



## **NOTICE 34/18**

**Date:** 16 October 2018

**Subject:** **NH HOTEL GROUP, S.A. – Adjustment to the Options and Futures Contracts.**

### **Related Notices: 19/18**

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As established on paragraphs 4.7.8 and 5.7.8 of the General Conditions in the Financial Derivatives Segment, MEFF has convened the Supervision and Surveillance Commission (CSV hereon) to determine which result of the NH HOTEL GROUP SA takeover will apply for the Option and Futures Contracts.

Conclusions arisen on the CSV:

- If the resulting free float after the takeover does not reach the 10% of the NH HOTEL GROUP S.A. shares, MEFF would proceed to the settlement at theoretical price of the Futures and Option contracts on this underlying. Otherwise, MEFF will not make any adjustment.

In Annex 1 of this Notice you can find parameters that would be used to calculate the theoretical price in the case of contract's settlement at theoretical price.

## Annex 1

- Price of the underlying asset: the price of the takeover will be used.
- The dividends to be used would be the following:

Date	Amount
<b>25/07/2019</b>	0.15
<b>27/07/2020</b>	0.16
<b>27/07/2021</b>	0.18
<b>27/07/2022</b>	0.18

- The average volatilities to be used would be the following:

ATM considered price: average closing price of the sessions between the 4 and 8 of June 2018: 6.43 euros.

Volatility Call ATM						
Expiry	08/06/2018	07/06/2018	06/06/2018	05/06/2018	04/06/2018	TOTAL
<b>21/12/2018</b>	22.23%	22.23%	22.22%	22.49%	22.51%	<b>22.34%</b>
<b>15/03/2019</b>	22.40%	22.39%	22.39%	22.57%	22.59%	<b>22.47%</b>
<b>21/06/2019</b>	26.45%	26.44%	26.43%	26.53%	26.54%	<b>26.48%</b>
<b>20/09/2019</b>	28.45%	28.44%	28.43%	28.50%	28.50%	<b>28.46%</b>
<b>20/12/2019</b>	29.72%	29.71%	29.70%	29.76%	29.75%	<b>29.73%</b>
<b>20/03/2020</b>	30.61%	30.60%	30.59%	30.63%	30.63%	<b>30.61%</b>
<b>19/06/2020</b>	31.26%	31.25%	31.24%	31.28%	31.27%	<b>31.26%</b>
<b>18/09/2020</b>	31.76%	31.75%	31.74%	31.78%	31.77%	<b>31.76%</b>
<b>18/12/2020</b>	32.16%	32.15%	32.14%	32.17%	32.16%	<b>32.15%</b>
<b>18/06/2021</b>	32.74%	32.74%	32.73%	32.75%	32.75%	<b>32.74%</b>
<b>17/12/2021</b>	33.16%	33.15%	33.14%	33.16%	33.16%	<b>33.16%</b>
<b>17/06/2022</b>	33.47%	33.46%	33.45%	33.47%	33.47%	<b>33.46%</b>
<b>16/12/2022</b>	33.71%	33.70%	33.69%	33.71%	33.71%	<b>33.70%</b>

Volatility Put ATM						
Expiry	08/06/2018	07/06/2018	06/06/2018	05/06/2018	04/06/2018	TOTAL
<b>21/12/2018</b>	23.80%	23.79%	23.78%	24.01%	24.03%	<b>23.88%</b>
<b>15/03/2019</b>	23.92%	23.91%	23.90%	24.06%	24.08%	<b>23.98%</b>
<b>21/06/2019</b>	29.06%	29.05%	29.03%	29.12%	29.11%	<b>29.07%</b>
<b>20/09/2019</b>	31.55%	31.54%	31.52%	31.58%	31.57%	<b>31.55%</b>
<b>20/12/2019</b>	33.13%	33.12%	33.10%	33.14%	33.13%	<b>33.12%</b>
<b>20/03/2020</b>	34.22%	34.21%	34.19%	34.23%	34.22%	<b>34.21%</b>

