



Un approccio integrato e coerente oltre la compliance

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ABI Associazione
Bancaria
Italiana

Roma, 23 Giugno 2015



Leader mondiale di rating creditizi, ricerca fondamentale e strumenti per misurare e monitorare il rischio



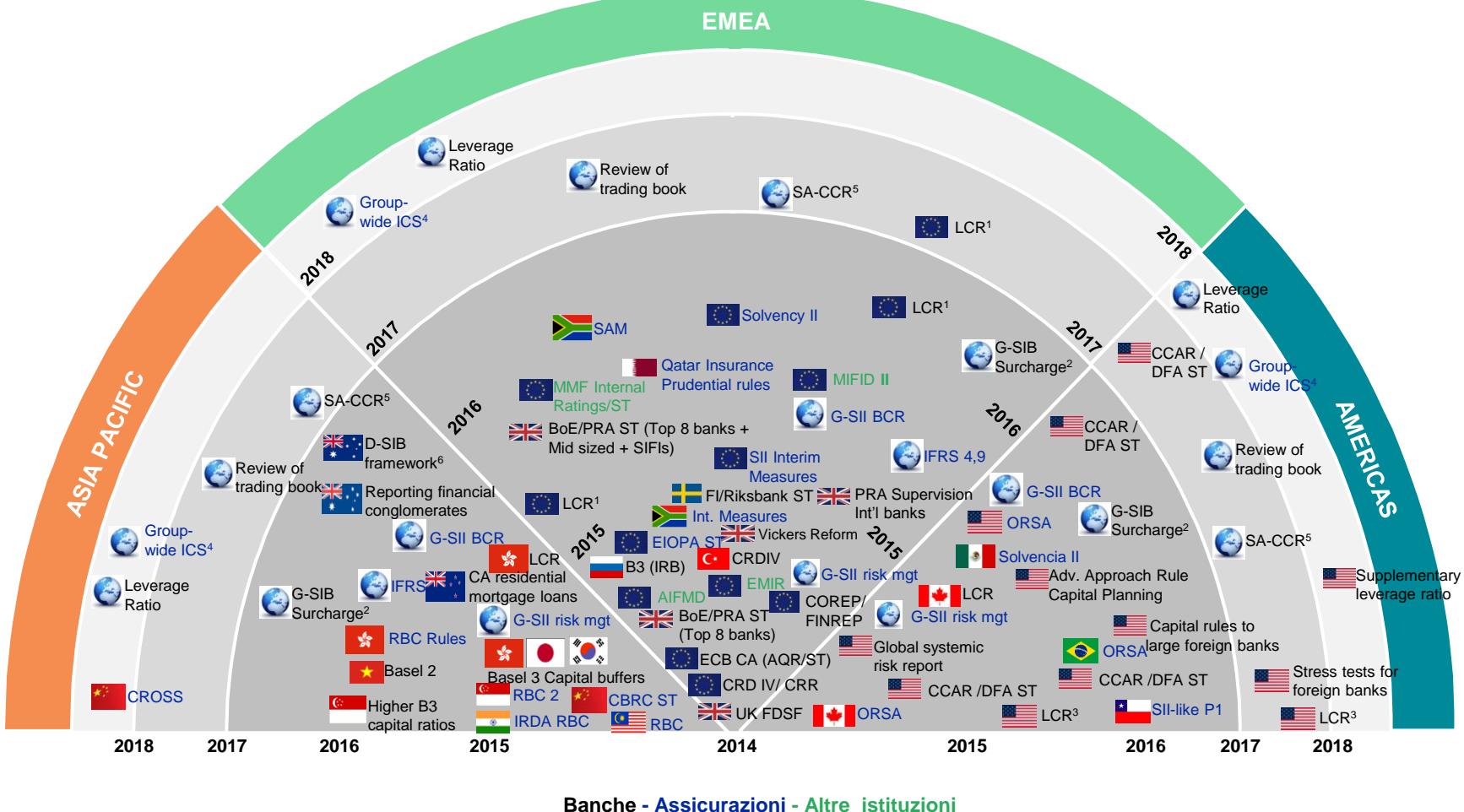
Società indipendente di rating creditizi e relative informazioni da oltre 100 anni



Ricerca, dati, software, modelli, consulenza, e soluzioni a supporto della gestione del rischio

Moody's Analytics opera in completa indipendenza dalle attività di rating di Moody's Investors Service. In questa presentazione non sarà fatto alcun commento su rating o potenziali cambiamenti di rating. Nessuna analisi o opinione espressa in questa presentazione riflette quelle dell'agenzia di rating.

