

As of the end of 2018 and 2017, the Group Executive Board held the following shares in the company:

	Maturity	Average exercise price in CHF	C. Buhl CEO	R. Iff CFO	M. Baumüller	E. Renfordt-Sasse	K. Spachmann	R. van Triest	M. Ziegler	Total
<b>2018</b>										
<b>Shareholdings Group Executive Board</b>										
Shares			7,404	31,564	3,078	1,546	12,500	300	2,416	58,808
Percentage voting rights shares			< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	0.16%
<b>Call options<sup>1</sup></b>										
End of vesting period:										
Lapsed	2020-2024	332.00	13,219	8,836	3,706	6,166	807	60	2,857	35,651
2019	2022-2026	394.76	11,600	7,665	754	4,074	6,766	2,621	980	34,460
2020	2023-2027	409.97	13,351	7,608	1,983	3,664	6,751	4,627	921	38,905
2021	2024-2028	409.97	19,945	10,746	3,462	5,161	9,684	6,653	2,548	58,199
2022	2025-2028	434.08	13,439	6,623	3,088	3,098	6,056	4,067	2,071	38,442
2023	2028	432.20	6,871	3,266	1,527	1,594	3,011	2,036	1,696	20,001
<b>Total options</b>			<b>78,425</b>	<b>44,744</b>	<b>14,520</b>	<b>23,757</b>	<b>33,075</b>	<b>20,064</b>	<b>11,073</b>	<b>225,658</b>
Percentage potential share of voting rights options			0.21%	0.12%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	0.61%

<sup>1</sup> Purchase ratio 1 share for 1 option

	Maturity	Average exercise price in CHF	C. Buhl CEO	R. Iff CFO	M. Baumüller	M. Reinhard	E. Renfordt-Sasse	K. Spachmann	R. van Triest	Total
<b>2017</b>										
<b>Shareholdings Group Executive Board</b>										
Shares			6,212	32,840	2,850	2,500	2,452	12,407	200	59,461
Percentage voting rights shares			< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	0.16%
<b>Call options<sup>1</sup></b>										
End of vesting period:										
Lapsed	2020-2023	306.01	7,474	9,172	2,922	3,783	4,779	3,236	10	31,376
2018	2021-2024	357.20	5,745	7,091	784	7,261	2,631	6,140	50	29,702
2019	2022-2026	382.28	11,302	7,484	697	7,989	4,074	6,647	2,596	40,789
2020	2023-2027	398.85	13,053	7,427	1,926	7,895	3,664	6,632	4,602	45,199
2021	2024-2027	398.85	12,776	7,299	1,878	7,770	3,567	6,554	4,592	44,436
2022	2027	435.95	6,270	3,176	1,504	3,314	1,504	2,926	2,006	20,700
<b>Total options</b>			<b>56,620</b>	<b>41,649</b>	<b>9,711</b>	<b>38,012</b>	<b>20,219</b>	<b>32,135</b>	<b>13,856</b>	<b>212,202</b>
Percentage potential share of voting rights options			0.15%	0.11%	< 0.1%	0.10%	< 0.1%	< 0.1%	< 0.1%	0.57%

<sup>1</sup> Purchase ratio 1 share for 1 option

As of December 31, 2018, there were no outstanding loans or credits between the company and members of the Group Executive Board