

Contents

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- 2 HIGHLIGHTS OF THE 2017 RUSSIA BOARD INDEX
- 4 OUR SURVEY APPROACH
- 5 BOARD SIZE AND COMPOSITION
- 11 BOARD MEETINGS AND EVALUATION
- 13 BOARD COMMITTEES
- 15 REMUNERATION
- 17 COMPARISON TABLES
 - 18 International comparison
 - 24 Board composition
 - 28 Board Statistics, Meetings and Committees
 - 32 Remuneration
- 36 ABOUT SPENCER STUART

Foreword

The Spencer Stuart Board Index is an annual study that analyses aspects of board governance, including composition, committees, and remuneration, among major listed companies. First published over 30 years ago in the US, Board Indexes are produced in 22 countries around the world on an annual or biennial basis.

In 2014, we released the first *Russia Board Index*, which focused on 41 of the top listed companies. This fourth edition updates our analysis of the data available for the most recent fiscal year and looks at the boards of 43 companies.

Our purpose is to provide business leaders with a snapshot of current practices on Russian boards. In addition to data for each company, we have again published a detailed chart showing how Russian boards compare with leading companies in the US and other European markets across a key range of governance measures.

We hope that you will find this new edition of the *Russia Board Index* an interesting read. We welcome your feedback and the opportunity to discuss any of the issues that arise from our research.

Yaroslav Glazunov Spencer Stuart Russia

Highlights of the 2017 Russia Board Index

23.4

The average number of board meetings per company last year

36.7%

The percentage of independent directors

54.3 years

The average age of directors

BOARD MEETINGS

The average number of in-person board meetings among Russian companies is 6.8, an increase from six last year. The figure represents a return to the level seen in 2015, and is on a par with other European countries. However, if we include meetings that take place in absentia, the total number of meetings rises to 23.4, slightly below the previous year's average of 25. See page 11.

INDEPENDENCE

Our sample this year is made up of 447 directors, of whom 164 or 36.7% were deemed to be independent. This is slightly up on last year's figure of 34%, and remains one of the lowest in Europe. The average number of independent directors on Russian boards has also seen a small increase from 3.3 to 3.8. See page 6.

AGE

The average age of all board directors is 54.3 years, a slight increase on last year's figure of 52.9 years. Russian boards remain the youngest in Europe, ahead of Poland at 55.5 years; at 61.1 years Swiss boards have the highest average age. The average age of chairmen among Russian companies has risen slightly to 58.1 years (from 57.1 years in 2016), although the current cohort remains the second-youngest in Europe. Russia and Poland are the only countries where the average age for chairmen is under 60 years. See page 9.

8.1%

The proportion of women sitting on boards

18.8%

The proportion of board members appointed during the last year

7,858,262₽

The average pay for non-executive directors

GENDER DIVERSITY

The proportion of female directors sitting on Russian boards has returned to just over its 2014 level of 8%, having seen a downward trend in both 2016 — when it decreased to 7.2% — and 2015, when it registered 7.6%. Despite this growth, the proportion of women on boards in Russia remains by far the lowest in Europe. Meanwhile, the number of women sitting on executive committees of Russian companies has fallen slightly to 11.6%. See page 7.

BOARD TURNOVER

The percentage of board directors appointed to the board within the past 12 months is 18.8%, a slight increase from 2016 when the figure was 17.7%. Women account for 11.9% of the 84 new directors appointed to the board in the past year, which is slightly below last year's figure of 12.3%. See pages 24-31.

DIRECTOR REMUNERATION

While almost all of the companies in our survey disclosed some information around board remuneration, only 10 out of 43 companies declared detailed remuneration on individual board members. The average retainer fee paid to independent, non-executive directors is 7,858,262₽ (€105,934). See page 15.

3

Our survey approach

The 2017 Russia Board Index covers 43 of the top listed companies by market value in the Russian Trading System Index at the end of May 2017. Subsidiary companies are generally excluded from our analysis, along with several companies for which limited data was available, or not yet reported. This year's index saw the addition of DIXY Group, LSR Group, Mosenergo, PIK Group, Tatneft, and United Wagon Company.

All 43 companies featured in this year's Board Index are listed in the company tables, starting on page 24. In some instances data is missing from these tables and this is because companies do not disclose the detail. Non-disclosure of remuneration information is common.

Globaltrans, Lenta, Mail-Ru Group, Pharmstandard, TransContainer, VSMPO-AVISMA Corporation, and X5 Retail Group are no longer included in our analysis. Norilsk Nickel has changed its name to Nornickel.

We analysed board size and composition, committee structure and director compensation for the 2016 financial year, compiling our research from a combination of publicly available sources such as company annual reports and websites, minutes and agendas of general meetings, and from BoardEx.

The following elements were measured as of 31 May 2017:

- » Supervisory board composition
- » Management board composition
- » Female representation
- » Independence

- » Tenure
- » Board commitments
- » Age
- » Foreign representation

Measured as of 31 December 2016:

- » Board Meetings
- » Board committee meetings
- » Board evaluations

Measured as of 2016 Annual General Meeting:

» Board remuneration

The *Russia Board Index* focuses on quantifiable data pertaining to boards of directors and offers comparisons with leading companies in a number of other European countries, namely Belgium, Denmark, Finland, France, Germany, Italy, the Netherlands, Norway, Poland, Spain, Sweden, Switzerland, Turkey and the UK, as well as with S&P 500 companies in the USA.

Board size and composition

BOARD SIZE

The average board in Russia now comprises 10.4 directors, reversing the trend seen in the previous three years when boards reduced in size from 10.6 in 2014 to 10.1 in 2016. Six companies have a board of seven members, the smallest size noted in our survey, while the largest, Rusal, has 18. Boards at the majority of companies continue to consist of between nine and 11 directors.

Board size

Number of directors	Percentage of companies
≤ 8	16%
9 to 11	63%
12 to 14	12%
15 and more	9%

Among European countries covered in our sample, the average number of directors on the board is 10.5, the same as 2016. The table below shows the figures across the region. Whereas in 2016 average board sizes across Europe ranged from 8.2 to 14.1, in 2017 the range is from eight, as in Poland, to 16.3 in Germany (includes employee representatives).

THE BROADER VIEW: Average board size

	Russia	Belgium	Denmark	Finland	France	Germany	Italy	Netherlands	Norway	Poland	Spain	Sweden	Switzerland	Turkey	UK	USA
Average	10.4	10.1	9.8	8.2	13.9	16.3	11.5	8.3	8.4	8	11	10.9	10.6	9.9	10.2	10.8

EXECUTIVE DIRECTORS

Executive directors account for 14.3% of all board members in Russia, excluding chairmen. LSR Group has the highest percentage of executive directors, with half the board composed of executives. Conversely, four companies do not have any executives on their boards.

Across our sample, no company combines the role of chairman and chief executive. Acron is the only company to have an executive chairman. The chief executive is a member of the board in 83.7% of companies.

RUSSIA BOARD INDEX 2017 5

THE ROLES OF CHAIRMAN AND VICE CHAIRMAN

According to the 2014 Russian Code of Corporate Governance (Moscow Exchange, translated by EBRD), it is recommended that the chairman be independent. In instances where this is not possible, a senior independent director is recommended. The chairman is independent in 18.6% of companies in our sample.

Nineteen companies (44.2%) have at least one vice chairman, and six companies have two individuals in this role: Alrosa, MTS, Rosneft, Sberbank, Surgutneftegas, and Uralkali. Eight companies (18.6%) have the role of senior independent director (SID) on their board. Acron, Sberbank, and Uralkali are the only companies with both a senior independent director and a vice chairman sitting on the board.

THE BROADER VIEW: Companies with a vice chairman

	Russia	Belgium	Denmark	Finland	France	Germany	Italy	Netherlands	Norway	Poland	Spain	Sweden	Switzerland	Turkey	UK	USA
Percent %	41.9	20.7	100	96	73	30	50	68	52	75	n/a	48	85	93.1	10	n/a

INDEPENDENT DIRECTORS

In the companies we surveyed, 36.7% of all board directors are deemed to be independent. This is at the low end for Europe, with only Turkey having a smaller percentage of independent directors (32.7%). In contrast, boards in Finland, the Netherlands, and Switzerland have the highest number of independent directors, each at 84%.

THE BROADER VIEW: Independent directors

		Russia	Belgium	Denmark	Finland	France	Germany	Italy	Netherlands	Norway	Poland	Spain	Sweden	Switzerland	Turkey	UK	USA
Percer	nt %	36.7	45.9	77.2	84	69.1	60	51	83.6	76.3	49.4	44	69.6	84	32.7	61.4	85

WOMEN ON THE BOARD

Women occupy 8.1% of all board seats, and although this is an increase from 7.2% in 2016, it is only just ahead of the level seen in 2014. Norway continues to lead Europe in this regard with 45.4% of all board seats held by women, followed by France which, thanks to legislation, has increased the percentage of women on boards from 11.5% in 2009 to 42% in 2017. At the time of writing, there is no legislation in Russia pertaining to gender diversity on boards and it appears that without this the number of women on boards will remain static.

When looking only at non-executive directors, the percentage of female directors is now 10.2%, up from 8.6% in 2016; 26.4% of all female NEDs were appointed to the board within the last year. Yet almost one-third of all female non-executive directors are concentrated in three companies: Alrosa, PIK, and Rusal. Of the 71 executive directors who sit on Russian boards, only two (2.8%) are women.

