DATA-DRIVEN MATERIALITY ASSESSMENT OF GLOBAL INSURERS WITH SG PRESENCE

Better Life Insurance

Quasi **Company**



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Profile



Based on the company profile of Better Life Insurance

Secondary Research Phases

Solutions

Industry Research Competitor Analysis GRI Overview UNFI PSI Overview

Singlife Allianz (II)

Actions

Activities

*** HL** Assurance

UN 📵

Questionnaire Design Survey **Data Analysis**

Primary Research

Questionnaire Design

A UNSDGs survey for PSI members that write life & health business

Money laundering

Tax evasion

Tax efficiency

ersonal data breach

Poor corporate governance

Poor product or service quality

Approaches

Methodologies

Layer Analysis Methodology 1 Methodology 2

Financial - driven

Target audience

- driven

Take care of your life, shape your better future.

VISION STATEMENT

BLI has developed a targeted strategic approach and hopes that

Asset management and environmental risk control. Improve ESG management and reputation. Strengthen digital management and risk control.

5 Employee satisfaction and community contribution.

Yearly insurance premiums

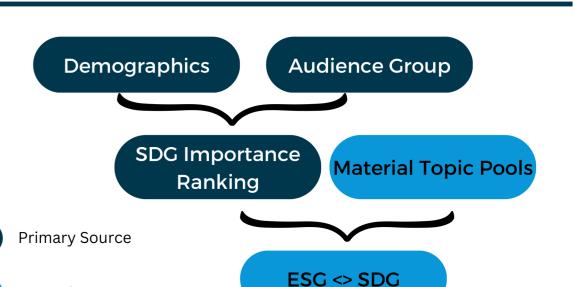
US\$9 billion

US\$4 billion Yearly claims amount

76 Years of service

AA-

Fitch Rating 2022 800K



Internal:

In-Between:

External:

Investors

Community

Regulators

Rating Agencies

The Company

Customers / Policy-holders

Questionnaire Design

FWD

SAMPLE SHEET

What do you find the most important among those topics (ranking the following UN SDGs based on their importance)?

GRI



What is your age? 1) <= 18 (not eligible) 2) 19 - 253) 26 -30 4)31 - 505) >=51

What is your gender? 1) Female 2) Male

What is your salary range in SGD? 1) Below and 1999

2) 2000 - 3499 3) 3500 - 4999 4) Above and 5000

consider them to be incapable of making wise and trustworthy financial decisions. Ir the eligible sample, the age breakdown is well-balanced. The financially robust group (aged between 26 and 50) accounts for over 50% of the population. Furthermore, our survey covers a balanced gender mix

as well as financial standing.

We filtered participants under 18, as we

Defining Material ESG Factors List



and governance issues.

manage risk and

develop solutions

across society on

environmental, social

and governance issues

Material ESG Factors ntimicrobial and antibiotic resistance vironmental degradation(pollution) ectious diseases (pandemic) Algorithmic underwriting (Al bias) ustomer characteristics Financial capability Health capability/awareness We have adapted the list luman rights more comprehensive for the Bribery & corruption

insurance business

Better Life Insurance because this ESG factors list is entire life and health insurance business market and is not directly applicable to our **Quasi-companies.**

Material ESG Factors onsible environmental practices and startegy ironmental impacts odiversity and environmental resilience stomer Satisfication ata privacy & Al ethics versity, equility and inclusion munity impacts & investment alth and healthcare access bust corporate governance ployees development and wellbeing lent acquisition and training orkplace safety and harmony nti-bribery and corruption ponsible investment esting for good nancial Resilience moting financial literacy

implementing the

Principles ⁶³

Audiences-driven Focuses on getting the audience's insights and creating the rank of factors list according to their ideas and opinions on the importance of ESG

Material factors.

Financially-driven Takes a financial statement perspective and ranks ESG factors based on their impact on the financial statement.

 Employees **UNDERSTAND** Shareholders

Secondary Source

Through primary research and secondary research, we have a systematic knowledge of each target audience and analyze the awareness and importance of each audience on ESG management strategies and Material ESG factors.

DEFINE Through analyzing the survey results and applying special algorithms, we define a complete list of Material ESG factors and assign values to each topic according to audience groups.





