



## #ESGT Impact

*Andrea's Quick Take On All Things...*

**ESG & TECHNOLOGY**

**December 19, 2022**

### *A Maiden Voyage into the Metaverse*



(c) Andrea Bonime-Blanc 2022. All Rights Reserved.

Dear Friends,

Before most of us take a few days off for the upcoming holidays and New Year celebrations, I wanted to share a few last minute resources to keep you company in those not so hectic days ahead when you may actually have time to read and view in peace.

I recently had the amazing privilege of being asked to deliver a

[keynote on how corporations are governing in a vacuum \(or not\) in that new dimension we call the Metaverse](#). So to get prepared, I purchased a Quest2 headset, spent many hours learning how to use it (getting a little nauseous in the process of "immersion"), but in the end truly enjoying understanding this new dimension of human activity a little better. And, yes, that young, cartoonish-looking woman in blue is my Avatar - the choices were limited so don't blame me if my Avatar looks nothing like me...

I had already written about the risks of the Metaverse in [The ESGT Megatrends Manual 2022-2023](#) in the Megatrend I call "Technological Disruption Becomes Multi-Dimensional". However, being asked to speak inside the Metaverse was quite another thing so I came to appreciate the [amazing work of the XRSI team of technology and other experts](#) who are trying to ensure the Metaverse is safe - for kids, for entertainment, for healthcare, for all of us. Wow, is all I have to say. And this is not going away, friends, so learn about it or not at your peril.

It's been an amazingly busy period for many of us, and I come bearing gifts of many readings/viewings of the season:

- Here's my [Maiden Voyage into the Metaverse - Day 5 on Policy, Trust and Governance](#) (my appearance is at 5:51:36 but do take a look at the full day or parts of it as the contributions of so many were so great. And there are 4 other full days of amazing learning so check it out!
- Hot off the presses is [my article for Duke University's Dialogue Magazine on what I call "The ESG Arc Bends Toward Progress"](#) - I think the title gives away my thesis. It is part of a full Q1 2023 Dialogue Issue on ESG topics called ["Business Rebooted: Leading and Thriving in an ESG World"](#) which is full of great pieces all of which you can read here.
- My latest article for Diplomatic Courier ["Geopolitical Tectonic Shifts Complicate Business Strategies"](#) discusses the emerging dominance of geopolitical risks - and opportunities - for business.
- My good friend Dante A. Disparte and I had the privilege to co-write Chapter 15 of the great new book co-edited by [Herman Brill, George Kell & Andreas Rasche](#) "Sustainability, Technology and Finance" (Routledge 2023). Our Chapter is titled ["ESGT: Exponential Technology Requires Exponential Responsibility"](#). The book is chock full of amazing writers and

contributors' thoughts on the intersection of technology with ESG  
- one of my favorite topics :)

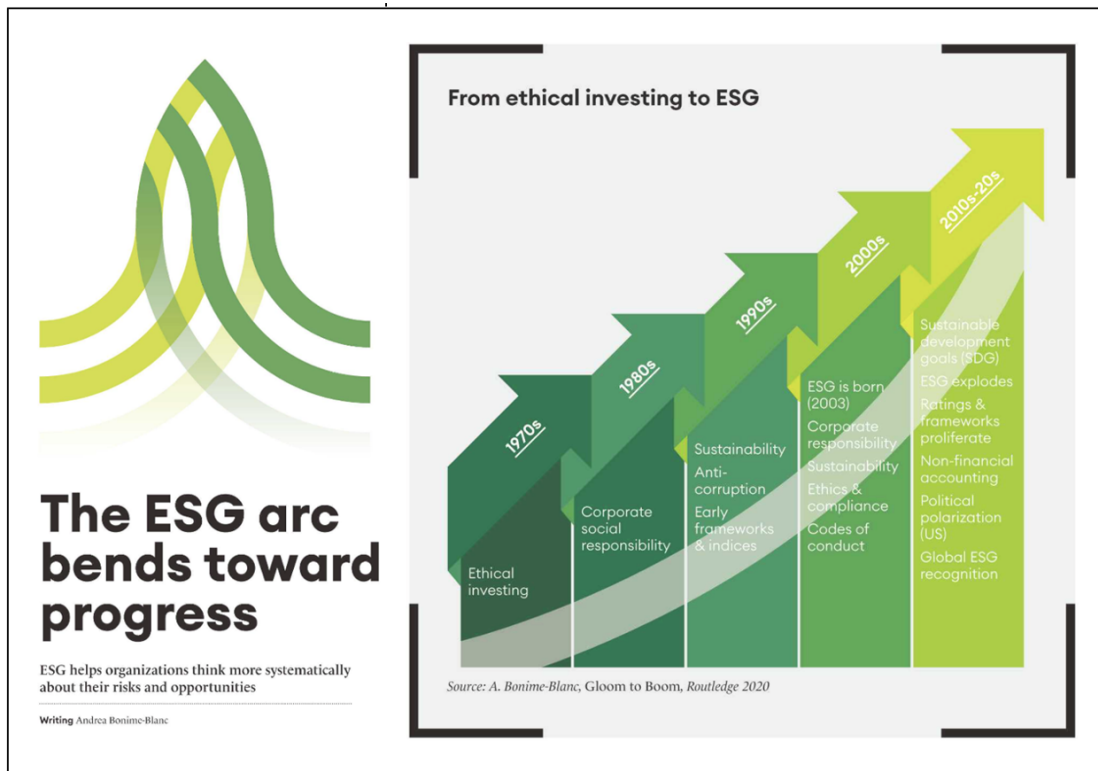
Wishing everyone a multi-dimensional, safe, peaceful and warm  
holiday season!