At the executive committee level, only 8.9% of members are female and none of them holds the position of chief executive. This figure is down from 12% in 2016.

THE BROADER VIEW: Women on the board

	Russia	Belgium	Denmark	Finland	France	Germany	Italy	Netherlands	Norway	Poland	Spain	Sweden	Switzerland	Turkey	UK	USA
Percent %	8.1	30.4	28	33	42	28.7	31	30.4	45.4	21.4	17	38.3	22.2	11.1	25.5	22.2

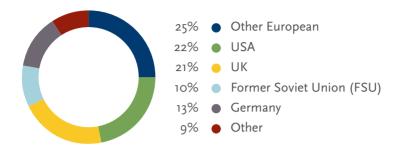
FOREIGN DIRECTORS

The percentage of foreign directors serving on Russian company boards is 22.8%, a decrease from 28.2% last year. Non-nationals account for 46.3% of independent directors. An average of 2.8 nationalities are represented on Russian boards, while 13 companies (30.2%), have no foreign directors at board level. In total, 26 nationalities are represented across our sample.

Of all foreign directors, 67% come from other European countries. Germany and the UK account for 34% of foreign directors, while, at 22.3%, the USA is the largest single country of origin for foreign directors.

RUSSIA BOARD INDEX 2017 7

Foreign directors: Origins of non-Russian nationals



There are nine foreign chairmen, which is a decrease from 12 in 2016 but an increase from seven in 2015. Of these chairmen, 33.3% are American and 55.6% are European. No company has both a foreign chairman and foreign CEO.

Of the 71 executive directors who sit on the board, two are foreign nationals, both of whom were appointed to their respective boards in the past year.

Among the new non-executive directors who were appointed to the board in the previous 12 months, 21.7% are foreign.

THE BROADER VIEW: Foreign directors

	Russia	Belgium	Denmark	Finland	France	Germany	Italy	Netherlands	Norway	Poland	Spain	Sweden	Switzerland	Turkey	UK	USA
Percent %	22.8	31.2	42.1	36.5	37	31	9.4	57	24.3	18.8	19	30.9	59	16	32.3	7

NEW DIRECTORS

Eighty-four new directors on Russian boards were appointed in the 12 months prior to 31 May 2017, 18.8% of the total. Of these new directors, 11.9% are female and 20.2% foreign. The vast majority of the newly appointed directors are non-executives; only 10 executive directors were appointed during the past year.

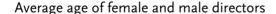
THE BROADER VIEW: New directors

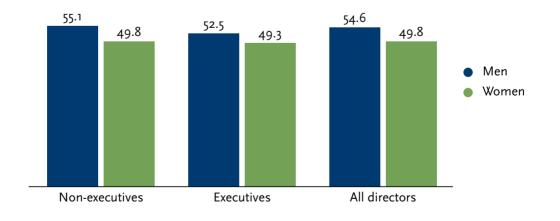
	Russia	Belgium	Denmark	Finland	France	Germany	Italy	Netherlands	Norway	Poland	Spain	Sweden	Switzerland	Turkey	'n	USA	
Percent %	18.8	10.4	17.5	16	17.9	19.7	18	9.2	17.8	27.5	14.6	15.2	9.9	12.2	12	7.5	

AVERAGE AGE OF DIRECTORS

With an average age for all directors of 54.3 years, Russian boards are again the youngest in Europe, even though that average is slightly up from last year's 53.3 years. Germany and Switzerland have the oldest directors at 61 years. The average age of chairmen on Russian boards is 58.1 years, which is also a one-year increase. Female directors on Russian boards are significantly younger than their male counterparts: 49.8 years compared to 54.6 years.

The average age of CEOs is 54.9 years, while the average age of all executive directors on the board is 52.5, an increase from 49.2 years in 2016.





RUSSIA BOARD INDEX 2017 9

THE BROADER VIEW: Average age of directors

	Russia	Belgium	Denmark	Finland	France	Germany	Italy	Netherlands	Norway	Poland	Spain	Sweden	Switzerland	Turkey	UK	USA
Average	54.3	57.7	58.3	57.9	58.8	61	58.4	61	56.2	55.5	60.4	57.8	61.1	59.7	56.7	62.6

LENGTH OF SERVICE

The average tenure of non-executive directors is 4.3 years, rising from 3.1 years in 2016. Chairman tenure has also increased, to 5.4 years (4.2 years in 2016), as did tenure of executive directors, to 6.8 years.

Average tenure of directors

	2017	2016	2015	2014
Chairmen (in role)	5.4	4.2	4.7	5.8
Non-executive directors (on board)	4.3	3.1	3.8	3.8
Executive directors (on board)	6.8	6.1	6.3	6.3
All (on board)	4.7	3.9	4.2	4.3

THE BROADER VIEW: Average tenure

	Russia	Belgium	Denmark	Finland	France	Germany	Italy	Netherlands	Norway	Poland	Spain	Sweden	Switzerland	Turkey	UK	USA	
Average	4.3	6.1	4.8	4.8	5.9	6.3	5.3	4.9	4.3	3.4	5.3	5.3	6.6	5.7	4.4	8.2	

EXTERNAL COMMITMENTS

Non-executive directors in Russia sit on an average of 1.7 boards, which is the same as last year. Chairmen serving on Russian boards, however, hold on average 1.9 board seats, which is slightly above last year's figure of 1.8. Twenty per cent of executive directors in Russia also sit on an external board.

Board meetings and evaluation

BOARD MEETINGS

Russian boards continue to meet the most frequently in Europe when meetings that take place in absentia are included alongside in-person meetings. This takes the average number of meetings to 23.4 (in person and in absentia), although this is a decrease from 25 reported in the previous year's Board Index. The nearest comparable country is Turkey where boards meet on average 17.9 times per annum.

When in-person meetings only are counted, the average decreases to 6.8 which, along with Germany at 6.7, is the lowest among the countries in our sample.

Board meetings in person

	<5	5	6	7	8	9	10	11	>11	Unknown
Number of companies	12	3	4	1	4	5	2	1	3	8

Board meetings in absentia + in person

	<5	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 39	40 – 59	60+	Unknown
Number of companies	0	4	8	9	6	7	3	2	3	1

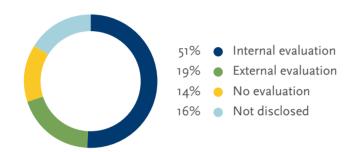
THE BROADER VIEW: Scheduled board meetings

	Russia	Belgium	Denmark	Finland	France	Germany	Italy	Netherlands	Norway	Poland	Spain	Sweden	Switzerland	Turkey	UK	USA
Average	6.8	8.4	9	11.8	9	6.7	11.6	7.4	9	9.5	10.8	9.9	9	17.9	7.7	8.2

BOARD EVALUATION

In 2016, 19% of companies used an external facilitator to provide a board evaluation. This figure is the highest we have seen in the three years we have collected data in this area, an increase from 11% in 2015 and 6% in 2014. The Russian Code of Corporate Governance recommends that independent evaluations of the board's work be conducted by third parties at least once every three years. Beyond this, boards should evaluate their work annually through internal or external evaluations. In our sample, 30% of companies either did not conduct evaluations in 2016 or did not disclose information in this regard.

Board evaluations by type



Board committees

The average number of committees per board is 3.3, on a par with last year. All companies in our sample have more than one committee except for Surgutneftegas, which only has an audit committee.

Committees of Russian boards

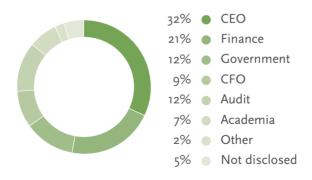
			Number of	committees		
	1	2	3	4	5	6
Percentage of companies	2.3%	11.6%	51.2%	20.9%	11.6%	2.3%

AUDIT COMMITTEE

While all companies have an audit committee, as recommended by the Russian Code of Corporate Governance, 9.3% of companies combine their audit committee with the risk committee. Alrosa is the only company to have appointed a woman in the role of audit committee chairman

For the first time, we looked at the experience of audit committee chairmen. Almost onethird have a CEO or general management background, and just over one-fifth have worked in the finance function.

Audit committee chairmen experience



RUSSIA BOARD INDEX 2017

REMUNERATION AND NOMINATION COMMITTEE

All except one of the organisations surveyed have a remuneration committee. At 86% of companies it is combined with the nomination committee. Only 9.3% of companies do not combine the remuneration committee with another committee. Only 7% of companies have a standalone nomination committee.

COMMITTEE MEETINGS

As seen with overall board meeting averages, the average number of committee meetings in Russia is significantly higher than in other European countries. Audit committees in Russia met just over eight times on average in 2016. At United Wagon Company the audit committee met only twice, while at Inter RAO the same committee met 23 times.

Average number of meetings

	Audit	Remuneration	Nomination
Number of meetings	8.1	7.1	7.3

Remuneration

Data on remuneration in Russia is among the least transparent in Europe, with only 10 companies disclosing figures on individual board director remuneration. Three companies do not disclose any remuneration data. The remaining survey constituents all give a figure for entire board compensation, and many also disclose the retainer amounts pertaining to board and committee membership. Five companies state that additional attendance fees may be paid; however, they vary greatly depending on the role and location of the board director.

Board remuneration policies in Russia are also highly diverse. Some companies compensate in foreign currency, while others state that they have adopted policies that offset the potential devaluation of the Russian ruble. On average, total board spending increased by 13.6% over 2015 figures, with Aeroflot having the largest increase in total board spending, at 165%. However, this can be attributed to the fact that the company paid out on a stock option plan in 2016 and not in 2015.