Contesto regolamentare



Stress Testing: un fenomeno mondiale. Quali trends ?

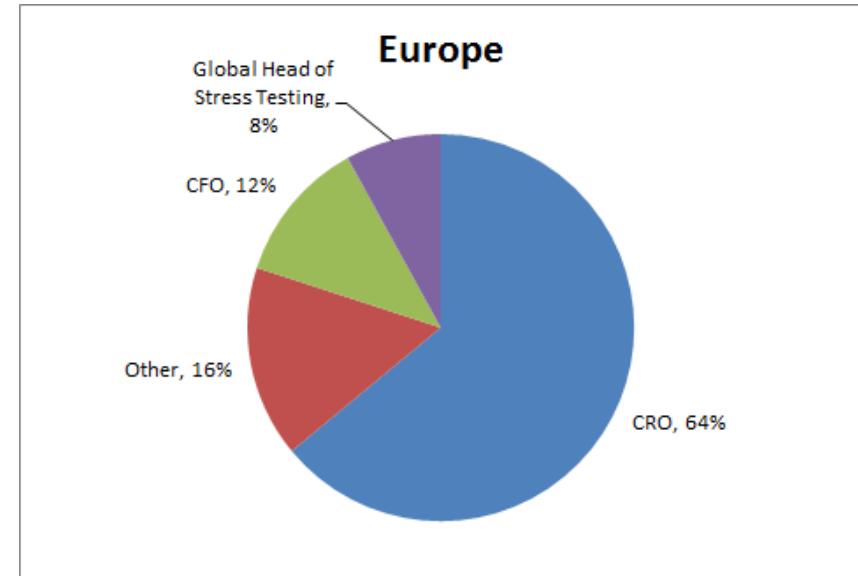
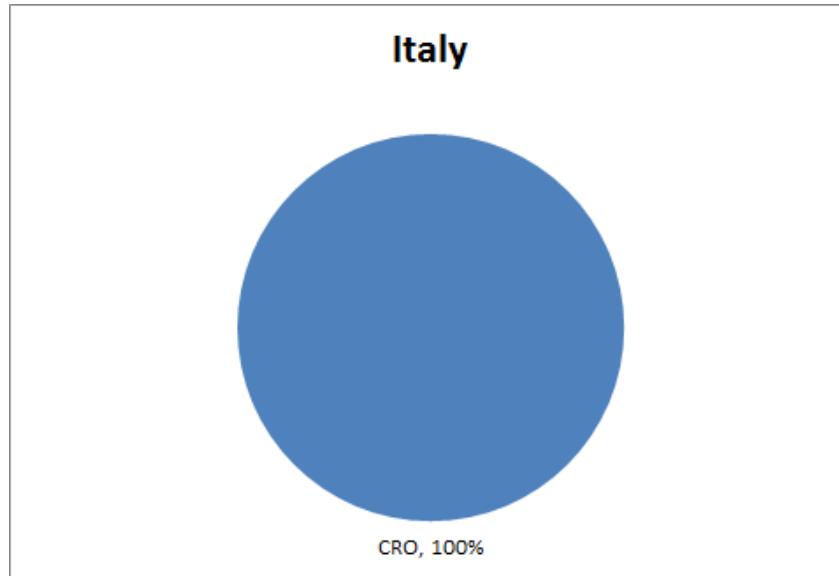
	Eurozone	United Kingdom	United States
Regulatory Body	EBA / ECB / NCA ¹	BoE / PRA ¹	Federal Reserve
Coverage	Largest Eurozone/Significant Banks (approx. 128 banks)	Largest UK Banks & Building Societies	BHC&FBO ⁶ ; assets > than \$10bn (DFAST), \$50bn (CCAR)
Data Requirements / Reporting	Historical/AQR Data – Core (ADC, TR, CSV) & Additional (CSV) Templates ^{2,3}	FDSF ⁴ – Historical, Year-End Data & P/L Projections	FRY Reports – A/Q/M Data; P/L Projections
Modeling Approach	Bottom-Up & Challenger/Top-Down; Firms' Own Models	Bottom-Up /Granular; Firms' Own Models	Bottom-Up; Firms' Own Models; Dynamic Projections
Scenarios	Regulatory Baseline, Stress Scenario	Common Stress, Bespoke Firm Stress, Common Baseline	Baseline, Adverse, Severely Adverse; Firms' Scenarios
Disclosure	Public Disclosure of Results (Bottom-Up)	Public Disclosure of Results	Public Disclosure of Results
Frequency	Annual (2009-2011 EBA); 2014 (ECB)	Annual	Annual (regulator-led); semiannual (bank-led)
Corrective Measures / Use of Outputs	Recapitalization Plan	Input Capital Adequacy CRDIV & firms' PRA buffer; FPC Tool ⁵	Input Capital Plan, Approval by Fed; Dividend Planning,...,etc.