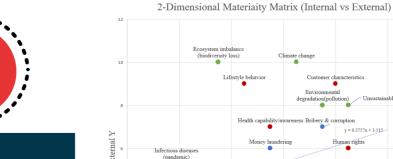
framework is tested and tuned using actual survey

and management

also value the company's ESG report and have a direct or indirect relationship with the company's ESG disclosure. We classified the defined "Target Audiences" according to their relevance to the company's operations and business activities and their status at three levels: internal, external and in-between.

Ranking

PROTOTYPE The output will be a real-time framework that can be readily adjusted for future evaluation



Final

22.54%

51.00%

26.46%

In our definition of "Target Audiences", we have taken into

account the most common groups in the insurance industry

that companies define as "stakeholders" and added to them

those we consider not to be direct "stakeholders but who

Audience-Driven

A for 5-3-1, B for 4-2-1, C for 2-2-2, D for 1-1-1 Ranking Method 0 for no, otherwise deduct the INPUT amount If Deduct Points for Unchosen 0.1 Weight for Audience EQ for equal, RN for random, UR for USERINPUT EQ E for natural log, B for binary log (base 2), T for decimal log (base 10), H for hexadecimal (base 16)

1					Target Aud	liences			
			Internal		tween	External			
	Material ESG Factors	Company	Employees	Shareholders	Customers	Investors	Community	Regulators	Rating Agency
		0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
_	Responsible environmental practices and startegy	9.90	3.34	1.08	25.98	15.22	7.45	1.58	21.97
Lo.	Environmental impacts	20.43	26.93	14.56	30.33	1.05	4.20	19.82	9.55
Environ.	Carbon Reduction / Removal	21.18	12.45	1.77	13.57	26.84	10.77	20.80	2.96
	Biodiversity and environmental resilience	25.11	13.47	25.94	6.13	3.25	6.36	26.41	18.61
	Digital inlcusion	11.88	23.98	6.78	18.59	20.59	26.46	9.27	4.82
	Customer Satisfication	15.87	25.01	21.12	23.63	21.71	5.82	16.98	24.10
I =	Data privacy & AI ethics	6.15	1.36	8.62	7.13	18.07	4.25	11.23	4.40
Social	Diversity, equility and inclusion	9.42	4.22	20.99	14.92	4.02	12.51	11.65	15.43
S	Community impacts & investment	17.89	21.58	11.29	22.21	7.37	3.65	26.36	24.47
	Health and healthcare access	5.14	9.64	10.65	12.54	18.63	21.38	16.28	25.74
	Responsible selling parctice	24.26	15.18	4.23	11.49	21.30	8.40	4.36	12.51
ø	Robust corporate governance	8.55	16.02	9.06	0.96	20.19	10.07	1.61	15.96
Sovernance	Employees development and wellbeing	21.22	13.99	3.31	15.32	6.12	12.57	26.33	2.33
Ë	Talent acquisition and training	10.53	12.75	10.56	18.95	3.69	1.26	10.33	17.96
Š	Workplace safety and harmony	23.42	17.98	25.65	5.25	6.06	14.68	8.03	11.35
	Anti-bribery and corruption	1.62	7.98	16.63	0.96	17.72	14.94	1.79	17.82
=	Responsible investment	2.42	8.88	23.04	13.09	12.02	16.99	8.64	12.18
nci	Investing for good	26.90	24.25	2.75	21.10	17.06	5.02	4.60	5.53
Financial	Financial Resilience	7.85	26.49	20.29	20.57	3.45	11.41	22.28	4.76
	Promoting financial literacy	19.19	23.87	2.22	11.49	2.18	11.33	12.87	9.75

Audience Group	Methodology	Labor Cost				
The Company	Align with the C-suite on the internal cultures and values	1-hr workshop with senior leaders; annually				
Employees	Conduct company-wide questionnaires; OR survey employees' views during regular internal training sessions.	Extra 1/2 hr each training session to fill out the questionnaire; 2 full workdays for the ESG team to perform data analysis; regularly				
Shareholders Send out shareholder voting requests and collect information from investors themselves or from their proxies.		Investor relation team/ESG team: 10 workdays with 25% commitment; annually				
Customers Share the questionnaire when the customer signs up for a contract, OR broadly share the questionnaire with the selected public.		1/2 hr + \$10 for cash incentive per customer; per occurrence				
Investors	Learn from investor sustainability reports or news releases.	5 workdays with 50% commitment; annually				
Community Embed questionnaires in the community apps, OR include a survey as a part of community engagement activities. Extra 1 hour per community engagement activities.		Extra 1 hour per community engagement activity: per occurrence				
Regulators	Study authoritative circulations and perform secondary analysis to learn about the preference of this group.	10 workdays with 50% commitment; annually				
Rating Agencies Request manuscripts from rating agencies, and weigh this group according to their manuscripts items.		10 workdays with 50% commitment; bi-annually				