[Andrea](#)

Subscribe to #ESGT Impact

Read New Duke University Dialogue Magazine Article on  
"The ESG Arc Bends Toward Progress"

# Dialogue



"Geopolitical Tectonic Shifts Complicate Business Strategies" New Diplomatic Courier Article

**DC.** DIPLOMATIC  
COURIER

A GLOBAL AFFAIRS MEDIA NETWORK  
[www.diplomaticcourier.com](http://www.diplomaticcourier.com)

GLOBAL POLITICS

# GEOPOLITICAL TECTONIC SHIFTS COMPLICATE BUSINESS STRATEGIES

BY ANDREA BONIME-BLANC.



Photo by Bit Cloud via Unsplash.

NOVEMBER 23, 2022

Read Dialogue's Brand New Q1 2023 issue on "Business Rebooted: Leading and Thriving in an ESG World"



**FOCUS**  
**Business rebooted**

**16**  
**A grand reset** What ESG can do for people and our planet

**22**  
**From the top** Leaders need to step up to navigate the transition to an ESG world

**24**  
**The arc of progress** Why ESG helps leaders manage their risks

**26**  
**The long view** Short- and long-term priorities need to be aligned

**28**  
**Accelerating on inclusion** Hold leaders accountable on progress for women

**32**  
**The model black** Understanding the real cost of navigating race

XRSI Metaverse Safety Week Day 5 - Policy, Trust & Governance Day - December 15, 2022



# METaverse SAFETY WEEK

## DECEMBER 10-15, 2022

### WHERE THE WORLD COMES TOGETHER TO SAFEGUARD THE METaverse


[www.metaversesafetyweek.org](http://www.metaversesafetyweek.org)

Show all	Day 1 - December 10	Day 2 - December 12	Day 3 - December 13	Day 4 - December 14	Day 5 - December 15
	Human Rights in the Metaverse	Digital Culture, Arts, & Media	Child Safety & Children's Rights	Medical XR & Immersive Healthcare	Policy, Trust & Governance

Catch my 30 Minute Keynote on Corporate Governance in the Metaverse at hour 5:51:36

Day 5 - Policy, Trust, & Governance | 15th December

### What Could Go Wrong: Risk




- "Metaverse App Allows Kids into Virtual Strip Clubs" BBC, February 23, 2022.
- "Woman Says She Was 'Gang-Raped' in Facebook's Metaverse" Vice News, February 1, 2022.
- "How will Facebook Keep its Metaverse Safe for Users?" Financial Times, November 12, 2021.
- "Come the Metaverse, Can Privacy Exist?" Wall Street Journal, January 4, 2022.
- "The Metaverse is Everything you Hate about the Internet Strapped to Your Face" Grid, February 4, 2022.
- "Why the Hell Are People Getting Married in the Metaverse? The Bride Wore Blockchain" Daily Beast, April 23, 2022.
- "Virtual High? Rapper Snoop Dogg Wants to Grow Weed in the Metaverse" Bitcoinist, April 22, 2022.

#MSW2022 #MetaverseSafety Source: A. Bonime-Blanc. The ESGT Megatrends Manual 2022-2023. Diplomatic Courier [www.metaversesafetyweek.org](http://www.metaversesafetyweek.org)


"ESGT - Exponential Tech Requires Exponential Responsibility" - Chapter 15 in Brill, Kell, Rasche New Book - Sustainability, Technology & Finance (Routledge 2023)