“Moody's Analytics Stress Testing Survey” - Aprile 2015



- CRO & CFO di 13 banche Italiane coinvolte nello Stress Test;
 - Benchmark con banche EU / US;
 - Focus su sfide affrontate, responsabilità e piani per il futuro.
- ↓
- Stress testing è responsabilità di un (piccolo) team di Risk Management, con il coinvolgimento di molte altre funzioni;
 - Sfide principali sono legate ai dati, all'orchestrazione del processo, e alla piena comprensione delle richieste del regolatore;
 - Sono stati pianificati interventi per migliorare l'infrastruttura, automatizzare il processo, e rivedere la governance;
 - Forti analogie con le altre banche EU/US ma molte di loro stanno già implementando frameworks e processi migliorati.

Chi nella banca ha la responsabilità dello Stress Testing ?

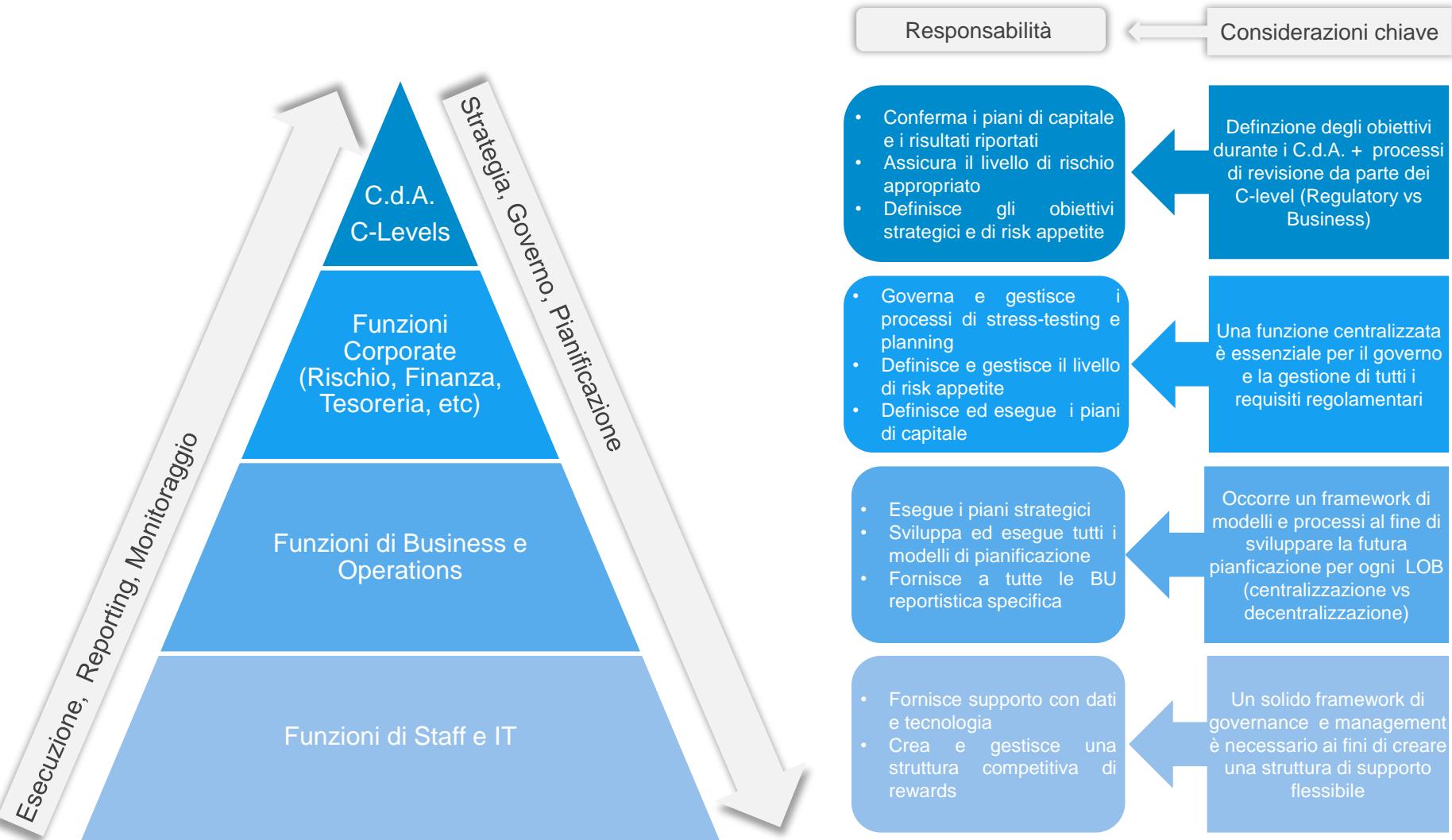


- Lo Stress Testing rimane tema di Risk Management, sotto la responsabilità del CRO;
- La pressione continua del regulator richiede un coordinamento reale tra funzioni e dipartimenti;
- Un framework robusto di governance è diventato indispensabile.

Quali funzioni partecipano al programma di Stress Testing ?

		Takes Lead	Very Involved	Marginally Involved	Not involved
 	Risk Management	100.00% 13	0.00% 0	0.00% 0	0.00% 0
 	Capital management / Capital planning	15.40% 2	53.80% 7	7.70% 1	23.10% 3
	Portfolio management	0.00% 0	15.40% 2	23.10% 3	61.50% 8
	Finance / Accounting / Regulatory Reporting	7.70% 1	23.10% 3	53.80% 7	15.40% 2
	Treasury /ALM	0.00% 0	23.10% 3	46.20% 6	30.80% 4
 	Financial Planning / forecasting	7.70% 1	76.90% 10	7.70% 1	7.70% 1
 	Information Technology	7.70% 1	23.10% 3	53.80% 7	15.40% 2
	Legal/Compliance	0.00% 0	0.00% 0	38.50% 5	61.50% 8

Struttura di Governance con chiari ruoli e responsabilità



Quali sono le principali sfide affrontate ?