CHAIRMEN

The average chairman fee is 13,748,824 \mathbb{P} (€185,342), which is a slight decrease from last year's figure of 14,251,830 \mathbb{P} (€209,834). This is from a sample of 26 companies — the remaining sample constituents do not disclose this data. FGC UES had the lowest retainer at 900,000 \mathbb{P} (€12,133), while Nornickel had the highest at 66,945,470 \mathbb{P} (€902,464).

THE BROADER VIEW: Average fees for chairmen*

Country	Average fees	Country	Average fees
ıssia	€ 185,342	Norway	€ 68,109
elgium	€ 118,497	Poland	€ 47,461
Denmark	€ 194,392	Spain	€ 316,946
Finland	€ 133,069	Sweden	€ 239,701
France	€ 627,654	Switzerland	€ 1,913,819
Germany	€ 374,869	Turkey	n/a
Italy	€ 879,000	UK	€ 314,731
Netherlands	€ 254,319	USA	€ 346,683

^{*} Information on the companies included can be found on page 18

RUSSIA BOARD INDEX 2017

NON-EXECUTIVE DIRECTORS

While the final director remuneration is voted on at the annual shareholder meeting, many companies remunerate based upon the overall company profit. Some pay fixed fees, others provide an additional bonus that is benchmarked to the overall performance of the company. One company did not disclose payments to directors, although they state that directors were offered a restricted share unit (RSU) exchange on their outstanding options. Of the companies for which individual remuneration data was available, the average retainer fee for independent, non-executive directors was 7,858,262₱ (€ 105,934). When taking into account additional remuneration paid for committee membership, the average total fee paid to non-executive directors was 10,536,075₱ (€142,032).

Rosneft board directors were again the highest paid, receiving an annual retainer fee of 33,472,735 (451,230). Directors serving a full year on the Rosneft board attend 27 meetings, five of which are in person. The smallest retainer paid to non-executive directors is 40,000 (539), awarded by NMTP.

THE BROADER VIEW: Average fees for non-executive directors*

Country	Average fees	Country	Average fees
	€ 142,032	Norway	€ 40,034
ium	€ 51,859	Poland	€ 33,531
nmark	€ 85,462	Spain	€ 131,518
lland	€ 70,307	Sweden	€ 77,338
ance	€ 87,780	Switzerland	€ 272,673
rmany	n/a	Turkey	€ 58,089
ly	€ 92,000	UK	€ 107,106
etherlands	€ 93,699	USA	€ 260,984

^{*} Information on the companies included can be found on page 18

COMMITTEE REMUNERATION

For the first time, we have looked at committee membership fees, as just over half of all companies in our sample disclose retainer details.

The average audit committee chairman fee was 2,086,659 ($\le 28,129$) and the average audit committee membership fee was 946,370 ($\le 12,758$). For the remuneration committee chairmen, the average fee was 2,014,326 ($\le 27,154$) while the average member received 988,451 ($\le 13,325$).

The average nomination chairman fee was 2,134,932 (ϵ 28,780) and the average nomination member fee was 1,044,999 (ϵ 14,087).

Comparison Tables

International comparison

In this edition of the Russia Board Index, we provide two sets of tables.

In addition to the detailed company data for the top companies from the Russia Trading System (RTS) Index (beginning on page 24), we are publishing a chart comparing aggregated data from 17 countries (pages 20-23).

All data is taken from individual country Board Indexes published by Spencer Stuart in 2017.

Visit the Spencer Stuart website and discover "Boards Around the World", a visual tool that compares the composition, diversity, compensation and board evaluation practices of different countries.

Composition information

BELGIUM	BeL20 + BelMid
CANADA	100 TSX Listed Companies (revenue C\$1billion to C\$53.3 billion)
DENMARK	OMX Copenhagen
FINLAND	OMX Helsinki
FRANCE	CAC40
GERMANY	DAX30
ITALY	38 (FTSE MIB) + 62 (Mid Cap, Small Cap, Other)
NETHERLANDS	AEX
NORWAY	Oslo Stock Exchange
POLAND	WIG
RUSSIA	Top companies from the Russia Trading System (RTS) Index
SPAIN	IBEX-35 + top companies by market cap
SWEDEN	OMX Stockholm
SWITZERLAND	SMI
TURKEY	BIST 30
UK	FTSE 150
USA	S&P 500

Denmark, Finland, Norway and Sweden's top companies are analysed together in the *Nordic Board Index*

INTERNATIONAL COMPARISON FOOTNOTES

General

N/A = Not applicable.

A blank cell denotes that either the information is not available or we did not include it our research.

Belgium

- 1 11 companies did not disclose whether they conducted a board evaluation
- 2 One company does not disclose
- 45 companies do not remunerate company separate
- 4 Five companies do not remunerate chairman
- 5 12 companies do not remunerate
- 6 18 companies do not remunerate

Canada

- 7 Does not include companies with term limits.
- 8 Includes share grants

Denmark

- 9 Age of the only executive director
- 10 Excludes employee representatives

Finland

- 11 3 companies have employee representatives on the board
- 12 Age of the only executive director
- 13 Excludes employee representatives
- 14 Fee calculated by multiply per meeting fee by number of meetings held in 2016

France

- 15 70 % of external evaluations done by Spencer Stuart in 2016 and 80 % of the CAC 40 companies perfom an external evaluation at least every 3 years
- 16 Including chairmen who are also CEO
- 17 According to Afep/Medef corporate governance code (Employees excluded)
- 18 85 % of the CAC 40 companies have set up a limit which is individual for 35 % of them and collective for the 50 % left (Maximum 1/3 of board members>70 years old)
- 19 Additional remuneration for vice-chairmen or lead directors (paid in addition to ordinary director's fees)
- 20 Non-executive chaimen only
- 21 Total additionnal fee for remuneration committee, calculation based on the number of meetings held during 2016 FY
- 22 45 % of remuneration and nominations committees are merged

Germany

- 23 Average minimum proportion of members that shall be independent
- 24 Remunerations committees are very rare in Germany
- 25 Except for banks, German nominations committees only deal with non-executive director nominations and committee membership is rarely compensated

Italy

- 26 "Only four companies have set an age restriction for directors; the age limits are 75 (3 companies) and 77 Three companies have an age restriction for CEOs and the age limits are 67 and 65 (2 companies) Two companies have an age restriction for chairmen and the age limits are 65 and 70"
- 27 Average fee for SIDs is € 90,000
- 28 Only 20 companies in the Index have an Executive Committee

Netherlands

- 29 One company did not disclose whether they conducted a board evaluation
- 30 9 companies do not disclose

Norway

31 Excludes employee representatives

Poland

- 32 2 companies have employee representatives on the board
- 33 Excludes 76 of 160 directors whose age is not disclosed
- 34 Excludes 8 chairmen whose age is not disclosed
- 35 Excludes 64 of 134 directors whose age is not disclosed
- 36 Excludes employee representatives

Russia

- 37 8 companies do not disclose
- 38 incompanies did not disclose whether they conducted a board evaluation
- 39 16 companies do not disclose remuneration
- 40 34 companies do not disclose remuneration
- 41 42 companies do not disclose remuneration
- 42 22 companies do not disclose remuneration
- 43 23 companies do not disclose remuneraiton
- 44 24 companies do not disclose remuneration
- 45 26 companies do not disclose remuneration

Spain

- 46 Top 50 companies only
- 47 Includes both executive and non-executive directors
- 48 Average additional fee paid to senior/lead independent directors
- 49 Only 14 % of companies in Spain have divided the nominations & remunerations committee into separate commmittees. The average fee for members of the nominations & remunerations committee is 18.543€

Sweden

50 Excludes employee representatives

Switzerland

51 Excludes social contributions

Turkey

52 9 companies do not disclose

UK

- 53 TUI is the only company without a senior independent director as it has a two-tier board.
- 54 94 % of non-executive directors are independent
- 55 Includes the 142 part-time chairmen only. Six chairmen are full-time and remunerated on a different basis. Two chairmen receive no fee.
- 56 Based on 47 companies that have a nomination chairman separately remuneration for this role

USA

- 57 CEOs only
- 58 Average tenure of independent directors only
- Non-executive chairmen only

