Balance

(7	ΓΝΟΚ) Note	31.12.2017	31.12.2016
ASSETS			
Non-current assets			
Deferred tax assets	14	15 025	24 505
Intangible fixed assets		15 025	24 505
Unserviced sites, buildings and other	real property 8	152 708	155 695
Scientific equipment	8	23 394	24 742
Tangible operating assets, inventorie	s, etc. 8	5 938	5 498
Fixed assets		182 040	185 934
Shares in other companies	10	11 680	10 564
Long-term receivables (Group)	9	50	50
Pension plan assets	7	0	1 652
Other long-term receivables		11 852	13 824
Non-current financial assets		23 582	26 090
Total non-current assets		220 647	236 529
Current assets			
Stocks of finished goods		-	4
Work in progress	5	63 072	54 712
Stocks		63 072	54 716
Client receivables		47 988	52 677
Consolidated current receivables	12	1 352	902
Other current receivables		517	836
Receivables		49 856	54 415
Investments	11	49 944	47 574
Investments		49 944	47 574
Cash, bank deposits	17	221 401	131 210
Bank deposits, cash, etc		221 401	131 210
	_		
Total current assets	,	384 272	287 915
TOTAL ASSETS		604 920	524 445

Balanse

(TNOK)	Note	31.12.2017	31.12.2016
EQUITY AND LIABILITIES			
Equity			
Share premium reserve	13	7 540	7 540
Paid-in equity		7 540	7 540
Other equity	13	359 770	331 779
Retained earnings		359 770	331 779
Total equity	13	367 310	339 319
Subordinated loan capital	9	1 106	1 106
Subordinated loan capital		1 106	1 106
Accounts payable		22 941	21 707
Public taxes/duties payable		23 292	23 329
Advance payments from clients		37 278	30 597
Current liabilities	12	12 420	5 810
Other current liabilities	15	140 574	102 576
Current liabilities		236 504	184 020
Total liabilities		237 610	185 126
TOTAL EQUITY AND LIABILITIES		604 920	524 445

Trondheim, 13. march 2018

Inge R. Gran President

Alexandra Bech Gjørv

Board Chair

Oluf Ulseth Board member

Kristin Lian Board member

Stein Iver Koi Board member

Randi Viksund

Board member

Ingvald Strømmen Board member

Ove Wolfgang Board member Svend Tollak Munkejord Board member

Marit Jagtøyen Mazzetti Board member

Geir E.D. Øien Deputy

Profit and loss account

(TNOK)	Note	2017	2016
Operating revenues and expenditures			
External project revenues		437 998	411 006
Funding from the Research Council of Norway		27 278	26 777
Other operating revenues		1 439	1 240
Gross operating revenues	4, 5, 12	466 714	439 023
Direct project costs *		105 133	107 770
Net operating revenues		361 581	331 253
Salaries, national insurance and social expenditures	6, 7	250 040	240 152
Depreciations	8	11 952	12 594
Losses on receivables		- 497	- 1 433
Other operating expenses	3, 6	67 498	62 340
Operating expenses		328 993	313 653
OPERATING PROFIT/LOSS		32 588	17 601
Financial revenues and expenditures			
Financial revenues	3	7 068	6 744
Financial expenditures	3	2 185	4 023
Net financial revenue		4 882	2 721
Result before tax		37 471	20 322
Total tax expenditures	14	9 480	6 621
RESULT FOR PERIOD		27 990	13 701
Allocations			
Transferred to equity	13	27 990	13 701
Total allocations		27 990	13 701

^{*} Direct project expenditures include the purchase of scientific equipment and R&D services, etc. linked to revenue-generating projects.