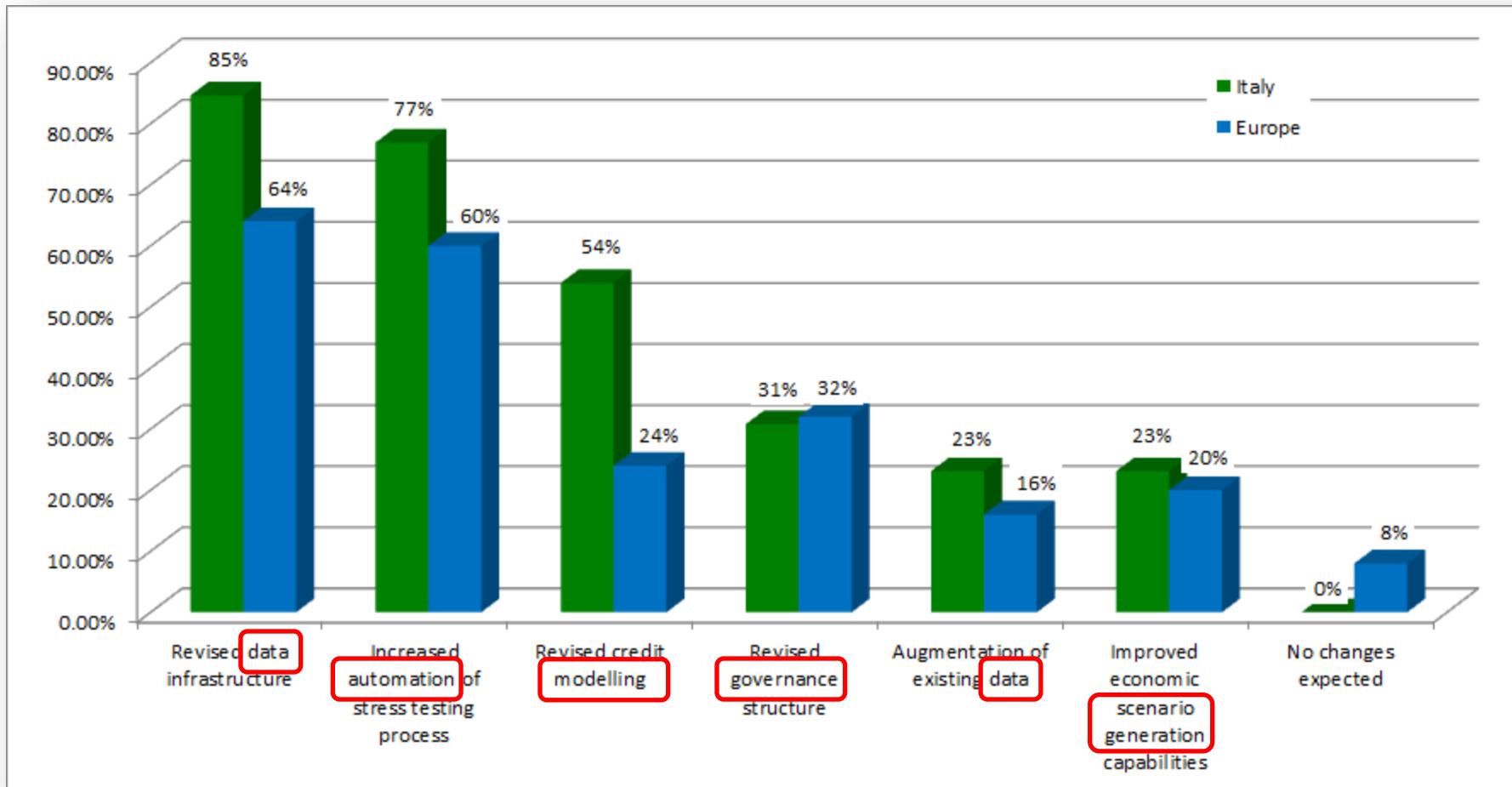


Item	Rank
Collecting the necessary data in the given time	1
Data Quality Management	2
Understanding scope and definitions around the stress test (e.g. NPL definition)	3
Orchestration & streamlining of the stress testing process	4
Modeling the impact of scenarios on risk drivers and capital ratios	5
Understanding and translating scenarios to own business risks	6
Forecasting RWA under stress conditions	7
Documentation and reporting to regulator and/or management	8



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Quali sono i conseguenti interventi programmati ?