		BELGIUM	CANADA	DENMARK	FINLAND	FRANCE	GERMANY	ITALY	NETHERLAND	S NORWAY	POLAND	RUSSIA	SPAIN	SWEDEN	SWITZERLAND	TURKEY	UK	USA
	Size of sample	58	100	25	25	40	30	100	25	25	20	43	100	25	20	29	150	491
	Supervisory board/unitary board of directors	1/57	n/a	25/0	0/25	5/35	30/0	2/97	18/7	0/25	20/0	7/36	0/100	0/25	0/20	0/29	1/149	0/491
RMATION	Average number of board meetings per year	8.4	8	9	11.8	9	6.7	11.6	7.4	8.9	9.5	6.837	10.8	9.9	9	17.9 ⁵²	7.8	8.2
ERAL INFO	% companies that conducted an external board evaluation	8.6 %1	n/a	16 %	12 %	40 %15	17 %	28 %	20 %29	12 %	0 %	18.6 %38	30 %	12 %	15 %	n/a	43.3 %	2%
GEN	Combined chairman and CEO	1.7 %	12 %	0 %	0 %	52.5 %	n/a	19 %	4 %	0 %	0 %	0 %	66 %	4 %	0 %	13.8 %	0.67 %	49 %
	% boards with senior independent director (SID)	1.7 %	32 %	0 %	0 %	48 %	n/a	39 %	16 %	0 %	0 %	20.9 %	63 %	4 %	15 %	0 %	99.3 %53	85 %
	% of boards with vice/deputy chairmen	20.7 %	18 %	100 %	96 %	73 %	30 %	50 %	68 %	52 %	75 %	41.9 %	-	48 %	85 %	93.1 %	10 %	-
	Average board size (total)	10.1	11	9.8	8.2	13.9	16.3	11.5	8.3	8.4	8	10.4	11	10.9	10.6	9.9	10.2	10.8
	Average board size (excl. employee representatives)	10.1	10	6.8	811	12.3	8.7	n/a	n/a	6.1	7.732	n/a	n/a	9.2	n/a	n/a	10.1	n/a
BOARD	Average number of independent board members	4.7	9.1	5.3	6.7	8.5	-	5.9	6.9	4.6	3.8	3.8	4.8	6.4	8.9	3.1	6.2	9.2
	% independent board members	45.9 %	80 %	77.2 %	84 %	69.1 %	60 %23	51 %	83.6 %	76.3 %	49.4 %	36.7 %	44 %	69.6 %	84 %	32.7 %	61.454	85 %
	Average number of non-executive directors	7.8	9	5.8	7	10.9	7.7	8.6	6.8	5	6.7	7.8	8.7	7.5	9.3	7.9	6.6	1.6
	Average number of executive directors	0.6	1	0	0.04	1	n/a	2.4	0.5	0	0	1.7	1.8	0.8	0	1.2	2.5	15 %
	Av. age: all directors	57.7	62	58.3	57.9	58.8	61	58.4	61	56.2	55.533	54.3	60.4	57.8	61.1	59.7	56.7	62.6
	Av. age chairmen	62.6	64	61.7	61	61.6	68	64.9	65.9	65.4	54.134	58.1	64.2	63.9	63.2	60	64.8	-
	Av. age CEOs who sit on the board	54.8	56	n/a	57.4	58.5	n/a	57.6	58.1	n/a	n/a	51.8	55.346	54.1	56.5	57.4	54.8	57.4
AGE	Av. age all CEOs, including those not on the board	54.5	56	54.5	55.8	57.7	n/a	58	56.7	45.4	53.1	54.9	55.3	54.6	54.3	56.2	53.9	57.4
	Av. age: non-executive directors	57.5	62	57.8	57.5	59.4	61	58.5	60.9	54.9	55.635	54.1	-	57.4	61	60.3	59.9	63.1
	Av. age: executive directors	55.3	57	46.6°	57.412	58.7	n/a	58.1	53.3	63.9	n/a	52.5	-	53.7	58	55.8	53.4	-
	% foreign board members (all)	31.2 %	27 %	42.1 %10	36.5 %13	37 %	31 %	9.4 %	57 %	24.3 %31	18.8 % ³⁶	22.8 %	19 %	30.9 %50	59 %	16 %	32.3	7 %
z	% foreign chairmen	13.8 %	15 %	28 %	16 %	23 %	20 %	5 %	32 %	8 %	10 %	20.9 %	6 %	12 %	42.9 %	6.9 %	21.3	-
OREIGN	% foreign non-executive directors	32 %	29 %	44.8 %	39.7 %	40 %	31 %	11 %	59.4 %	27.8 %	20.1 %	26.6 %	20.4 %	36.4 %	60.9 %	17.9 %	35.6	-
ш	% foreign executive directors	33.8 %	16 %	0 %	0 %	21 %16	n/a	4.5 %	76.9 %	0 %	n/a	2.8 %	9 %	0 %	71.4 %	8.6 %	22.3	-
	Av. # nationalities represented on the board	3.1	-	3.4	3.2	5	3.1	1.8	4.3	2.2	1.7	2.8	-	3.3	6	1.9	3.3	-
	% female board directors (all)	30.4 %	26.8 %	28 %10	33 %13	42 %17	28.7 %	31 %	30.4 %	45.4 %31	21.4 %36	8.1 %	17 %	38.3 %50	22.2 %	11.1 %	25.5	22.2 %
	% female chairmen	5.2 %	8 %	0 %	4 %	2.5 %	3.3 %	9 %	4 %	12 %	30 %	0 %	7 %	8 %	4.8 %	6.9 %	4.7 %	6 %
GENDER	% female CEOs	9.8 %	4 %	8 %	0 %	2.5 %	n/a	8 %	0 %	0 %	0 %	0 %	2 %	12 %	0 %	4.3 %	5.6 %	6.2 %
GEN	% female non-executive directors	36.2 %	31 %	33.1 %	37.4 %	46 %	32 %	37 %	32 %	52.4 %	20.1 %	10.2 %	19.5 %	44.9 %	24.9 %	12.2 %	34.8 %	-
	% female executive directors	14.9 %	5 %	0 %	0 %	2.6 %	n/a	10 %	7.7 %	0 %	n/a	2.8 %	3.4 %	10.5 %	0 %	11.4 %	8.9 %	-
	% boards with at least one female director	100 %	99 %	96 %	100 %	100 %	100 %	99 %	84 %	100 %	80 %	48.8 %	90 %	100 %	95 %	62.1 %	98.7 %	99.2 %