Statement of cash flows

(TNOK)	2017	2016
Cash flows from operational activities		
Pre-tax profit	37 471	20 322
Ordinary depreciations	11 952	12 594
Write-downs	371	-
Gains on sales of non-current assets	- 185	- 82
Changes in work in progress	- 8 355	26 197
Changes in client receivables	4 689	4 520
Changes in supplier accounts payable	1 233	- 6 258
Changes in other limited period items	51 121	- 23 827
Difference between pension expenditures and	1 652	3
payments into/out of pension schemes		
Changes in securities investments (current assets)	- 2 370	- 103
Net cash flows from operational activities (A)	97 579	33 365
Cash flows from investments		
Purchases of fixed assets	- 8 722	- 5 588
Revenues from sales of non-current assets	477	82
Changes in long-term investments	- 1 116	-
Changes in long-term receivables	1 972	1 972
Net cash flows from investments (B)	- 7 389	- 3 534
Net change in cash reserves (A+B+C)	90 191	29 833
Cash reserves as of 01.01.	131 210	101 378
Cash reserves as of 31.12.	221 401	131 210
Of which reserved tax-deduction funds constitute	12 634	12 827

NOTES TO THE ANNUAL ACCOUNTS FOR 2017

1. General remarks

The Annual Accounts have been prepared in compliance with the Norwegian Accounting Act (regnskapsloven) of 17 July 1998 and in accordance with Norwegian accounting standards and guidelines for good accounting practice.

Principles employed for recognising revenues

Revenues from projects are entered on an ongoing basis. This means that revenues are entered as a percentage reflecting the amount of work completed, such that it is the completed share of the project's total anticipated earnings that is recognised as income. The percentage entered is determined on the basis of work actually completed.

In the case of projects which are anticipated to result in a loss, the entire anticipated loss is entered as costs.

Public sector funding in the form of research council grants and similar is entered as revenue in accordance with the basic principles governing the accounting of revenues and expenditures. In other words, such funding is entered as revenue at the same time as the income it is intended to generate, or the expenditure it is intended to reduce. Contingent funding is not recognised as income until it is considered probable that the relevant conditions have been, or will be, met.

Investments and funding items are entered as net. Investment grants are deducted from the historical cost of the investment item.

Licence revenues are pro rata over the term of the licence.

Costs

As a general rule, costs are recognised in the accounts for the same period as revenues. In situations where there is a clear connection between expenditure and revenues, entries are distributed on the basis of discretionary criteria. Other exemptions from the matching principle are indicated where relevant.

Classification

Current assets are entered as items linked to project activity or receivables due within one year, as well as other assets not intended for permanent ownership or use by the organisation. Other assets are classified as non-current assets. The distinction between short- and long-term liabilities is made based on a payment due date of one year.

Valuation of assets

Current assets are assessed either at procurement cost or market value, whichever is the lower. Non-current assets are valued at their cost on acquisition. If the market value of a non-current asset is lower than its book value, and the fall in value is not expected to be short-lived, the asset will be written-down to its market value.

Shares in other companies (short-term shareholdings)

Shares that form part of the business portfolio are assessed at their true value on the balance sheet date. Other short-term share assets are assessed at their mean acquisition cost or true value on the balance sheet date, whichever is the lower.

Shares in other companies (long-term shareholdings)

Shares in SINTEF Group subsidiaries and other shareholdings where the objectives are of a strategic or other "non-financial" nature, are classified as long-term shareholdings. Other shares are classified as current assets.

Currency

Transactions in foreign currencies are entered, on first-time recognition, either at the exchange rate prevailing on the date of the transaction or at a secured exchange rate. Money items in foreign currencies are converted using the exchange rate prevailing on the balance sheet date. During the accounting period, fluctuations in currency exchange rates are recognised as they arise and are classified either as financial revenues or expenditures. The effect of the hedging instruments is recognised concurrently with the cash flows they are intended to secure.

Receivables

Client and other receivables are entered at their nominal value with deductions for anticipated losses. Provision for loss is made based on a case-by-case assessment of the accounts in question.

Work in progress

This item includes work carried out that is yet to be invoiced. Accrued hours are assessed at invoiceable rates and in accordance with the degree of completion of the project in question, with a deduction for anticipated losses.