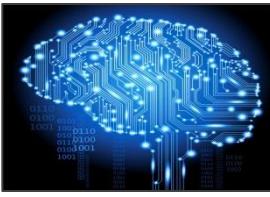


Stress Testing: la visione di Moody's Analytics



Dati

- Centralizzazione dati Risk e Finance;
- Data quality e data management;
- Elevata granularità;



Modelli

- Sviluppo e manutenzione periodica di un ampio numero di modelli;
- Assumptions coerenti per scenari e modelli in tutto il bilancio;
- Documentazione e validazione;
- Nuove metodologie;



Reporting

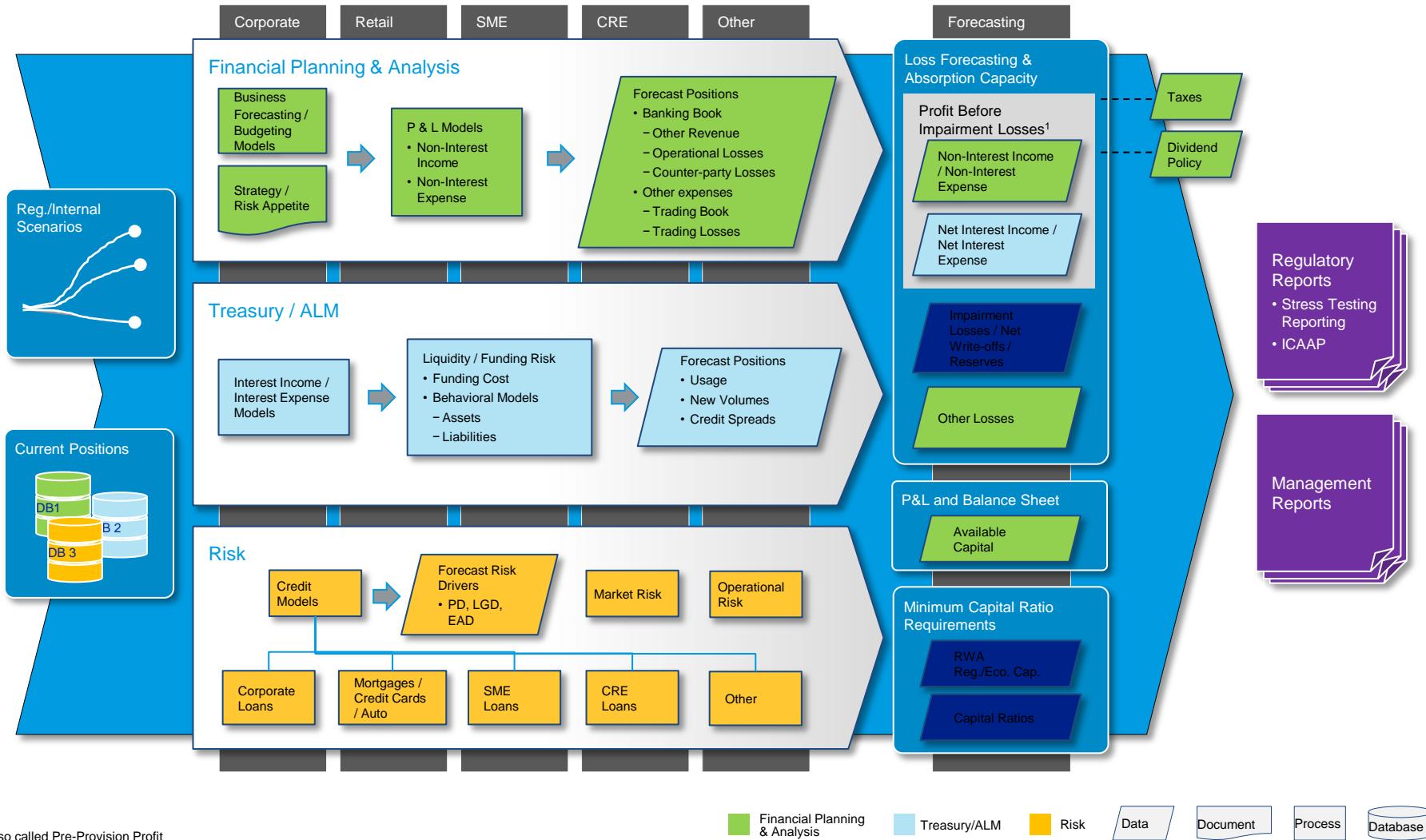
- Reportistica regolamentare annuale, trimestrale e mensile;
- Frequenti manutenzioni regolamentari;
- Riconciliazione dei molteplici reports regolamentari;
- Dashboards interni personalizzati per ogni gruppo di utenti;