	BELGIUM	CANADA	DENMARK	FINLAND	FRANCE	GERMANY	ITALY	NETHERLAI	NDS I	NORWAY	POLAND	RUSSIA	SPAIN	SWEDEN	SWITZERLAND	TURKEY	UK	USA
% new board members	10.4 %	8 %	17.5 %	16 %	17.9 %	19.7 %	18 %	9.2 %		17.8 %	27.5 %	18.8 %	14.6 %	15.2 %	9.9 %	12.2 %	12 %	7.5 %
% women among new board members	45.9 %	41 %	33.3 %	50 %	37.5 %	40 %	46 %	36.8 %		40.1 %	27.3 %	11.9 %	28 %	40 %	33.3 %	5.6 %	42 %	36 %
% non-nationals among new board members	42.1 %	40 %	56.7 %	53.1 %	35.9 %	13.3 %	12 %	68.4 %		33.3 %	9 %	20.2 %	39 %	34.3 %	71.4 %	19.4 %	43.3 %	8 %
Av. # quoted boards per director (total)	1.9	2	1.9	1.8	2.1	-	3.4	2.1		1.7	1.2	1.7	1.1	2.5	2.2	1.8	2.0	2.1
Av. # quoted boards per chairman (total)	2.4	2	2.3	2.3	2	2.8	3.8	2.4		2.2	1.2	1.9	1.3	2.9	2.4	2.6	2.4	1.457
% executive directors with an outside board	29.9 %	39 %	0 %	0 %	56 %	-	52.5 %	38.5 %		0 %	n/a	19.7 %	9.6 %	57.9 %	14.3 %	20 %	26.4 %	46 %
% non-executives with a full-time executive role	70.1 %	-	65.9 %	56.3 %	58 %	31 %		39.4 %		77.8 %	74.6 %	74.3 %	-	50.8 %	44.3 %	53.8 %	31.5 %	
% companies with a mandatory retirement age	46.6 %	26 %7	64 %	8 %	35 % ¹⁸	83.3 %	4 %	16 %		n/a	n/a	0 %	23 %	n/a	55 %	0 %	0 %	73 %
Average mandatory retirement age	69.9	73	70.8	66.5	72.1	-	75.5 ²⁶	72.3		n/a	n/a	n/a	72.1	n/a	71.3	n/a	n/a	73
Average tenure (chairman and non-executives)	6.1	7.8	4.8	4.8	5.9	6.3	5.3	4.9		4.3	3.4	4.3	5.3 ⁴⁷	5.3	6.6	5.7	4.4	8.258
Av. retainer for non-executive directors (excluding chair and vice chair/SID)	€ 30,589	€ 108,7448	€ 51,968	€ 55,436	€ 34,900	€ 83,867	€ 59,000	€ 68,712	2 :	€ 31,532	€ 32,539	€ 105,934³9	€ 71,758	€ 62,416	€ 197,458	€ 58,089	€ 82,295	€ 108,771
Av. total fees for non-executive directors (excluding chair and vice chair/SID)	€ 51,859 ²	€ 123,648	€ 85,462	€ 70,307	€ 87,780	-	€ 92,000	€ 93,699) :	€ 40,034	€ 33,531	€ 142,032 ⁴⁰	€ 131,518	€ 81,656	€ 272,673 ⁵¹	€ 58,089	€ 107,106	€ 260,984
Av. total fee for vice chairman (or SID)	€ 98,501 ³	€ 153,562	€ 130,790	€ 93,784	€ 53,513 ¹⁹	-	€ 616,000 ²⁷	€ 133,823	30	€ 42,280	€ 33,771	n/a ⁴¹	€ 30,29248	€ 110,408	€ 389,317	n/a	€ 129,779	-
Av. total fee for chairmen	€ 118,497 ⁴	€ 272,999	€ 194,392	€ 133,069	€ 627,654 ²⁰	€ 374,869	€ 879,000	€ 254,31	9	€ 68,109	€ 47,461	€ 185,342 ⁴²	€ 316,946 ⁴⁹	€ 239,701	€ 1,913,819	n/a	€ 314,731 ⁵⁵	€ 346,683 ⁵⁹
Av. fee for audit committee membership	€ 11,6955	€ 5,877	€ 20,874	€ 5,48214	€ 20,851 ²¹	€ 42,458	€ 18,000	€ 13,432	2	€ 7,670	n/a	€ 12,758 ⁴³	€ 26,92549	€ 16,859	€ 49,806	n/a	€ 16,720	€ 12,146
Av. fee for remuneration committee membership	€ 7,754 ⁵	€ 5,432	€ 16,683	€ 4,521 ¹⁴	€ 16,198 ^{21,22}	_24	€ 13,000	€ 9,895		€ 4,485	n/a	€ 13,325 ⁴⁴	€ 42,703	€ 10,738	€ 36,653	n/a	€ 15,468	€ 10,666
Av. compensation for nomination committee membership	€ 8,0426	€ 4,792	€ 15,713	€ 3,80014	€ 15,625 ^{21,22}	_25	€ 12,000	€ 8,880		n/a	n/a	€ 14,087 ⁴⁵	€ 42,188	n/a	€ 38,736	n/a	€ 10,19856	€ 8,522
Average board size of executive committee	6.5	-	5.5	9.8	12	-	5 ²⁸	5.6		8.3	6.3	9.8	-	9.7	10.2	8.9	-	-
% foreigners on the executive committee	34 %	-	42 %	35 %	35 %	-	6.5 %	54 %		19 %	11.9 %	4.0 %	-	21.8 %	62.1 %	5.4 %	-	-
% women on the executive committee	18.2 %	-	13.3 %	18.9 %	15 %	-	12 %	11.5 %		23.6 %	11.9 %	11.6 %	-	24.3 %	8.4 %	8.9 %	-	-
	% women among new board members % non-nationals among new board members Av. # quoted boards per director (total) Av. # quoted boards per chairman (total) % executive directors with an outside board % non-executives with a full-time executive role % companies with a mandatory retirement age Average mandatory retirement age Average tenure (chairman and non-executives) Av. retainer for non-executive directors (excluding chair and vice chair/SID) Av. total fees for non-executive directors (excluding chair and vice chair/SID) Av. total fee for vice chairman (or SID) Av. total fee for chairmen Av. fee for audit committee membership Av. compensation for nomination committee membership Average board size of executive committee % foreigners on the executive committee	% new board members 10.4 % % women among new board members 45.9 % % non-nationals among new board members 42.1 % Av. # quoted boards per director (total) 1.9 Av. # quoted boards per chairman (total) 2.4 % executive directors with an outside board 29.9 % % non-executives with a full-time executive role 70.1 % % companies with a mandatory retirement age 69.9 Average mandatory retirement age 69.9 Average tenure (chairman and non-executives) 6.1 Av. retainer for non-executive directors (excluding chair and vice chair/SID) € 30,589 Av. total fees for non-executive directors (excluding chair and vice chair/SID) € 98,501³ Av. total fee for vice chairman (or SID) € 98,501³ Av. total fee for chairmen € 118,497⁴ Av. fee for remuneration committee membership € 11,695⁵ Av. fee for remuneration committee membership € 7,754⁵ Av. compensation for nomination committee membership € 8,0426° Average board size of executive committee 6.5 % foreigners on the executive committee 34 %	% new board members 10.4 % 8 % % women among new board members 45.9 % 41 % % non-nationals among new board members 42.1 % 40 % Av. # quoted boards per director (total) 1.9 2 Av. # quoted boards per chairman (total) 2.4 2 % executive directors with an outside board 29.9 % 39 % % non-executives with a full-time executive role 70.1 % - % companies with a mandatory retirement age 69.9 73 Average mandatory retirement age 69.9 73 Average tenure (chairman and non-executives) 6.1 7.8 Av. retainer for non-executive directors (excluding chair and vice chair/SID) € 30,589 € 108,7448 Av. total fees for non-executive directors (excluding chair and vice chair/SID) € 51,859² € 123,648 Av. total fee for vice chairman (or SID) € 98,501³ € 13,662 Av. total fee for chairmen € 118,497⁴ € 272,999 Av. fee for audit committee membership € 11,695⁵ € 5,432 Av. compensation for nomination committee membership € 8,0426 € 4,792 Average board size of executive committee 6.5 - % foreigners on the executive committee 34 % -	% new board members 10.4 % 8 % 17.5 % % women among new board members 45.9 % 41 % 33.3 % % non-nationals among new board members 42.1 % 40 % 56.7 % Av. # quoted boards per director (total) 1.9 2 1.9 Av. # quoted boards per chairman (total) 2.4 2 2.3 % executive directors with an outside board 29.9 % 39 % 0 % % non-executives with a full-time executive role 70.1 % - 65.9 % % companies with a mandatory retirement age 69.9 73 70.8 Average mandatory retirement age 69.9 73 70.8 Average tenure (chairman and non-executive directors (excluding chair and vice chair/SID) € 30,589 € 108,7448 € 51,968 Av. total fees for non-executive directors (excluding chair and vice chair/SID) € 51,859² € 123,648 € 85,462 Av. total fee for vice chairman (or SID) € 98,501³ € 153,562 € 130,790 Av. total fee for chairmen € 118,497⁴ € 272,999 € 194,392 Av. fee for remuneration committee membership € 1,7754³ € 5,432 € 16,683	% new board members 10.4 % 8 % 17.5 % 16 % % women among new board members 45.9 % 41 % 33.3 % 50 % % non-nationals among new board members 42.1 % 40 % 56.7 % 53.1 % Av. # quoted boards per director (total) 1.9 2 1.9 1.8 Av. # quoted boards per chairman (total) 2.4 2 2.3 2.3 % executive directors with an outside board 29.9 % 39 % 0 % 0 % % companies with a full-time executive role 70.1 % - 65.9 % 56.3 % % companies with a mandatory retirement age 46.6 % 26 %7 64 % 8 % Average mandatory retirement age 69.9 73 70.8 66.5 Average tenure (chairman and non-executive directors (excluding chair and vice chair/SID) € 30,589 € 108,7448 € 51,968 € 55,436 Av. total fees for non-executive directors (excluding chair and vice chair/SID) € 118,4974 € 123,648 € 85,462 € 70,307 Av. total fee for vice chairman (or SID) € 98,5013 € 153,562	% new board members 10.4 % 8 % 17.5 % 16 % 17.9 % % women among new board members 45.9 % 41 % 33.3 % 50 % 37.5 % % non-nationals among new board members 42.1 % 40 % 56.7 % 53.1 % 35.9 % Av. # quoted boards per director (total) 1.9 2 1.9 1.8 2.1 Av. # quoted boards per chairman (total) 2.4 2 2.3 2.3 2 % executive directors with an outside board 29.9 % 39 % 0 % 0 % 56 % % non-executives with a full-time executive 70.1 % - 65.9 % 56.3 % 58 % % companies with a mandatory retirement age 46.6 % 26 %' 64 % 8 % 35 %¹³ Average mandatory retirement age 69.9 73 70.8 66.5 72.1 Average tenure (chairman and non-executive directors (excluding chair and vice chair/SID) € 30,589 € 108,744* € 51,968 € 55,436 € 34,900 Av. total fee for non-executive directors (excluding chair and vice chair/SID) € 98,50	% new board members 10.4 % 8 % 17.5 % 16 % 17.9 % 19.7 % % women among new board members 45.9 % 41 % 33.3 % 50 % 37.5 % 40 % % non-nationals among new board members 42.1 % 40 % 56.7 % 53.1 % 35.9 % 13.3 % Av. # quoted boards per director (total) 1.9 2 1.9 1.8 2.1 - Av. # quoted boards per chairman (total) 2.4 2 2.3 2.3 2 2.8 % executive directors with an outside board role 29.9 % 39 % 0 % 0 % 56 % - % non-executives with a full-time executive role 70.1 % - 65.9 % 56.3 % 58 % 31 % % companies with a mandatory retirement age 46.6 % 26 %² 64 % 8 % 35 %¹³ 83.3 % Average mandatory retirement age 69.9 73 70.8 66.5 72.1 - Average terure (chairman and non-executive directors (excluding chair and vice chair/SID) € 51,859² € 108,744²	8 new board members 10.4 % 8 % 17.5 % 16 % 17.9 % 19.7 % 18 % % women among new board members 45.9 % 41 % 33.3 % 50 % 37.5 % 40 % 46 % % non-nationals among new board members 42.1 % 40 % 56.7 % 53.1 % 35.9 % 13.3 % 12 % Av. # quoted boards per director (total) 1.9 2 1.9 1.8 2.1 - 3.4 M. # quoted boards per chairman (total) 2.4 2 2.3 2.3 2 2.8 3.8 % executive directors with an outside board 29.9 % 39 % 0 % 0 % 56 % - 52.5 % % non-executives with a full-time executive role 70.1 % - 65.9 % 56.3 % 58 % 31 % - % companies with a mandatory retirement age 46.6 % 26 %7 64 % 8 % 35 %1 83.3 % 4 % Average tenure (chairman and non-executive directors (excluding chair and vice chair/SID) 6.1 7.8 4.8 4.8 <t< td=""><td>Knew board members 10.4% 8.% 17.5% 16% 17.9% 19.7% 18.% 2.7% % women among new board members 45.9% 41 % 33.3% 50 % 37.5% 40 % 46 % 36.8% Arc # quoted boards per director (total) 1.9 2 1.9 1.8 2.1 3.4 2.7% 3.4 2.1 % executive directors with an outside board 2.99 3.9% 0.% 0.% 56% 2.8 3.8 3.8 2.4 % executive directors with a nuclside board 2.99 3.9% 0.% 0.% 56% 2.55.5% 3.8 2.4 2.4 % executive directors with a full-time executive role 0.01 % 2.6 5.9% 0.63.3 58% 3.1% 2.5 3.8 3.8 2.6 3.8 <</td><td>Knew board members 10.4% 8.% 17.5% 16% 17.9% 19.7% 18.% 18% 9.2% % women among new board members 45.9% 41.% 33.3% 50% 37.5% 40% 46% 66% 38.8% % non-national saming new board members 42.1% 40% 56.7% 53.1% 35.9% 13.3% 12.6% 12.6% 21.0 3.4 2.1 2.1 2.1 3.4 2.1 2.1 2.1 3.4 2.1 2.1 3.4 2.1 2.1 3.4 2.1 2.1 3.4 2.1 2.1 3.4 2.1 2.1 3.4 2.1 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 3.5 3.5 3.5 3.8 3.5 3.3 3.4 3.4 3.4 3.5 3.5 3.5 3.5 3.2 3.5</td><td>Seme board members 10.4 8% 17.5 16% 17.9 19.7% 18.9% 18.9% 19.2% 17.8% 19.2% 18.9% 18.9% 18.9% 19.7% 18.9% 18.9% 18.9% 40.9% 18.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 33.3% 33.9% 33.9% 12.9% 33.4% 12.9% 33.4% 12.9% 33.4% 22.9% 33.4% 12.9% 33.4% 22.9% 33.4% 22.9% 33.4% 22.9% 33.4% 22.9% 33.8% 22.9% 33.8% 22.9% 33.9% 25.5%</td><td>Keen board members 10.4% 18% 17.5% 16% 17.9% 19.7% 13% 18% 2.2% 17.8% 27.9% % word among new board members 45.9% 11% 33.3% 59.8% 37.5% 40% 46% 36.8% 30.3% 37.3% None-rational samong new board members 42.1% 40% 55.9% 53.3% 12.3% 22.4 21 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 12.1 12.1 17. 12.1<td>Keev baard members 10.4% 8.% 17.5% 16.% 17.9% 19.7% 18.% 19.7% 18.% 27.5% 18.8% 19.8% 27.5% 28.8% 19.8%</td><td>Serve board members 10.48 8.89 17.59 18.79 18.59<td>Kee-board members 10.4% 8.% 17.5% 16.9% 17.5% 16.9% 18.9% 18.8% 16.2% 18.2%</td><td>Kince bound members 10.4 8.8 17.5 10.5 18.9</td></td></td></t<> <td>Keen beard members 10.45 3.84 17.54 17.95 19.95 18.95 18.95 18.95 19.95 18.95</td> <td>Method bord in methods 134 8 175 176 178</td>	Knew board members 10.4% 8.% 17.5% 16% 17.9% 19.7% 18.% 2.7% % women among new board members 45.9% 41 % 33.3% 50 % 37.5% 40 % 46 % 36.8% Arc # quoted boards per director (total) 1.9 2 1.9 1.8 2.1 3.4 2.7% 3.4 2.1 % executive directors with an outside board 2.99 3.9% 0.% 0.% 56% 2.8 3.8 3.8 2.4 % executive directors with a nuclside board 2.99 3.9% 0.% 0.% 56% 2.55.5% 3.8 2.4 2.4 % executive directors with a full-time executive role 0.01 % 2.6 5.9% 0.63.3 58% 3.1% 2.5 3.8 3.8 2.6 3.8 <	Knew board members 10.4% 8.% 17.5% 16% 17.9% 19.7% 18.% 18% 9.2% % women among new board members 45.9% 41.% 33.3% 50% 37.5% 40% 46% 66% 38.8% % non-national saming new board members 42.1% 40% 56.7% 53.1% 35.9% 13.3% 12.6% 12.6% 21.0 3.4 2.1 2.1 2.1 3.4 2.1 2.1 2.1 3.4 2.1 2.1 3.4 2.1 2.1 3.4 2.1 2.1 3.4 2.1 2.1 3.4 2.1 2.1 3.4 2.1 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 2.1 3.4 3.5 3.5 3.5 3.8 3.5 3.3 3.4 3.4 3.4 3.5 3.5 3.5 3.5 3.2 3.5	Seme board members 10.4 8% 17.5 16% 17.9 19.7% 18.9% 18.9% 19.2% 17.8% 19.2% 18.9% 18.9% 18.9% 19.7% 18.9% 18.9% 18.9% 40.9% 18.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 40.9% 33.3% 33.9% 33.9% 12.9% 33.4% 12.9% 33.4% 12.9% 33.4% 22.9% 33.4% 12.9% 33.4% 22.9% 33.4% 22.9% 33.4% 22.9% 33.4% 22.9% 33.8% 22.9% 33.8% 22.9% 33.9% 25.5%	Keen board members 10.4% 18% 17.5% 16% 17.9% 19.7% 13% 18% 2.2% 17.8% 27.9% % word among new board members 45.9% 11% 33.3% 59.8% 37.5% 40% 46% 36.8% 30.3% 37.3% None-rational samong new board members 42.1% 40% 55.9% 53.3% 12.3% 22.4 21 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 17. 12.1 12.1 12.1 17. 12.1 <td>Keev baard members 10.4% 8.% 17.5% 16.% 17.9% 19.7% 18.% 19.7% 18.% 27.5% 18.8% 19.8% 27.5% 28.8% 19.8%</td> <td>Serve board members 10.48 8.89 17.59 18.79 18.59<td>Kee-board members 10.4% 8.% 17.5% 16.9% 17.5% 16.9% 18.9% 18.8% 16.2% 18.2%</td><td>Kince bound members 10.4 8.8 17.5 10.5 18.9</td></td>	Keev baard members 10.4% 8.% 17.5% 16.% 17.9% 19.7% 18.% 19.7% 18.% 27.5% 18.8% 19.8% 27.5% 28.8% 19.8%	Serve board members 10.48 8.89 17.59 18.79 18.59 <td>Kee-board members 10.4% 8.% 17.5% 16.9% 17.5% 16.9% 18.9% 18.8% 16.2% 18.2%</td> <td>Kince bound members 10.4 8.8 17.5 10.5 18.9</td>	Kee-board members 10.4% 8.% 17.5% 16.9% 17.5% 16.9% 18.9% 18.8% 16.2% 18.2%	Kince bound members 10.4 8.8 17.5 10.5 18.9	Keen beard members 10.45 3.84 17.54 17.95 19.95 18.95 18.95 18.95 19.95 18.95	Method bord in methods 134 8 175 176 178