Intangible fixed assets

With the exception of deferred tax assets and concessions/ patents, expenditures linked to intangible assets, including research and development, are entered in their entirety as costs.

Fixed assets

Newly-acquired operating assets costing more than NOK 15,000, and with an anticipated economic lifetime of three years or more, are capitalised and written down.

The assets are written down linearly at the following rates (according to their anticipated economic lifetime): Scientific and office equipment, inventories and vehicles: 3 - 7 years Buildings: 3 - 5% per year.

Surplus

"SINTEF Energy Research is a non-profit research company that pays no dividends to its stakeholders. All monies received as a result of the institute's operations are ploughed back in the form of investments and research-related initiatives for the purpose of promoting future socially beneficial research.

Pensions

On 31 December 2015, SINTEF Energy Research terminated its collective defined benefit-based pension scheme, which was replaced from 1 January 2016 by a new hybrid pension scheme.

Cash Flow Statement

The cash flow statement is prepared based on the indirect method. Cash reserves are represented by bank deposits.

2. Financial market risk

SINTEF Energy Research is exposed to currency exchange fluctuations in that some of its project revenues are in currencies other than those pertaining to all or part of the relevant expenditures. This exposure in primarily in EUR and USD. In order to mitigate this risk, futures contracts have been entered into in the currencies in question. The durations of futures contracts reflect cash flows linked to the relevant projects throughout their respective lifetimes.

SINTEF Energy Research holds a considerable liquidity reserve which is placed centrally on behalf of the companies that wish to participate. The portfolio is invested in accordance with "Regler

for finansforvaltning" (Rules governing financial management), approved by the Board on 23 October 2013. The market value on 31 December 2017 was NOK 338 million, of which SINTEF Energy Research's share was 15 %.

The portfolio contains all relevant money market unit trusts, and a change in the interest rate of 1 % will have an effect on the profit and loss account of NOK 0.5 million for the total portfolio. SINTEF Energy Research's share of this risk is NOK 0.1 million. The remainder of the portfolio consists of liquid assets and investments placed in well-diversified funds.

3. Merged items

	Ame	ounts in TNOK
Financial revenues	2017	2016
Interest	2 093	2 875
Foreign exchange gains	2 605	3 716
Other financial revenues	2 370	154
Total financial revenues	7 068	6 744
Financial expenditures		
Bank charges	25	29
Foreign exchange losses	2 152	3 973
Interest on delayed payments	3	3
Interest costs	5	18
Total financial expenditures	2 185	4 023
Other operating expenses	2017	2016
Repairs and maintenance	5 573	2 901
Purchased services accounting/auditing and IT administration	13 668	16 288
External services and temporary employment agencies	7 349	4 482
Other external services	4 153	5 042
Accommodation expenditures	9 275	8 219
Non-capitalised materials and components costs	5 482	5 553
Office and printing expenditures	7 391	5 044
Travel and meeting expenditures	4 561	3 858
Joint expenditures (SINTEF)	8 377	8 960
Other operating expenditures	1 670	1 955
Sum other operating expenditures	67 498	62 302

4. Sales revenues for SINTEF Energy Research

	Beløp i tusen krone	
According to field of research activ	2017	2016
Energy Systems	174 061	163 755
Electrical Power Technology	82 949	83 348
Thermal Energy	95 565	72 998
Gastechnology	84 678	90 720
Staff	29 460	28 202
Total (field of activity)	466 714	439 023
According to geographical location	2017	2016
Norway	412 971	367 651
EU countries	33 543	67 317
Other countries	20 199	4 055
Total (geographical location)	466 714	439 023

5. Work in progress

Each individual project is value-assessed on a monthly basis. No project is valued higher than its contract sum, and any costs overrun reduces revenues and the value of work in progress.

