

# Il termometro dei mercati finanziari (31 Gennaio 2020)

a cura di Emilio Barucci e Daniele Marazzina

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L'iniziativa di Finriskalert.it "Il termometro dei mercati finanziari" vuole presentare un indicatore settimanale sul grado di turbolenza/tensione dei mercati finanziari, con particolare attenzione all'Italia.

Il termometro dei mercati finanziari						
31-Jan-20	Legenda					
Valutazione complessiva	Calma	↑	miglioramento			
		↔	stabile			
Mercati italiani	Tensione	↓	peggiорamento			
Rendimento borsa italiana	-3.05	↓	-0.71	0.50	1.35	-0.23
Volatilità implicita borsa italiana	16.38	↓	14.91	14.65	15.17	16.27
Future borsa italiana	23265	↓	23905	24045	23900	23605
CDS principali banche 10Ysub	369.89	↑	378.97	378.19	371.46	384.66
Tasso di interesse ITA 2Y	-0.19	↑	-0.05	0.00	-0.05	-0.06
Spread ITA 10Y/2Y	1.12	↑	1.28	1.39	1.38	1.41
Mercati europei	31-Jan		24-Jan	17-Jan	10-Jan	3-Jan
Rendimento borsa europea	-3.66	↓	-0.76	0.49	0.43	-0.24
Volatilità implicita borsa europea	13.80	↓	11.94	11.36	11.86	12.51
Rendimento borsa ITA/Europa	0.60	↑	0.05	0.00	0.92	0.00
Spread ITA/GER	1.37	↑	1.56	1.60	1.56	1.63
Spread EU/GER	0.53	↑	0.57	0.57	0.58	0.60
Politica monetaria, cambi e altro	31-Jan		24-Jan	17-Jan	10-Jan	3-Jan
Euro/Dollaro	1.108	↔	1.103	1.110	1.111	1.117
Spread US/GER 10Y	1.961	↑	2.01	2.05	2.06	2.07
Euribor 6M	-0.34	↑	-0.320	-0.330	-0.333	-0.323
Prezzo Oro	1587	↔	1571	1557	1560	1548
Spread 10Y/2Y Euro Swap Curve	0.33	↑	0.36	0.46	0.47	0.43

## Significato degli indicatori

- Rendimento borsa italiana: rendimento settimanale dell'indice della borsa italiana FTSEMIB;
- Volatilità implicita borsa italiana: volatilità implicita calcolata considerando le opzioni at-the-money sul FTSEMIB a 3 mesi;
- Future borsa italiana: valore del future sul FTSEMIB;
- CDS principali banche 10Ysub: CDS medio delle obbligazioni subordinate a 10 anni delle principali banche italiane (Unicredit, Intesa San Paolo, MPS, Banco BPM);
- Tasso di interesse ITA 2Y: tasso di interesse costruito sulla curva dei BTP con scadenza a due anni;
- Spread ITA 10Y/2Y : differenza del tasso di interesse dei BTP a 10 anni e a 2 anni;
- Rendimento borsa europea: rendimento settimanale

dell'indice delle borse europee Eurostoxx;

- Volatilità implicita borsa europea: volatilità implicita calcolata sulle opzioni at-the-money sull'indice Eurostoxx a scadenza 3 mesi;
- Rendimento borsa ITA/Europa: differenza tra il rendimento settimanale della borsa italiana e quello delle borse europee, calcolato sugli indici FTSEMIB e Eurostoxx;
- Spread ITA/GER: differenza tra i tassi di interesse italiani e tedeschi a 10 anni;
- Spread EU/GER: differenza media tra i tassi di interesse dei principali paesi europei (Francia, Belgio, Spagna, Italia, Olanda) e quelli tedeschi a 10 anni;
- Euro/dollaro: tasso di cambio euro/dollaro;
- Spread US/GER 10Y: spread tra i tassi di interesse degli Stati Uniti e quelli tedeschi con scadenza 10 anni;
- Prezzo Oro: quotazione dell'oro (in USD)
- Spread 10Y/2Y Euro Swap Curve: differenza del tasso della curva EURO ZONE IRS 3M a 10Y e 2Y;
- Euribor 6M: tasso euribor a 6 mesi.