Board composition

		CHAIRMAN &	ceo	LI	EAD NON-EXE	CUTIVE			EXECUTIVE DII		1		VES APPOINTE 5 - 30 MAY 201			MANAGEN	MENT BOARD	
COMPANY NAME	TOTAL NUMBER OF	CHAIRMAN ALSO	FOREIGN CHAIRMAN	FOREICN CEO	VICE CHAIRMAN	SID LEAD DIRECTOR	NATIONALITIES ON THE BOARD ON CHAIRMAN	TOTAL	INDEPENDENT	FOREIGN	WOMEN	TOTAL	FOREIGN	WOMEN	EXECUTIVES ON THE BOARD (EXCL.	TOTAL NUMBER OF	FOREIGN	WOMEN
ACRON	7	No	No	No	1	1	1	5	3	0	0	0	N/A	N/A	2	6	0	1
AEROFLOT	11	No	No	No	0	0	1	9	3	0	0	1	0	0	1	11	1	0
ALROSA	15	No	No	No	2	0	2	14	4	1	4	2	0	1	0	12	1	0
BASHNEFT	10	No	No	No	0	0	1	8	0	0	1	7	0	1	1	7	0	1
CREDIT BANK OF MOSCOW	10	No	Yes	No	0	1	5	8	3	5	1	2	2	0	1	10	0	3
DIXY	11	No	No	Yes	1	0	3	7	6	3	0	5	2	0	3	5	0	0
FGC UES	11	No	No	No	0	0	2	9	3	1	0	6	1	0	1	9	0	1
GAZPROM	11	No	No	No	1	0	2	7	3	1	0	2	0	0	3	17	0	2
INTER RAO	11	No	No	No	1	0	2	9	5	1	1	2	0	1	1	10	0	1
LSR	10	No	No	No	1	0	2	4	3	1	1	0	N/A	N/A	5	6	0	1
LUKOIL	10	No	No	No	1	0	4	6	5	4	1	1	1	1	3	12	0	0
MAGNIT	7	No	No	No	1	0	1	5	3	0	0	1	0	0	2	4	1	2
MECHEL	9	No	No	No	1	0	1	6	4	0	0	1	0	0	2	8	0	2
MEGAFON	7	No	No	No	0	0	4	6	3	4	1	3	1	0	0	17	1	2
ММК	10	No	No	No	0	0	3	6	5	2	2	0	N/A	N/A	3	13	0	1
MOSCOW EXCHANGE	12	No	No	No	1	0	4	9	6	3	2	2	0	0	1	5	0	1
MOSENERGO	13	No	No	No	0	0	1	11	3	0	2	3	0	1	1	9	0	5
MTS	9	No	Yes	No	1	0	4	7	4	5	1	1	1	0	1	10	1	0
MVIDEO	9	No	Yes	No	0	0	3	6	4	4	0	2	1	0	2	7	2	3
NLMK	9	No	No	No	0	0	4	7	5	5	0	1	1	0	1	8	1	1
NMTP	7	No	No	No	0	0	1	6	1	0	1	4	0	1	0	7	0	0
NORNICKEL	13	No	Yes	No	1	0	4	10	4	2	0	1	0	0	2	13	0	5
NOVATEK	9	No	No	No	0	0	3	7	3	2	0	0	N/A	N/A	1	11	0	0
PHOSAGRO	8	No	Yes	No	0	0	4	6	2	3	0	0	N/A	N/A	2	5	0	0

