 %	249	-	-	109	-6	-	-	-145
Total Romania				249	-	-	109	-6	-	-	-145
Russian Federation	OOO Sapa Building Systems	<i>Entity is in liquidation</i>	100 %	-	-	-	-	-	-	-	-
Total Russian Federation				-	-	-	-	-	-	-	-
Singapore	Hydro Aluminium Asia Pte. Ltd.	Trading company	100 %	16	-	-	7 935	104	10	9	555
	Hydro Aluminium Asia Rolled Products Private Limited	Sales company	100 %	2	-	-	3	1	-	-	4
	Hydro Holding Singapore Pte Ltd	Sales and local holding company	100 %	19	-	-	11	-	-	-	-394
Total Singapore				37	-	-	7 948	105	10	9	165
Slovakia	Hydro Extrusion Slovakia a.s.	Extrusion production	100 %	373	-	-	149	-	5	-	-50
	Sovalco a.s.	Primary aluminium production	55.3 %	498	-	-	3 381	259	39	55	494
	ZSNP DA, s.r.o.	Transportation	55.3 %	-	-	-	9	2	-	1	3
Total Slovakia				871	-	-	3 539	260	44	55	447
South Africa	Technal Systems South Africa (Pty) Ltd.	<i>Entity is in liquidation</i>	100 %	-	-	-	-	-	-	-	-12
Total South Africa				-	-	-	-	-	-	-	-12
Spain	Hydro Aluminium Iberia S.A.U	Remelter	100 %	51	3	-	819	43	3	7	173
	Hydro Aluminium Rolled Products Iberia S.L.	Sales company	100 %	6	1	-	9	1	-	-1	4
	Hydro Building Systems Spain S.L.U.	Building systems production	100 %	254	-	-	156	-1	-11	-	9
	Hydro Extruded Solutions Holding S.L.U	Local holding company	100 %	42	2	-	12	-3	-	-	548
	Hydro Extrusion Spain S.A.U	Extrusion production	100 %	383	18	-	340	-12	-	2	409
Total Spain				736	24	-	1 337	29	-9	8	1 142
Sweden	Hydro Aluminium Sverige AB	Sales company	100 %	3	-	-	4	1	-	-	6
	Hydro Building Systems Sweden AB	Building systems production	100 %	104	-	-	162	24	17	-	15

Jurisdiction	Legal entity	Description of the entity's activity	Ownership 31.12	Number of permanent employees ¹⁾	Number of temporary employees ¹⁾	Interest paid to Hydro legal entities in another jurisdiction, NOK million	Revenue, NOK million ²⁾	Income before tax, NOK million ³⁾	Income taxes, NOK million ⁴⁾	Income taxes paid, NOK million ⁵⁾	Retained earnings, NOK million ⁶⁾
	Hydro Extruded Solutions AB	Local holding company R&D	100 %	42	1	2	17	30	21	2	1 686
	Hydro Extrusion Sweden AB	Extrusion production	100 %	919	10	-	635	-1	5	-6	268
	Sapa China Holding AB	Local holding company	100 %	-	-	-	-	-	-	-	-
Total Sweden				1 068	11	2	818	53	44	-3	1 975
Switzerland	Hydro Aluminium International S.A. (HAI S.A.) ⁷⁾	Sales company	100 %	10	-	17	20 260	1 253	126	-	-742
	Hydro Aluminium SA	<i>Entity liquidated during 2017</i>	-	-	-	-	-	-	-	-	-
	Hydro Aluminium Walzprodukte AG	Sales company	100 %	2	-	-	4	1	-	-	3
	Hydro Building Systems Switzerland AG	Sales company	100 %	44	-	-	61	3	-	-	33
Total Switzerland				56	-	17	20 325	1 258	126	-	-705
Turkey	Hydro Yapi Sistem Sanayi VE Ticaret AS	Sales company	100 %	33	-	-1	38	10	1	-	65
Total Turkey				33	-	-1	38	10	1	-	65
Ukraine	Sapa Profiles UA	<i>Entity is in liquidation</i>	100 %	-	-	-	-	-	-	-	-
Total Ukraine				-	-	-	-	-	-	-	-
United Arab Emirates	Hydro Building Systems Middle East FZE	Sales company	100 %	15	-	-	41	5	-	-	18
Total United Arab Emirates				15	-	-	41	5	-	-	18
United Kingdom	Hydro Aluminium Deeside Ltd.	Remelter	100 %	48	1	-	706	16	3	5	46
	Hydro Aluminium Rolled Products Ltd.	Sales company	100 %	6	-	-	11	3	1	1	2
	Hydro Building Systems UK Ltd.	Building systems production	100 %	118	-	-	139	-11	2	7	341
	Hydro Components UK Ltd.	Extrusion component production	100 %	324	13	-	181	5	1	8	185
	Hydro Extrusion UK Ltd.	Extrusion production	100 %	550	-	-	362	11	2	-1	-32
	Hydro Holdings UK Ltd.	Local holding company	100 %	-	-	-	2	1	-	-8	155
	Hydro Motorcast Leeds (Property) Ltd	<i>Entity liquidated during 2017</i>	100 %	-	-	-	-	-	-	-	-
	Sapa Aluminium Extrusion Ltd.	<i>Entity is dormant</i>	100 %	-	-	-	-	-	-	-	-
	Sapa Building Systems (Wakefield) Ltd.	<i>Entity is dormant</i>	100 %	11	-	-	-	-	-	-	-
	Sapa UK Ltd.	<i>Entity is dormant</i>	100 %	-	-	-	-	-	-	-	27
Total United Kingdom				1 057	14	-	1 401	26	9	12	724