I colori sono assegnati in un'ottica VaR: se il valore riportato è superiore (inferiore) al quantile al 15%, il colore utilizzato è l'arancione. Se il valore riportato è superiore (inferiore) al quantile al 5% il colore utilizzato è il rosso. La banda (verso l'alto o verso il basso) viene selezionata, a seconda dell'indicatore, nella direzione dell'instabilità del mercato. I quantili vengono ricostruiti prendendo la serie storica di un anno di osservazioni: ad esempio, un valore in una casella rossa significa che appartiene al 5% dei valori meno positivi riscontrati nell'ultimo anno. Per le prime tre voci della sezione "Politica Monetaria", le bande per definire il colore sono simmetriche (valori in positivo e in negativo). I dati riportati provengono dal database Thomson Reuters. Infine, la tendenza mostra la dinamica in atto e viene rappresentata dalle frecce: ↑, ↓, ↔ indicano rispettivamente miglioramento, peggioramento, stabilità rispetto alla rilevazione precedente. Paragrafo

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# 2020 REVIEW OF SII

a cura di Silvia Dell'Acqua

2020-02-01 14:05:33

Last 11 February 2019 the European Commission (EC) asked the European Insurance and Occupational Pension Authority (EIOPA) for a call for advice on the 2020 review of SII. As a response to that, EIOPA launched a public Consultation Paper (CP) on the 15<sup>th</sup>

October 2019 whose feedback were to be submitted by the 15<sup>th</sup> January 2020 (Insurance and Reinsurance undertakings submitted their results to the NSAs last 6 December 2019, and the NSAs reported them to EIOPA last 8 January 2020). EIOPA is now collecting the data and assessing the impacts of its proposals, setting out the final advice by next 30<sup>th</sup> June 2020. The proposals presented are a view of EIOPA and may not be adopted: the EC will balance political considerations to the technical ones. It's interesting to notice that EIOPA has reiterated in the CP its suggestion of introducing negative interest rates in the SF SCR calculation (advice dated 2018) previously rejected by the EC.

The call for advice comprised 19 topics, which can be broadly divided into three parts

- review of the Long Term Guarantee (LTG) measures, always foreseen as being reviewed in 2020, as specified in the Omnibus II Directive
- potential introduction of new regulatory tools in the SII Directive, notably on macro-prudential issues, recovery and resolution, and insurance guarantee schemes
- revisions to the existing SII framework, including reporting and disclosure of the SCR.

The main proposals set out in the CP and discussed in the following are:

- choose a later Last Liquid Point (LLP) for the extrapolation of risk-free interest rates for the Euro or change the extrapolation method to take into account market information beyond that point; these are expected to increase both TP and SCR, particularly for firms with long duration businesses
- change the calculation of the Volatility Adjustment (VA), to address overshooting effects and to reflect the illiquidity of insurance liabilities; 8 variations are proposed and, albeit they may help in reducing the volatility caused by the current design, they may increase the complexity of the calculation and even reduce the overall protection provided by this measure
- review the calibration of the interest rate risk sub-module in line with empirical evidence, considering negative interest rates; this is expected to increase the SCR
- include macro-prudential tools in the SII Directive and establish a minimum harmonised recovery and resolution framework for insurance.

No changes have been proposed for the Risk Margin (RM), causing the disappointment of many firms that consider this metric too big for the annuity business and too sensitive to

interest rates changes - and therefore sensitive to the changes proposed to the LLP.

Positive and negative proposals have been made with respect to the Matching Adjustment (MA), currently only applied in Spain and UK. A good aspect is that EIOPA has proposed to recognize diversification between MA and non-MA portfolios, reducing the SCR, but without showing any intention to make the MA more flexible and adding a further requirement on restructured assets that may make it harder for the firms to apply the MA.

Regarding [A], EIOPA has proposed 5 options to amend the Euro LLP:

1. no changes (i.e. LLP=20 years, Smith-Wilson extrapolation)
2. LLP=20 + safeguards in terms of disclosure and governance

sensitivity analysis on LLP=50 to be include in the RSR and SFCR; if the firms breach the SCR or MCR in the sensitivity analysis, they have to provide evidences that the policy holders protection is not put at stake by dividend payments and capital distributions, which can be limited by the NSAs in case the evidences were not satisfying

- LLP=30 + safeguards in terms of disclosure and governance (as in option 2)
- LLP=50
- alternative extrapolation method to consider market data beyond the LLP for all the currencies

Beyond causing a detriment to the SCR position of the insurance firms, options from 2 to 4 are quite onerous.

Regarding [B], EIOPA has proposed a reform to the VA calculation that comprises 8 different design options, 3 different General Application Ratio (GAR), the usage of Dynamic VA (DA) under the SF and approval to the use of VA.

The presented options for the VA design are:

1. "Undertaking-specific VA", based on undertaking-specific asset weights and market spreads
2. "Middle bucket" approach, where the current MA and VA approaches remain and the undertaking-specific VA is introduced as the middle bucket. Firms can only apply the middle bucket to insurance liability portfolios subject to meeting certain cash flow matching criteria.
3. "Asset driven approach": the VA would not be applied to the risk free curve. Instead, the VA would adjust the bond spreads on the asset side, where the difference in the value of bonds without and with the VA adjustment is recognised as an own funds item.
4. Application ratio that takes into account of the undertaking's AL mismatch. The proposed formula to derive the VA under this approach includes applying an asset liability (AL) mismatch ratio, where the ratio is calculated as the sensitivity of the BEL to the VA divided by the sensitivity of fixed income assets to the VA. Firms are also allowed to derive the risk-corrected spread using either the VA reference portfolio or their own specific fixed income portfolio (as under design option 1).
5. Application ratio that takes into account of the

undertaking's illiquid liabilities. EIOPA suggests two approaches for this calculation: the first approach (paragraph 2.399) is similar to option 4 above, except that an illiquid liabilities ratio is applied; the second approach allocates liabilities to buckets of different levels of illiquidity with different application ratios.