6. Salary expenditures, employees, allowances, salaries to employees and auditor's fees

Salary expen	ditures	2017	2016
Salaries and o	other remunerations	190 237	180 980
Employer nat	tional insurance contributions	31 276	30 053
Pension expe	nditures (less employee contributions)	23 304	20 896
Other benefit	ts	5 222	8 223
Total		250 040	240 152
Total man-yea	ars	216,0	212,0
Loans made t	to employees	3	-
Benefits to hi	igh-level personnel		
President 1)			
Salary		2 049	1 956
Of which	Pension expenditures	223	233
	Other benefits	110	112
The Board ²⁾		473	450

¹⁾ The President is employed under standard terms and conditions on a par with similar managers in the SINTEF Group.

There exists no obligation to make special payments to the President or Board Chair in the event of the termination, or changes to the terms and conditions, of their employment contract/appointment. The Board has put in place guidelines for a bonus system for the President. Any payments are performance-based and cannot exceed two months' salary.

Auditor

Fees paid to Deloitte AS and organisations with which it collaborates, are allocated as follows:	2017	2016
Statutory audits	124	192
Other attestation services	118	158
Tax consultancy	22	57
Legal assistance in connection with miscellaneous evaluations	17	91
Total	281	497

The stated auditing fees are exclusive of value added tax.

²⁾ The SINTEF Group's representative on the Board receives no remuneration.

7. Pension plan expenditures, assets and liabilities

The institute is obliged to provide a pension scheme pursuant to the Norwegian Act relating to Mandatory Occupational Pensions (lov om obligatorisk tjenestepension) and operates with an occupational pension arrangement that meets the requirements set out in the Act.

On 31 December 2015, SINTEF Energy Research terminated its collective defined benefit-based pension scheme, and replaced it from 1 January 2016 with a new hybrid pension arrangement.

Pension scheme assets linked to the hybrid scheme are recognised as expenditures on 31 December 2016 at TNOK 24 584 (inclusive of employer contributions). The remaining benefit-based amounts in the balance sheet are unfunded.

	2017	2016
Present value of annual pension plan accruals	-	-
Interest costs of pension liabilities	-	119
Return on pension plan assets	-	- 102
Recognised estimate losses/(gains)	-	102
Recognised share of effect of pension plan alterations	-	5
Administrative costs	-	18
Net settlement effects	-	-
Net pension expenditure	-	142
Accrued pension liabilities	-	1 415
Accrued employer contribution	-	199
Unrecognised effect of actuarial gains and losses	-	- 3 266
Net pension obligation	-	- 1 652
No. of persons included in the scheme	31.12.2017	31.12.16
Defined benefit plan		
Pensioners	-	3
Total	-	3
Economic assumptions (defined benefit schemes)	31.12.2017	31.12.16
Discount interest rate	-	2,60
Anticipated salary adjustments	-	2,50
Anticipated pension increase	-	2,25
Anticipated adjustment of the basic national insurance pension rate (G)	-	1,50
Anticipated return on pension plan assets	-	3,60
Actuarial assumptions (defined benefit schemes)	31.12.2017	31.12.2016
Applied mortality table	-	k2013
Applied work disability scale	-	ir02 nivå
Voluntary retirement (all ages)	-	10

8. Fixed assets

(Amounts in TNOK)	Scientific equipment	Office equipment, inventories and vehicles	Buildings	Plant under construction	Total
Acquisition costs as of 01.01.2017	141 943	16 694	197 019	-	355 656
Acquisitions, 2017	1 341	2 806	2 391	2 184	8 722
Disposals at purchase cost	-	- 740	- 568	-	- 1 309
Procurement cost 31.12.2017	143 284	18 760	198 842	2 184	363 070
Cumulative depreciations 31.12.2017	118 894	13 148	46 968	-	179 010
Cumulative write-downs 31.12.2017	996	- 326	1 350	-	2 020
Book value as of 31.12.2017	23 394	5 938	150 524	2 184	182 040
Ordinary depreciation for the year	2 689	2 073	7 190		11 952
Economic lifetime	3-7 years	3-5 years	20-50 years		
Depreciation plan	Linear	Linear	Linear		

Annual lease of non-recognised assets NOK 739 000.