Jurisdiction	Legal entity	Description of the entity's activity	Ownership 31.12	Number of permanent employees ¹⁾	Number of temporary employees ¹⁾	Interest paid to Hydro legal entities in another jurisdiction, NOK million	Revenue, NOK million ²⁾	Income before tax, NOK million ³⁾	Income taxes, NOK million ⁴⁾	Income taxes paid, NOK million ⁵⁾	Retained earnings, NOK million ⁶⁾
USA	EMC Ashtabula, Inc.	<i>Entity is dormant</i>	100 %	-	-	-	-	-2	28	-	-1 966
	EMC Metals Inc	Local holding company	100 %	-	-	-	-	586	21	-	416
	Hydro Aluminum Metals USA, LLC	Local holding company	100 %	134	2	-	5 161	108	7	-	-1 851
	Hydro Aluminum Tomago Inc.	Local holding company	100 %	-	-	-	-	1	-	-	-165
	Hydro Aluminum USA, Inc.	Sales company	100 %	6	-	-	17	6	-	-	12
	Hydro Extruder LLC	Extrusion production	100 %	1 083	-	-	1 296	-16	-42	7	423
	Hydro Extrusion Dehli LLC	Extrusion production	100 %	326	-	-	323	-22	-8	3	45
	Hydro Extrusion North America LLC	Extrusion production	100 %	1 099	-	1	1 059	-29	60	2	-2 204
	Hydro Extrusion Portland Holding Inc.	Local holding company	100 %	615	-	-	-	-9	-	-	5
	Hydro Extrusion Portland Inc.	Extrusion production	100 %	-	-	-	444	-18	-13	-	616
	Hydro Extrusion USA LLC	Extrusion production and support services	100 %	2 501	10	4	2 499	1 144	-131	20	303
	Hydro Holding North America Inc.	Local holding company	100 %	-	-	-	-	-	-	-	-
	Hydro Metals Holding US LLC	Local holding company	100 %	-	-	-	-	-	-	-	-
	Hydro Precision Tubing Adrian Inc.	<i>Entity is dormant</i>	100 %	-	-	-	-	-2	14	-	-279
	Hydro Precision Tubing Louisville Inc.	<i>Entity is dormant</i>	100 %	-	-	-	-	-	1	-	-66
	Norsk Hydro North America, Inc.	Local holding company	100 %	-	-	1	-	162	-35	17	-196
	Sapa Precision Tubing Central LLC	Precision tubing production	100 %	-	-	-	-	-	-	-	-
	Sapa Precision Tubing LLC	Precision tubing production	100 %	-	-	-	114	11	-	-	122
	Sapa Precision Tubing Rockledge	Precision tubing production	100 %	174	2	-	264	17	-14	-	-102
	Total USA				5 938	14	6	11 178	1 938	-110	49
Vietnam	Sapa Ben Thanh Aluminium Profiles Co.	Extrusion production	65 %	234	5	-	50	-2	-	-	-6
Total Vietnam				234	5		50	-2	-	-	-6
Total Eliminations, non-controlling interests and goodwill and excess values not attributable to specific legal entities							-66 950	-14 330	-644	-10	-52 110
Total joint operations and joint ventures							3 987	3 148	-4	9	19 165
Grand total ⁸⁾				34 625	1 646	56	109 220	11 075	1 891	2 180	56 435

