

INTEGRATING RISK AND SUSTAINABILITY TO DRIVE INVESTMENT IN THE 21ST CENTURY



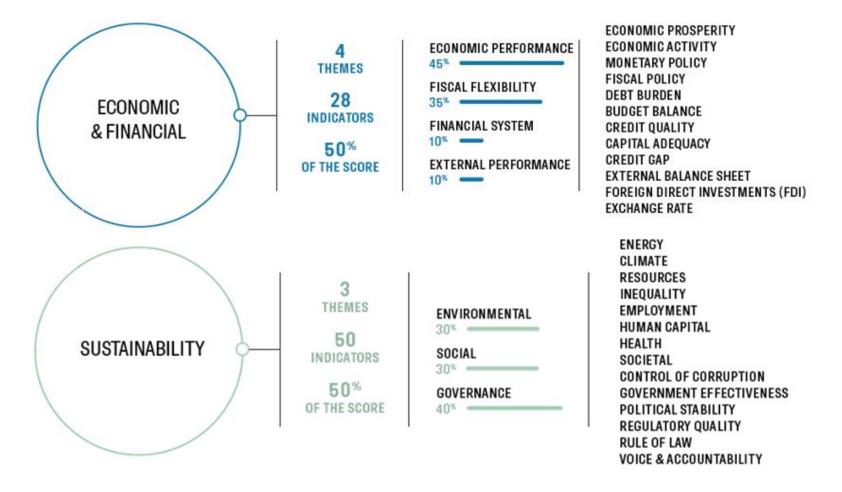


1. SOVEREIGNS ARE THE 800-POUND GORILLA OF SUSTAINABLE FINANCE





2.1 INTEGRATING ESG IN A TRANSPARENT AND SYSTEMATIC MANNER INTO CREDIT RATINGS





ESG CAN HAVE A SIGNIFICANT IMPACT ON RATINGS 2.2

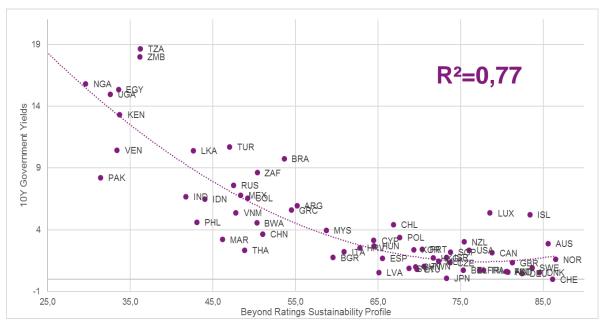
Figure 2: From Profile Scores to Quantitative Indicative Ratings

		Economic and Financial Profile										
	Scores	[100;65]]65;60]]60;55]]55;50]]50;45]]45;40]]40;37.5]]37.5;35]]35;32.5]]32.5;30]]30;0]
Sustainability Profile	[100;75]	AAA	AA+	AA	AA-	A+	A	A-	BBB+	BBB	BBB-	BB+
]75;70]	AA+	AA	AA-	A+	A	A-	BBB+	BBB	BBB-	BB+	BB
]70;65]	AA	AA-	A+	A	A-	BBB+	BBB	BBB-	BB+	BB	BB-
]65;60]	AA-	A +	A	A-	BBB+	BBB	BBB-	BB+	ВВ	BB-	B+
]60;55]	A+	A	A-	BBB+	BBB	BBB-	BB+	BB	BB-	B+	В
]55;50]	A	A-	BBB+	BBB	BBB-	BB+	ВВ	BB-	B+	В	В-
]50;45]	A-	BBB+	BBB	BBB-	BB+	BB	BB-	B+	В	В-	CCC
]45;40]	BBB+	BBB	BBB-	BB+	BB	BB-	B+	В	B-	CCC	CC
]40;0]	BBB	BBB-	BB+	BB	BB-	B+	В	В-	CCC	CC	C



3 ESG PERFORMANCE CAN HELP EXPLAIN SOVEREIGN RISK

Beyond Ratings' Sustainability Profile *vs* 10Y Government Yields, Q4 2017



The Sustainability profile and long-term sovereign yields

- Following the previous literature, the objective of the Beyond Ratings Sustainability Profile is to capture different components of ESG factors and their potential impact on sovereign credit risk.
- Governments with weak Sustainability profiles present a higher risk of sovereign default, and vice-versa
 - Governance performance has immediate credit implications and policy issues with long-term economic and investment impacts
 - Countries with weak social performance are often more prone to shocks from social events, leading to greater sovereign risk

Correlation (R ²) with 10y yields							
Aggregate Score	0,79						
Sustainability Profile	0,77						
Economic & Financial Profile	0,78						
CRA Financial Ratings	0,59						



There is a negative relationship between country Sustainability profiles and longterm sovereign yields



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