The operational leasings of printers, copiers, video projectors, video conference equipment and coffee machines are recognised as expenditures in full as they arise. Leasing agreements have terms of either 3 or 5 years. The institute refrains from purchase of equipment on termination of leasing periods.

	Scientific equipment	Office equipment, inventories and vehicles	Buildings		Total assets
Annual procurements < NOK 15,000		18	861	-	1 861

Oversikt over investeringer og salg for siste 5 år

		Scientific equipment	Office equipment, inventories and vehicles	Buildings	Plant under construction	Total assets
2017	Investment	1 341	2 806	2 391	2 184	8 722
	Sale	-	- 740	- 568	-	- 1 309
2016	Investment	23 536	2 545	143 103	- 163 596	5 588
	Sale	- 1 255	-	-	-	- 1 255
2015	Investment	427	2 076	702	75 636	78 842
	Sale		- 359			- 359
2014	Investment	645	3 193	-	80 046	83 884
	Sale	-	-	-	-	-
2013	Investment	2 820	747	5 122	7 913	16 603
	Sale	_	_	-	_	_

9. Long-term receivables and liabilities

Receivables due in more than one years' time	2017	2016
Loans to organisations in the same Group (amounts in TNOK)	50	50

A subordinated loan to SINTEF to the value of NOK 1.1 million (on interest- and instalment-free terms). The loan provides an entitlement to conversion into shares. The company's share capital will be increased, and at the same share price as the newly issued shares.

10. Shares in other companies

				Amounts in TNOK
Anleggsmidler	Ownership interest	Procurement cost	Book value	Market value
SINTEF Venture AS	14,31 %	13 397	11 680	16 139
Total non-current assets		13 397	11 680	16 139

SINTEF Energy Research has committed to invest additional NOK 12.1 million in SINTEF Venture AS.

11. Securities (Portfolio)

SINTEF investments are allocated as follows: kroner

Amounts in TNOK

	Currency	Procurement cost	Book value	Market value	Our ownership interest (16,3 %)	Change in value recognised in the profit and loss account
Bank deposits and derivative	NOK	22 341	22 341	22 341	3 304	-
Fixed-interest securities						
Money market unit trusts	NOK	136 631	137 290	137 290	20 302	98
Money market and bond funds	NOK	85 289	85 795	85 795	12 687	75
Total fixed-interest securitiesr		221 919	223 085	223 085	32 989	172
Equities funds, Norway	NOK	10 000	11 292	11 292	1 670	191
Equities funds, Scandinavia	NOK	12 794	26 024	26 024	3 840	1 956
Overseas equities funds	NOK	48 059	55 051	55 051	8 141	1 034
Total investment portfolio		315 113	337 793	337 793	49 944	3 354

12. Inter-company accounts with companies in the same group

	Receiva	bles	Liabiliti	es
Book values	31.12.2017	31.12.2016	31.12.2017	31.12.2016
The SINTEF Foundation	1 249	459	- 7 567	- 384
SINTEF Ocean AS	-	-	- 8	-
SINTEF Petroleum Research	96	1	- 4 460	- 3 180
SINTEF TTO AS	7	-	- 10	-
SP Fire Research AS	-	-	- 375	- 101
Other inter-company accounts	-	443	-	- 2 145
Total	1 352	902	- 12 420	- 5810

Turnover during 2017	Sales	Purchase
The SINTEF Foundation	5 059	38 466
SINTEF Ocean AS	114	45
SINTEF Ålesund AS	61	-
SINTEF Petroleum Research	1 013	8 259
SINTEF TTO AS	155	21
SP Fire Research AS	-	621
Total	6 402	47 412

We apply the market principle for transactions between companies within the Group.

No significant transactions have been made with closely-affiliated parties.

13. Equity

Amounts in TNOK	Share capital	Other equity	Total equity
Equity as of 01.01.2017	7 540	331 779	339 319
Year's result		-	27 990
Equity as of 31.12.17	7 540	331 779	367 310

The share capital in SINTEF Energy Research consists of shares belonging to a single class. The nominal share value is NOK 1,000. The voting regulations correspond to the number of shares owned. In the event of sales of one or more shares, the existing shareholders have right of first refusal. Board members and the President own no shares or share options in the company.