- 1) Number of employees is based on the legal entity each employee is employed by
- 2) Revenue consists of external and internal revenue from sales of products and services, and realized and unrealized results from derivatives related to sale of products. Elimination of sale to other Hydro companies is presented on a combined basis in "Eliminations". Revenue in this report equals revenue in Hydro's consolidated financial statements
- 3) For the composition of income before tax, please refer to consolidated income statements and related notes
- 4) For a description and the composition of income taxes, please refer to consolidated income statements and related notes
- 5) Income taxes paid represents the actual payments made during the year independent of which year the tax relates to. In some tax regimes including Brazil, tax payments include settlement of tax liabilities with tax credits generated from other payments to federal authorities
- 6) Retained earnings consists of accumulated gains and losses, net of distributed profits from the point of view of the legal entity. Retained earnings existing in the companies at the time of Hydro's acquisition is deducted in "Eliminations". In addition, "Eliminations" consists of unrealized gains in transactions between Hydro companies
- 7) Interest paid from Alumina do Norte do Brasil S.A. and Hydro Aluminium International SA relates to interest on loans and credit facilities in Norsk Hydro ASA
- 8) Only figures where a total is presented can be consolidated

Entity descriptions

In the table above, each company has been given a short description of its main activities. Some of the entities can also have other activities as listed below. For a complete overview of the description given of each company in public registers, see www.hydro.com/reporting2017

Short description	Main activities
Alumina refinery	Refining of bauxite to alumina. Hydro operates the Alunorte alumina refinery
Bauxite mining	Mining of bauxite, the raw material for aluminium productions. Hydro has only one consolidated bauxite mine
Building systems production	Manufacturing or production of building systems
Company kindergarden	Kindergarden for children of employees or tenants
Dies production	Production of dies for extrusion of aluminium
Energy sourcing	Sourcing of energy for Hydro operations
Extrusion component production	Manufacturing or production of components
Extrusion production	Includes one or more extrusion plant(s) and is normally also responsible for sales and marketing of its products. R&D activities can also be included
Finishing	Slitting of rolled products for automotive
High-purity aluminium production	Production of aluminium of minimum 99.99 percent purity
Insurance	In-house insurance
IT shared services	IT shared services for Hydro operations
Local holding company	Holding & Financing. Holding shares or other equity instruments. Administrative, management or support services
Pension fund	Employee pension fund
Power production	Production of hydropower in Norway
Power trading	Trading of power and energy services
Precision tubing production	Manufacturing or production of extruded aluminium products, such as aluminium tubes, micro-port extrusions, and welded aluminium tubes
Primary aluminium production	Includes one or more primary aluminium plant(s), and may also include casting, anode production and/or R&D activities
Public affairs	Hydro's Brussels office
Real estate	Development and property management. Owner of land. Developing of infrastructure
R&D	Research and development activities
Remelter	Facility remelting standard ingots, process scrap and/or post-consumer scrap
Rolling mill	Production of rolled products
Sales company	Sales, marketing and distribution offices
Support services	Administrative, management or support services
Tool and spare parts services	Provides tool and spare parts services, in addition to administrative and management support
Trading company	Sales, marketing and distribution of casthouse aluminium products
Transportation	Transport of raw materials by train tracks