¹One vice chairman is also a SID

		CHAIRMAN &	CEO	LE	AD NON-EXE	CUTIVE			EXECUTIVE DI			EXECUTIVES APPOIN			MANAGEN	MENT BOARD	
COMPANY NAME	TOTAL NUMBER OF	CHAIRMAN ALSO	FOREIGN	FOREIGN CEO	VICE CHAIRMAN	SID / LEAD DIRECTOR	NATIONALITIES ON THE BORRD ON CHAIRMAN	TOTAL	INDEPENDENT	WOME'S FOREIGN		FOREIGN	WOMEN	EXECUTIVES ON EXECUTIVES ON THE BOARD (EXCL.	TOTAL NUMBER OF	FOREIGN	WOMEN
PIK	9	No	No	No	0	0	1	8	2	0	3	0 N/A	N/A	0	12	0	0
POLYMETAL	9	No	Yes	No	0	1	6	7	4	7	2	0 N/A	N/A	1	14	0	3
POLYUS	9	No	Yes	No	0	0	2	5	2	2	2	0 N/A	N/A	3	14	0	2
ROSNEFT	9	No	No	No	2	0	4	7	3	4)	0 N/A	N/A	1	9	1	0
ROSSETI	15	No	No	No	0	0	1	13	5	0)	5 0	0	1	5	0	0
ROSTELECOM	11	No	No	No	0	1	1	9	4	0)	0 N/A	N/A	1	8	1	1
RUSAL	18	No	Yes	No	0	0	8	14	5	7	4	2 2	0	3	20	1	3
RUSHYDRO	13	No	No	No	1	0	1	11	3	0)	4 0	0	1	5	0	(
SBERBANK	14	No	No	No	2	1	4	12	6	3	2	3 0	1	1	10	0	2
SEVERSTAL	10	No	No	No	0	1	3	7	5	3)	0 N/A	N/A	3	12	1	1
SISTEMA	11	No	No	No	1	0	4	8	6	6)	0 N/A	N/A	2	14	0	0
SURGUTNEFTGAS	10	No	No	No	2	0	1	9	2	0)	1 0	0	2	2	0	0
TATNEFT	15	No	No	No	0	0	2	9	3	1)	0 N/A	N/A	5	11	0	0
ТМК	11	No	No	No	0	0	2	8	5	2)	1 0	0	2	8	1	0
TRANSNEFT	7	No	No	No	0	0	2	6	1	1	1	1 0	1	1	10	0	1
UNITED WAGON COMPANY	10	No	No	No	0	0	1	6	3	0	1	1 0	0	3	23	0	2
URALKALI	9	No	No	No	21	1	5	7	3	4)	3 2	0	1	7	0	1
VTB	11	No	No	No	0	1	4	9	5	3)	2 0	0	1	14	1	1
YANDEX	7	No	Yes	No	0	0	3	5	3	3	1	0 N/A	N/A	1	3	3	(

¹One vice chairman is also a SID

Board Statistics, Meetings and Committees

		ENURE	SI	ERVICE ON OUT	ISIDE QUOTED	BOARDS		BOARD MEETINGS		
COMPANY NAME	NON-EXECUTIVES (EXCL. CHAIRMAN)	CHAIRMAN	CEO	CHAIRMAN	CEO	NON-EXECUTIVES	AVERAGE ACE OF	SCHEDULED AD HOC	NUMBER AND TYPE OF COMMITTEES	BOARD EVALUATION
ACRON	6.6	1.0	5.8	0	0	1	62.0	1 21	3: A, SP&CG, N&R	Not disclosed
AEROFLOT	4.6	2.9	3.9	0	0	2	48.7	9 9	3: A, P&R, S	No
ALROSA	2.4	1.9	0.2	1	0	1	50.2	4 7	3: A, HR&R, SP	No
BASHNEFT	0.5	2.2	2.2	0	1	1	49.1	Not disclosed Not disclosed	5: A, B, EHS, N&R, S	Yes, internal
CREDIT BANK OF MOSCOW	1.3	1.9	1.9	3	0	2	51.1	4 21	3: A&Ri, SCM, C&CG&N	Yes, internal
DIXY	1.4	2.4	0.7	0	0	2	54.6	Not disclosed Not disclosed	3: A, N&R, SP	No
FGC UES	2.4	1.0	3.0	1	1	2	44.9	9 39	4: A, HR&R, S, I	Yes, internal
GAZPROM	7.6	2.0	6.0	0	2	2	55.8	10 54	2: A, N&R	Not disclosed
INTER RAO	3.9	3.1	4.0	2	0	2	50.1	4 26	3: A, HR&R, S&I	Yes, external
LSR	3.2	1.2	6.9	0	0	2	50.9	6 5	3: A, HR&R, S&I	Yes, external
LUKOIL	6.6	24.2	8.0	0	0	1	69.7	8 19	3: A, HR&C, S&I	Yes, internal
MAGNIT	5.2	7.0	3.0	0	1	1	49.4	11 0	2: A, HR&R	Yes, internal
MECHEL	3.6	1.2	3.0	0	0	1	60.9	Not disclosed Not disclosed	3: A, I, N&C	Not disclosed
MEGAFON	3.5	1.0	1.1	1	0	2	56.6	5 16	3: A, F&S,R&N	Not disclosed
MMK	5.5	3.2	3.1	0	0	1	50.0	Not disclosed Not disclosed	3: A, N&R, S	Yes, internal
MOSCOW EXCHANGE	0.1	4.3	4.0	1	0	2	57.0	6 11	5: A, B, N&R, RM, SP, TP	Yes, internal
MOSENERGO	5.1	10.0	1.0	2	0	2	44.6	Not disclosed Not disclosed	4: A, HR&R, Re, S&I	No
MTS	4.6	2.0	1.5	2	1	2	53.5	6 5	5: A, B, C&G, R&N, S	Yes, external
MVIDEO	4.2	4.2	1.0	2	0	2	55.1	4 9	2: A, R&N	Yes, external
NLMK	5.7	12.9	12.9	0	1	1	59.8	3 6	3: A, HR&R&SoPo,SP	Yes, internal
NMTP	0.8	0.0	2.8	0	0	1	52.1	1 24	2: A, N&R	No
NORNICKEL	5.6	6.3	4.5	2	0	1	48.1	7 43	4: A, B, CG&N&R, S	Yes, internal

Key to committees:

Audit D Development Finance Marketing Reliability Strategic Planning Budget DEFE Development of Energy in the HR Human Resources Nomination Risk Management Technology Policy Strategy Compensation Investment Operations Personnel SaSu Safety & Sustainability CG Corporate Governance Innovation EHS Environmental, Health & Safety IRDiP Investor Relations & CM Corporate Management Remuneration SCM Strategy & Capital Markets Corporate Social Responsibility EtCo Ethics & Control Dividend Policy SoPo Social Policy Risk

		ENURE	SI	ERVICE ON OUT	SIDE QUOTED E	BOARDS	BOARD MEETINGS					
COMPANY NAME	NON-EXECUTIVES (EXCL. CHAIRMAN)	CHAIRMAN	030	CHAIRMAN	030	NON-EXECUTIVES	AVERAGE AGE OF ALL DIRECTORS	SCHEDULED SCHEDULED	NUMBER AND TYPE OF COMMITTEES	BOARD EVALUATION		
NOVATEK	6.8	3.1	10.5	0	0	2	65.8	4 6	3: A, R, S	No		
PHOSAGRO	3.8	3.8	4.0	0	0	3	54.1	10 Not disclosed	4: A,EHS HR&R, S	Not disclosed		
PIK	3.4	1.9	3.0	0	0	1	Not disclosed	5 21	3: A&Ri, P&R, S	Yes, internal		
POLYMETAL	5.2	5.6	5.6	0	0	2	54.5	3 4	4: A&Ri, R, N, SaSu	Yes, external		
POLYUS	1.3	2.8	1.1	3	2	2	46.4	16 Not disclosed	4: A, N&R, O, S	Yes, internal		
ROSNEFT	3.5	2.0	3.0	0	2	2	60.3	5 22	3: A, HR&R, S	Yes, internal		
ROSSETI	3.6	1.0	1.0	3	2	2	49.5	Not disclosed Not disclosed	4: A, I&TPℜ&EE&In, N&R,S	Yes, external		
ROSTELECOM	3.3	4.0	0.2	0	0	2	50.5	3 24	5: A, CG, I, N&R, S	Yes, internal		
RUSAL	4.3	7.3	3.9	3	1	2	53.8	9 Not disclosed	3: A, CG, R	Yes, internal		
RUSHYDRO	2.6	0.9	0.9	0	1	2	51.0	6 10	6: A, DEFE, HR&R, I, Re&EE&In, S	Yes, internal		
SBERBANK	7.3	2.1	0.0	0	2	2	57.9	9 51	4: A, HR&R, RM, S	Yes, external		
SEVERSTAL	6.4	2.0	2.0	1	0	2	54.3	4 18	3: A, EHS, R&N	Yes, external		
SISTEMA	6.8	5.0	2.0	1	0	2	58.7	8 5	5: A&F&Ri, EtCo, IRDiP, N&R&CG, S	Yes, internal		
SURGUTNEFTGAS	9.7	3.0	9.5	0	0	1	68.1	Not disclosed Not disclosed	1: A	Yes, internal		
TATNEFT	13.2	11.0	16.4	0	1	1	61.2	12 1	3: A, CM, HR&R	Yes, internal		
ТМК	7.8	10.6	6.0	0	0	1	56.1	8 24	3: A, N&R, S	Yes, internal		
TRANSNEFT	4.2	3.9	3.9	2	0	2	55.1	4 23	3: A, HR&R, S&I&In	Yes, internal		
UNITED WAGON COMPANY	1.9	2.1	1.2	0	0	1	Not disclosed	17 Not disclosed	2: A, R&N	Not disclosed		
URALKALI	3.3	3.2	0.7	5	0	2	57.8	9 8	4: A, CSR, I&D, N&R	Yes, internal		
VTB	4.8	0.9	0.1	1	0	2	54.4	8 13	3: A, S&CG, P&R	Yes, internal		
YANDEX	5.5	6.1	4.1	0	0	2	55.8	Not disclosed Not disclosed	3: A, C, N&CG	Not disclosed		