6. "Relative risk-corrections": the risk correction is calculated as a fixed percentage of the spread.
7. Amendment to the trigger and calculation of any country-specific increase of the VA.
8. Create a "permanent VA" that reflects the long term illiquid nature of insurance cash-flows, and a "macro-economic VA" that will only exist when bond spreads are wide, e.g. during crisis. The macro-economic VA would replace the existing country specific add-on.

EIOPA has proposed 2 approaches based on a mix of these design options

**APPROACH 1:** permanent VA calculated as a combination of options 4, 5 and 6 and macroeconomic

VA based on option 8.

**APPROACH 2:** permanent VA calculated as a combination of options 1, 4 and 5.

The VA decreases in both approaches, but the latter is preferred by the industry as it produces a lower impact.

The 3 options presented for the GAR used in the VA calculation are:

1. no changes (i.e. GAR= 65%), advised by EIOPA
2. GAR = 100%
3. GAR between 65% and 100%.

EIOPA advice for the DA was not to allow its usage under the SF as it would favour firms applying the SF versus those applying the IM, as the government bond risks are not fully captured in the SF.

EIOPA has highlighted that the need of a supervisory approval for the usage of VA should be consistent among all member states (it is currently required in 10 countries and not required in 17 others), but the Authority will decide on its preference after the consultation.

Regarding [C], EIOPA has confirmed its previous advice dated 2018 (relative shift approach), highlighting the need of modifying the IR risk calibration

$$r_t^{up}(m) = r_t^{\square}(m) * \left(1 + s_m^{up}(\theta_m)\right) + b_m^{up}(m)$$

$$r_t^{dw}(m) = r_t^{\square}(m) * \left(1 - s_m^{dw}(\theta_m)\right) - b_m^{dw}(m)$$

The 3-years gradual implementation period would be reviewed in light of the proposed changes on the Risk Free Rates reported in [A] and [B].

Regarding [D], EIOPA has proposed to introduce tools to address systemic risk in the insurance sector by adding a general article

to the SII Directive, to achieve consistency and coherence with the micro-prudential approach. NSAs should have the power to set a capital surcharge to address sources of systemic risk, to define soft thresholds for action at market level if an exposure increases dramatically and to impose a temporary restriction on surrender rights for policyholders. NSAs can require systemic risk management plans and all firms should be required to draft liquidity risk management plans, unless they obtain a waiver. The ORSA principle will be changed to explicitly include macro-prudential concerns. EIOPA has also proposed to:

- require firms with a high market share to develop a recovery plan
- set an officially designated administrative resolution authority in each member state
- provide the NSAs with resolution powers of: prohibiting bonus payments to senior management; withdrawing the licence to write new business and put all or part of existing business into run-off; selling or transferring shares, assets and liabilities to third parties; restricting the rights of policyholders to surrender policies; suspending payments to unsecured creditors; until the point of taking control of the entity.

## A Call for Vigilance After a Strong Year for Risky Assets

2020-01-29 15:39:27

While we have seen some recent volatility, many risky asset markets around the world had a spectacular year in 2019...

## ESMA announces open hearing on its Consultation on Internal Controls for CRAs

2020-01-29 15:38:15

The hearing will take place on Monday 24 February 2020 from 13:30 to 16:00 in ESMA's premises...

<https://www.esma.europa.eu/press-news/esma-news/esma-announces-open-hearing-its-consultation-internal-controls-crás>

## India Unveils National Blockchain Strategy, Calling on RBI to Issue Digital Currency

2020-01-29 15:37:11

India's National Strategy on Blockchain has been published. It recommends, among other things, for the Reserve Bank of India (RBI) to issue a central bank digital currency...

<https://news.bitcoin.com/india-rbi-digital-currency/>

# Raccomandazione BCE sulle politiche di distribuzione dei dividendi delle banche

2020-01-29 15:35:41

Pubblicata la Raccomandazione della Banca Centrale europea del 17 gennaio 20020 sulle politiche di distribuzione dei dividendi (BCE/2020/1)...

<http://www.dirittobancario.it/news/requisiti-patrimoniali/raccomandazione-bce-politiche-distribuzione-dividendi-delle-banche>

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