Automazione

- Maggiore frequenza nei processi di stress testing;
- Integrazione di una molteplicità di sistemi;
- «Auditabilità» dei risultati;
- Coordinamento tra funzioni (Finance, Treasury e Risk);
- Priorità contrastanti tra scadenze di breve periodo e obiettivi strategici di lungo periodo.

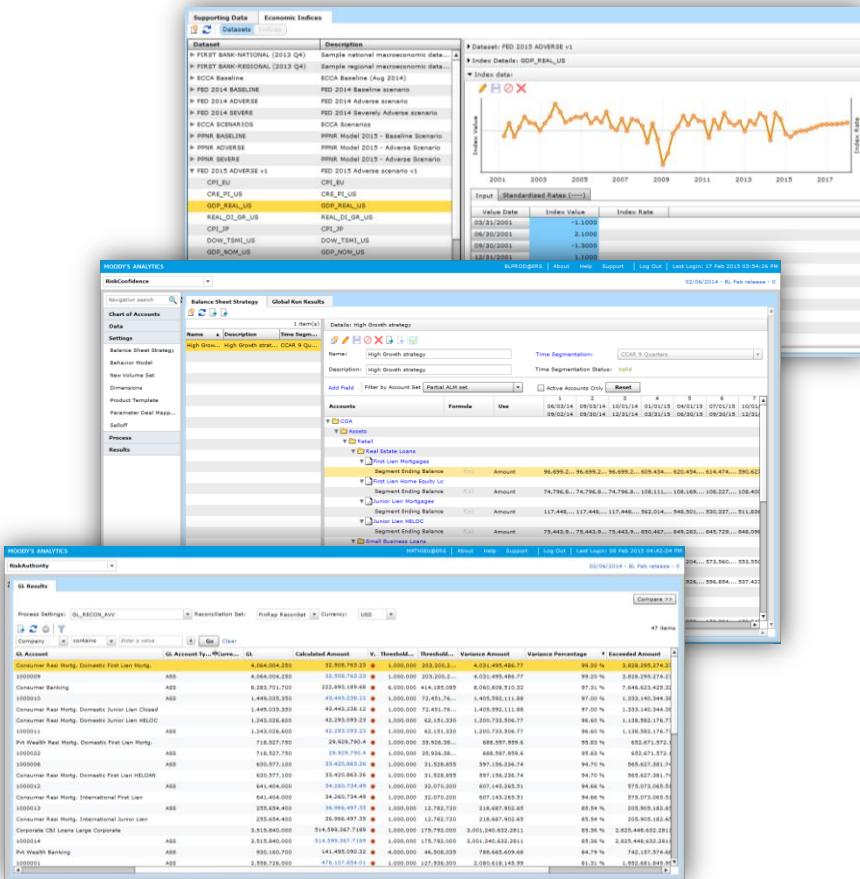
... una necessaria visione d'insieme



¹ Also called Pre-Provision Profit

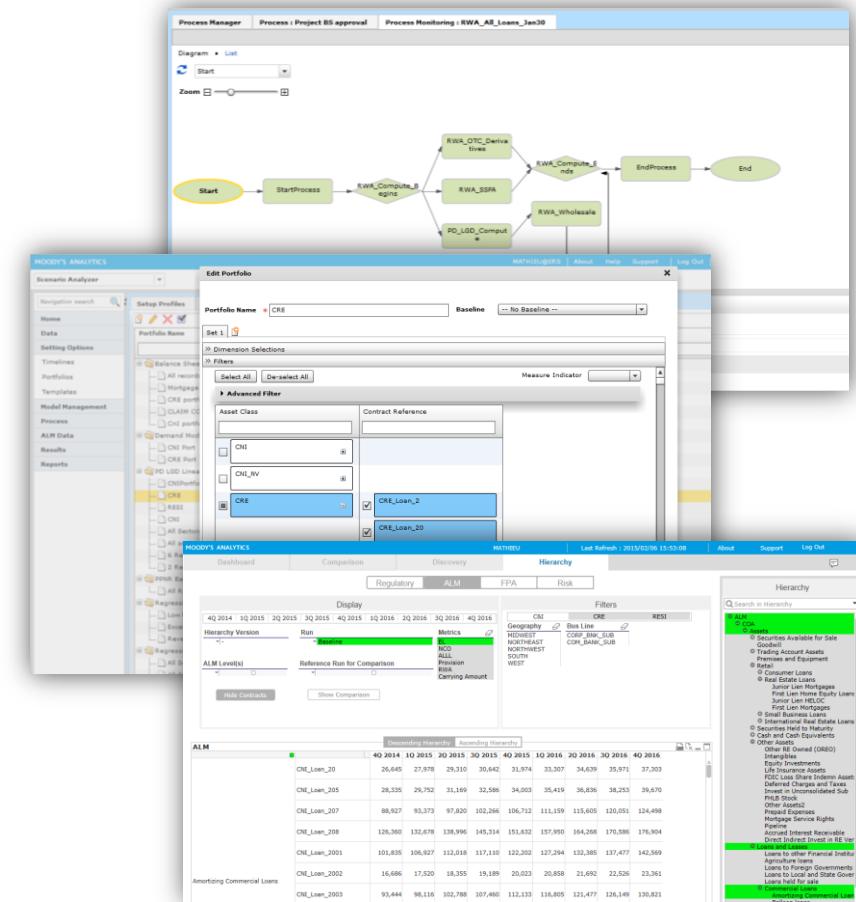
Data management nello Stress Testing

- **Centralizzare i dati Risk e Finance** al fine di alimentare coerentemente un'ampia gamma di modelli e reports
- **Evitare duplicazione di dati**
- Valutare la **qualità dei dati** e la loro riconciliazione
- Consentire la **raccolta dati con massima granularità** e al contempo la possibilità di **aggregare dati** dove richiesto dai modelli di alto livello



Automatizzazione e industrializzazione = efficienza

- **Workflow Management**
- **Integrazione** tra diversi sistemi
- **“Auditabilità”** dei risultati per una migliore interpretazione
- **Tracciabilità** degli interi processi
- **Coordinamento** tra direzione Rischi, Finanza, e Tesoreria
- **Monitoraggio** dei task per la sincronizzazione di molteplici utenti



Integrare i risultati nei processi decisionali

- Comprendere i rischi del business e integrarli nel **piano strategico** (es.: ciclo economico, fusioni e acquisizioni, future regolamentazioni, ...)
- Consentire al CdA di essere proattivo nel creare **contingency plans, recovery & resolution plans** e prendere **decisioni strategiche**
- Agevola **capital planning, capital allocation, e forecasting**
- Consente un appropriato **pricing del rischio** e aiuta a fissare adeguati **limiti di rischio**
- Facilita una più accurata **gestione di portafoglio** della banca
- Aumenta la fiducia di azionisti e del mercato



Oltre la compliance: Stress Testing come tool strategico



Considerazioni conclusive



- Possibili trends per i prossimi esercizi di Stress Testing:
 - Ricorrenti;
 - Maggiore granularità;
 - Crescente sofisticazione di approccio;
 - Maggiore importanza liquidity stress test;
 - Importanti impatti organizzativi e di governance.

- Attenzione delle banche Italiane e Internazionali è su:
 - Gestione dati, reporting e infrastruttura;
 - Automazione di processo;
 - Miglioramento della governance.

- Abbiamo iniziato un percorso evolutivo (obbligato ...) per andare oltre la compliance.







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