Key to committees:

Α	Audit	D	Development	F	Finance	M	Marketing	Re	Reliability	SP	Strategic Planning
В	Budget	DEFE	Development of Energy in the	HR	Human Resources	N	Nomination	RM	Risk Management	TP	Technology Policy
C	Compensation		Far East	1	Investment	0	Operations	S	Strategy		
CG	Corporate Governance		Energy Efficiency	In	Innovation	Р	Personnel	SaSu	Safety & Sustainability		
CM	Corporate Management	EHS	Environmental, Health & Safety	IRDiP	Investor Relations &	R	Remuneration	SCM	Strategy & Capital Markets		
CSR	Corporate Social Responsibility	EtCo	Ethics & Control		Dividend Policy	Ri	Risk	SoPo	Social Policy		

Remuneration

	RETAINER FEE				COMMITTEE FEES							
COMPANY NAME	CURRENCY	CHAIRMAN	NON-EXECUTIVES	CHAIRMAN - AUDIT	MEMBER , AUDIT	CHAIRMAN CHAIRMAN	MEMBER MEMATION	CHAIRMAN	MEMBER MOMINATION	TOTAL BOARD FEE (P)		
ACRON	N/A	Not disclosed	2,200,000 ¹	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	359,001,000		
AEROFLOT	RUB	8,100,000	1,800,000	3,600,000	2,700,000	3,600,000	2,700,000	3,600,000	2,700,000	69,620,769		
ALROSA	RUB	9,000,000	6,000,000	1,200,000	08	1,200,000	08	1,200,000	08	49,066,667		
BASHNEFT	RUB	Not disclosed	Not disclosed	500,000¹	250,000 ¹	500,000 ¹	250,000¹	500,000¹	250,0001	60,209,457		
CREDIT BANK OF MOSCOW	USD	150,000	80,000	20,000	10,000	20,000	10,000	20,000	10,000	77,721,000		
DIXY	USD	Not disclosed	25,000	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed		
FGC UES	RUB	900,000	16,758,500	138,462	69,231	138,462	69,231	138,462	69,231	6,317,300		
GAZPROM	RUB	26,073,280	20,880,280	O _S	577,000	09	O ⁹	09	09	321,547,000		
INTER RAO	RUB	7,305,278	3,000,000	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	32,692,778		
LSR	RUB	Not disclosed	244,000	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed		
LUKOIL	RUB	1,500,000	6,000,000	700,000 ⁶	150,000 ⁶	700,000 ⁶	150,000 ⁶			192,421,000		
MAGNIT	RUB	Not disclosed	1,440,000²	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	13,405,103		
MECHEL	USD	Not disclosed	250,000	15,000	15,000	15,000	15,000	15,000	15,000	143,854,000		
MEGAFON	RUB	4,000,000	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	95,000,000		
MMK	N/A	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	59,124,800		
MOSCOW EXCHANGE	RUB	8,020,000	5,000,000 ¹	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	87,083,414		
MOSENERGO	N/A	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed		
MTS	RUB	16,500,000 ¹	15,000,0003	1,500,000	900,000	1,500,000	900,000	150,000	900,000	760,000,000		
MVIDEO	N/A	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	54,250,000		
NLMK	USD	240,000	160,000	64,000	40,000	64,000	40,000	64,000	40,000	132,305,000		
NMTP	USD	Not disclosed	5974	0 ^s	179	08	08	08	08	9,593,000		
NORNICKEL	USD	1,000,000	120,000	150,000	50,000	50,000	50,000	150,000	50,000	252,356,000		

¹ If independent

SPENCER STUART 32 RUSSIA BOARD INDEX 2017 33

Plus additional bonus if independent
 Plus additional 30,000 USD if independent
 For non-state employees

If Russian tax resident
 Plus 350,000 if intercontinental travel
 Plus 4,445 per meeting
 Not remunerated separate fee

⁹ Committee did not meet

¹⁰ Non-executives were offered an option for RSUs

RETAINER FEE COMMITTEE FEES

COMPANY NAME	CURRENCY	CHAIRMAN)N-EXECUTIVES	IRMAN - AUDIT	EMBER - AUDIT	CHAIRMAN CHAIRMAN	MEMBER MEATION	CHAIRMAN	MEMBER MOMINATION	L BOARD FEE (P)
NOVATEK	RUB	20,000,000	10,000,000	O ₈	2,000,000	08	2,000,000	08	2,000,000	133,380,000
PHOSAGRO	RUB	Not disclosed	20,083,6411	6,703,400	08	6,703,400	08	6,703,400	08	92,471,000
PIK	RUB	7,200,000	4,800,000	960,000	08	960,000	08	960,000	08	Not disclosed
POLYMETAL	USD	370,400	148,160	44,4487	14,8167	44,4487	14,8167	44,448 ⁷	14,816 ⁷	82,970,006
POLYUS	USD	300,000	165,000	50,000 ¹	10,000¹	30,000¹	10,000¹	30,000¹	10,000¹	37,921,000
ROSNEFT	USD	600,000	500,000	50,000	30,000	50,000	30,000	50,000	30,000	151,966,217
ROSSETI	RUB	1,300,000	1,000,000	200,000	100,000	200,000	100,000	200,000	100,000	Not disclosed
ROSTELECOM	RUB	6,000,000	4,000,000	500,000	400,000	475,000	320,000	475,000	320,000	32,246,839
RUSAL	GBP/USD	\$400,000	£120,000	£15,000	£10,000	£15,000	£10,000	£15,000	£10,000	1,187,077,074
RUSHYDRO	RUB	1,170,000	900,000	180,000	90,000	180,000	90,000	180,000	90,000	5,561,538
SBERBANK	RUB	7,670,000	5,900,000	1,180,000	590,000	1,180,000	590,000	1,180,000	590,000	41,600,000
SEVERSTAL	N/A	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed
SISTEMA	RUB	15,100,000	13,700,000 ⁵	280,000	30,000	280,000	30,000	280,000	30,000	925,043,085
SURGUTNEFTGAS	RUB	5,000,000	4,000,000	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	50,443,500
TATNEFT	N/A	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	148,842,247
TMK	N/A	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	160,669,128
TRANSNEFT	RUB	1,500,000	1,000,000	200,000	100,000	200,000	100,000	N/A	N/A	43,800,000
UNITED WAGON COMPANY	RUB	O ⁸	3,000,000	O ^s	500,000	08	500,000	08	500,000	Not disclosed
URALKALI	N/A	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	182,293,464
VTB	RUB	5,980,000	4,600,000	920,000	460,000	920,000	460,000	920,000	460,000	53,820,000
YANDEX	N/A	Not disclosed	Not disclosed ¹⁰	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed	Not disclosed

¹ If independent

SPENCER STUART 34 RUSSIA BOARD INDEX 2017 35

Plus additional bonus if independent
 Plus additional 30,000 USD if independent

⁴ For non-state employees

If Russian tax resident
 Plus 350,000 if intercontinental travel
 Plus 4,445 per meeting
 Not remunerated separate fee

⁹ Committee did not meet

¹⁰ Non-executives were offered an option for RSUs

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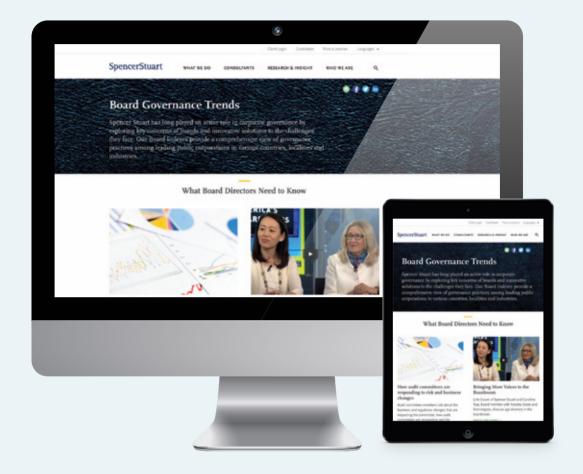






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