Financially-Driven

100 T		Absolute Value		Stand	ardized	Score	Weighted	l Standardiz	ed Score	T . 10	D 1
Material ESG Factors	X	Y	Z	X	Y	Z	X	Y	Z	Total Score	Rank
Antimicrobial and antibiotic resistance	\$ 32,024,658	\$ 7,000,000,000	\$ 1,670,505	3	4	10	0.6762	2.04	2.65	5.362	12
Climate change	\$ 95,152,327	\$ 11,082,700,000,000	\$ (297,988)	9	10	4	2.0286	5.1	1.06	8.187	2
Ecosystem imbalance (biodiversity loss)	\$ 21,455,365	\$ 12,000,000,000,000	\$ 82,247	2	10	5	0.4508	5.1	1.32	6.874	7
Environmental degradation(pollution)	\$ 86,943,735	\$ 4,600,000,000,000	\$ 586,576	8	8	7	1.8032	4.08	1.85	7.735	4
Infectious diseases (pandemic)	\$ 32,024,658	\$ 31,100,000,000	\$ (1,078,406)	3	5	1	0.6762	2.55	0.26	3.491	16
Unsustainable practices	\$ 107,553,796	\$ 3,855,488,130,999	\$ 469,872	10	8	7	2.254	4.08	1.85	8.186	3
Algorithmic underwriting (AI bias)	\$ 64,841,263	\$ -	\$ (1,935,406)	6	1	1	1.3524	0.51	0.26	2.127	17
Customer characteristics	\$ 78,342,863	\$ 6,003,152,377,495	\$ 715,835	8	9	8	1.8032	4.59	2.12	8.510	1
Financial capability	\$ 17,844,180	\$ -	\$ -	1	1	5	0.2254	0.51	1.32	2.058	18
Health capability/awareness	\$ 10,878,877	\$ 3,692,000,000,000	\$ 1,359,946	1	7	10	0.2254	3.57	2.65	6.441	9
Human rights	\$ 104,880,238	\$ 2,800,000,000,000	\$ 610,507	10	6	7	2.254	3.06	1.85	7.166	5
Lifestyle behavior	\$ 65,904,668	\$ 5,884,047,719,298	\$ (579,425)	6	9	3	1.3524	4.59	0.79	6.736	8
Bribery & corruption	\$ 102,987,151	\$ 3,600,000,000,000	\$ -	10	7	5	2.254	3.57	1.32	7.147	6
Insurance fraud	\$ 12,008,347	\$ 561,090,909,091	\$ -	1	5	5	0.2254	2.55	1.32	4.098	14
Money laundering	\$ 65,614,889	\$ 1,870,000,000,000	\$ -	6	6	5	1.3524	3.06	1.32	5.735	10
Personal data breach	\$ 68,683,258	\$ 17,835,000,000	\$ (518,195)	7	4	3	1.5778	2.04	0.79	4.412	13
Poor corporate governance	\$ 103,137,114	\$ -	\$ 1,728,164	10	1	10	2.254	0.51	2.65	5.410	11
Poor product or service quality	\$ 14,477,353	\$ -	\$ -	1	1	5	0.2254	0.51	1.32	2.058	18
Tax evasion	\$ 8,424,515	\$ -	\$ -	1	1	5	0.2254	0.51	1.32	2.058	18
Tax efficiency	\$ 63,633,018	\$ -	\$ 445,591	6	1	7	1.3524	0.51	1.85	3.715	15

Environment Social Governance

Internal VS External Premium VS Investment Weight Table Premium (X) 46 Internal (X+Z) 54 External (Y) Investment (Z)

1	Customer characteristics
2	Climate change
3	Unsustainable practices
4	Environmental degradation(pollution)
5	Human rights
6	Bribery & corruption
7	Ecosystem imbalance (biodiversity loss)
8	Lifestyle behavior
9	Health capability/awareness
10	Money laundering
11	Poor corporate governance
12	Antimicrobial and antibiotic resistance
13	Personal data breach
14	Insurance fraud
15	Tax efficiency
16	Infectious diseases (pandemic)
17	Algorithmic underwriting (AI bias)
18	Financial capability
19	Poor product or service quality
20	Tax evasion