Owner	Total shares	Ownership interest	Voting interest
Stiftelsen SINTEF	4 600	61,0 %	61,0 %
Energi Norge	2 520	33,4 %	33,4 %
Norsk industri	420	5,6 %	5,6 %
Totalt	7 450		_

The SINTEF Foundation, based in Trondheim, prepares the Group accounts in which the present company is incorporated as part of the consolidation process. The Group accounts may be obtained on request from SINTEF, P.O.Box 4760, Postboks 4760 Torgarden, 7465 Trondheim, Norway.

14. Total tax expenditures

Annual tax expenditure is as follows:	2017	2016
Current taxes	-	-
Changes in deferred tax assets	9 480	6 621
Changes entered directly as equity	-	
Tax on ordinary profit	9 480	6 621
Harmonisation from nominal to actual tax rate:		
Ordinary profit before tax	37 471	20 322
Profit/loss before tax	37 471	20 322
Anticipated tax on revenues according to nominal tax rate	8 993	5 081
Tax effect of the following items:		
Non-deductible expenditures	498	295
Non-taxable revenues/expenditures	-	- 10
Financial gains/losses according to the exemption method	- 403	235
Effects of changes in taxation rules and rates	654	1 021
Tax credit carry forward	- 261	-
Total tax expenditures	9 480	6 621
Effective tax rate	25 %	33 %

Specification of tax effect of temporary differences and deficit carried forward:

	2017		2010	5
	Asset	Obligation	Asset	Obligation
Fixed assets	34 892	-	37 759	-
Receivables	12	-	509	-
Pension plan assets	-	-	-	1 652
Other items	27 462	-	32 165	-
Underskudd til fremføring	3 596	-	35 048	-
Deficit carried forward	1 088	-	-	-
Total	67 050	-	105 482	1 652
Deferred tax assets	15 421	-	24 919	-
Non-recognised deferred tax assets	397	-	- 414	
Net deferred assets in the balance sheet	15 025	-	24 505	-

Deferred tax assets are presented on the basis of future revenues.

15. Other current liabilities

SINTEF Energy Research has responsibility as coordinator for five EU projects (GARPUR, Market4RES, CEMCAP, Super Smart og Cheers). In accounting terms, this involves financial obligations to other project participants amounting to NOK 32.2 million. The accounting item also includes accrued holiday pay expenditures amounting to NOK 20.8 million. The remaining amount is made up of reserves of NOK 4.4 million for miscellaneous accrued expenditures, and NOK 20.3 million for other miscellaneous obligations, respectively.

16. Pantstillelser og garantier m.v.

SINTEF has entered into an agreement with the bank Sparebank 1 SMN concerning a joint, multi-user account system for the legal entities within the Group. Sparebank 1 SMN is entitled only to carry out offsets in accounts that the respective legal entities have with the bank, regardless of account type and currency.

EU funding, together with tax withholdings, are held in separate accounts outside the multi-user system.

A new banking agreement was entered into with Sparebank 1 SMN in 2017. As part of the agreement, the SINTEF Foundation is obliged to provide security in the form of property to the value of NOK 100 million (collateral).

SINTEF Energy Research is a party involved in individual litigations resulting from its ordinary activities, but considers that any financial obligations it may incur in this connection will not have a significant impact on the company's profits, liquidity or financial status.

17. Bank deposits (specifically undistributable reserves)

		Amounts in TNOK
	31.12.2017	31.12.16
Reserved tax-deduction funds	12 634	12 827
EU projects – ordinary EU funding in separate bank accounts	41 640	2 463
FME* project funding in separate accounts	15 093	14 407
FME* project funding in folio accounts	58 382	27 225
Total	127 749	56 922

^{*} FME: Centres for Environment-friendly Energy Research