<b>19/06/2020</b>	35.02%	35.01%	35.00%	35.03%	35.02%	<b>35.01%</b>
<b>18/09/2020</b>	35.64%	35.62%	35.61%	35.64%	35.63%	<b>35.63%</b>
<b>18/12/2020</b>	36.12%	36.11%	36.10%	36.12%	36.11%	<b>36.11%</b>
<b>18/06/2021</b>	36.84%	36.83%	36.82%	36.84%	36.83%	<b>36.83%</b>
<b>17/12/2021</b>	37.35%	37.34%	37.33%	37.34%	37.34%	<b>37.34%</b>
<b>17/06/2022</b>	37.72%	37.72%	37.71%	37.72%	37.71%	<b>37.72%</b>
<b>16/12/2022</b>	38.02%	38.01%	38.00%	38.01%	38.01%	<b>38.01%</b>

- The average skews to be used would be the following:

Skew +						
Expiry	08/06/2018	07/06/2018	06/06/2018	05/06/2018	04/06/2018	TOTAL
<b>21/12/2018</b>	0.32%	0.33%	0.33%	0.33%	0.33%	<b>0.33%</b>
<b>15/03/2019</b>	0.42%	0.42%	0.42%	0.42%	0.42%	<b>0.42%</b>
<b>21/06/2019</b>	0.57%	0.57%	0.57%	0.57%	0.57%	<b>0.57%</b>
<b>20/09/2019</b>	0.65%	0.65%	0.65%	0.65%	0.66%	<b>0.65%</b>
<b>20/12/2019</b>	0.71%	0.71%	0.71%	0.71%	0.71%	<b>0.71%</b>
<b>20/03/2020</b>	0.75%	0.75%	0.75%	0.75%	0.75%	<b>0.75%</b>
<b>19/06/2020</b>	0.78%	0.78%	0.78%	0.78%	0.78%	<b>0.78%</b>
<b>18/09/2020</b>	0.80%	0.80%	0.80%	0.81%	0.81%	<b>0.80%</b>
<b>18/12/2020</b>	0.82%	0.82%	0.82%	0.82%	0.83%	<b>0.82%</b>
<b>18/06/2021</b>	0.85%	0.85%	0.85%	0.85%	0.85%	<b>0.85%</b>
<b>17/12/2021</b>	0.87%	0.87%	0.87%	0.87%	0.87%	<b>0.87%</b>
<b>17/06/2022</b>	0.89%	0.89%	0.89%	0.89%	0.89%	<b>0.89%</b>
<b>16/12/2022</b>	0.90%	0.90%	0.90%	0.90%	0.90%	<b>0.90%</b>

Skew -						
Expiry	08/06/2018	07/06/2018	06/06/2018	05/06/2018	04/06/2018	TOTAL
<b>21/12/2018</b>	0.33%	0.33%	0.33%	0.33%	0.33%	<b>0.33%</b>
<b>15/03/2019</b>	0.20%	0.20%	0.20%	0.19%	0.19%	<b>0.20%</b>
<b>21/06/2019</b>	0.12%	0.12%	0.12%	0.12%	0.12%	<b>0.12%</b>
<b>20/09/2019</b>	0.09%	0.09%	0.09%	0.09%	0.09%	<b>0.09%</b>
<b>20/12/2019</b>	0.07%	0.07%	0.07%	0.07%	0.07%	<b>0.07%</b>
<b>20/03/2020</b>	0.06%	0.06%	0.06%	0.06%	0.06%	<b>0.06%</b>
<b>19/06/2020</b>	0.05%	0.05%	0.05%	0.05%	0.05%	<b>0.05%</b>
<b>18/09/2020</b>	0.04%	0.04%	0.04%	0.04%	0.04%	<b>0.04%</b>
<b>18/12/2020</b>	0.03%	0.03%	0.03%	0.03%	0.03%	<b>0.03%</b>
<b>18/06/2021</b>	0.03%	0.03%	0.02%	0.02%	0.02%	<b>0.02%</b>
<b>17/12/2021</b>	0.02%	0.02%	0.02%	0.02%	0.02%	<b>0.02%</b>

<b>17/06/2022</b>	0.01%	0.01%	0.01%	0.01%	0.01%	<b>0.01%</b>
<b>16/12/2022</b>	0.01%	0.01%	0.01%	0.01%	0.01%	<b>0.01%</b>