Sustainability, Technology, and Finance

Rethinking How Markets Integrate ESG



Edited by Herman Brill, Georg Kell, and Andreas Rasche



15

ESGT—Exponential Technology Requires Exponential Responsibility

Andrea Bonime-Blanc and Dante A. Disparte

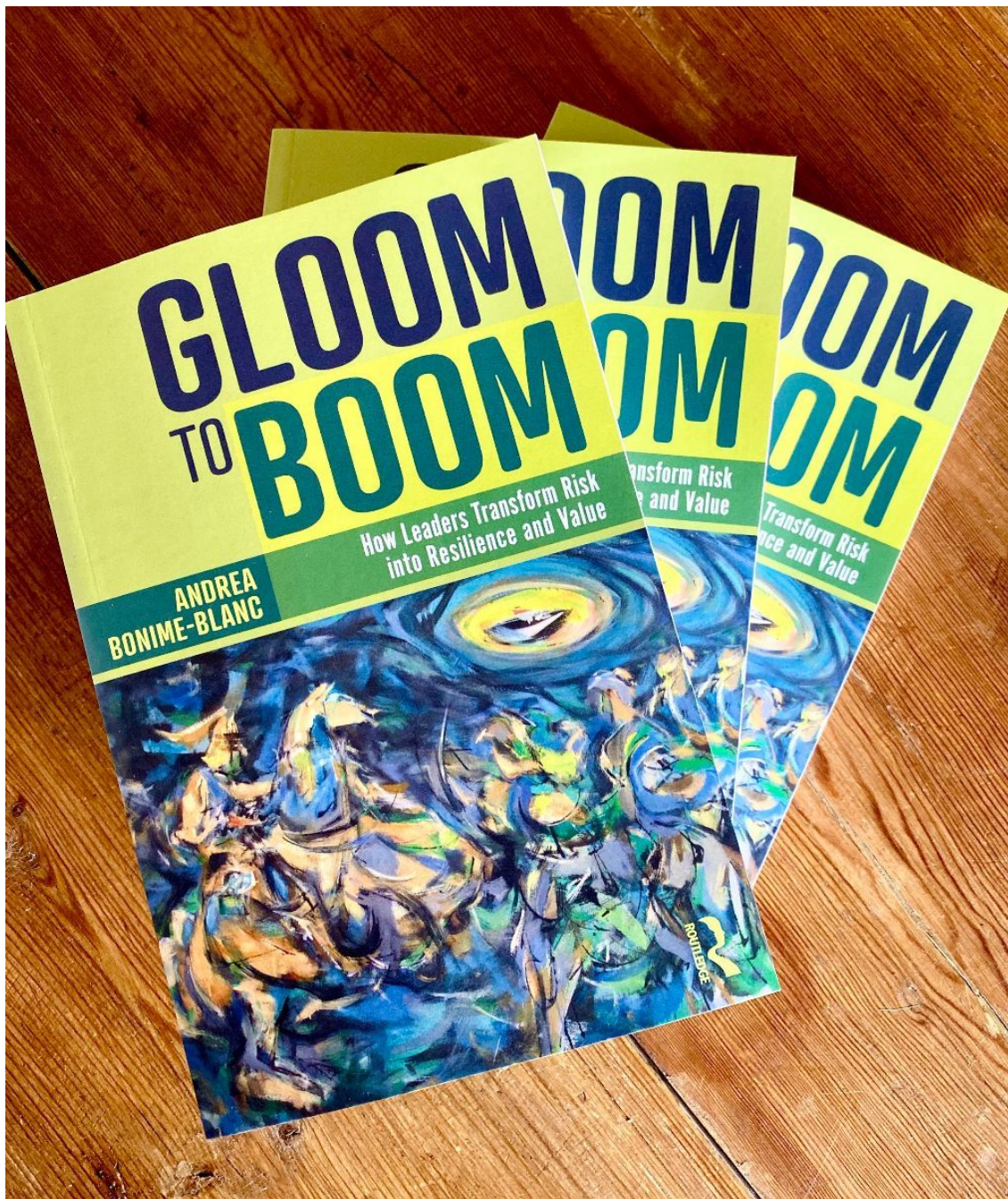
INTRODUCTION

In an era of exponential technological change and disruption leaders everywhere must up their game and engage in exponential responsibility. How do they do that? By embracing a holistic environmental, social, governance, and technological (ESGT) approach to intangible risk and opportunity management, by incorporating such considerations into strategic planning and product and service R&D and by exponentially turning up the volume on technology governance in all its nuances and incarnations.

Contents	
List of Figures	xi
List of Tables	xiii
List of Boxes	xv
Notes on Contributors	xvii
Foreword	xxv
List of Abbreviations	xxvii
1 Sustainable Finance and Technology: Making the Connection	1
Herman Brill, Georg Kell, and Andreas Rasche	
PART I	
ESG and Technology	17
2 History of Technology and Its Future in the Context of Human Development	19
Lars Jaeger	
3 ESG—A Transformational Journey for Asset Management, Industries, Technology, and Society	47
Asoka Wöhrmann	
4 How Can Corporate Leverage Tech and Sustainability through Collaboration? Digital with Purpose—Current Practices and Trends	69
Luis Neves	
5 Decarbonization as a Chance	91
Herbert Diess	
PART II	
ESG as and through Technology	117
7 Mitigating the Risks and Nurturing the Opportunities: Data and Tech Vital in Tackling Companies' ESG Challenges	119
Nina Arquint and Andreas Berger	
8 Resilience as an Analytical Filter for ESG Data	141
Ashby Monk and Dane Rook	
9 Technology-Supported Investment Management	163
Eduard van Gelderen and David Ouellet	
10 Finance, Sustainability, and Technology: Co-Evolution in Asset Owners' Context	183
Winston Ma	
11 A Digital Twin for Finance: Artificial Intelligence Supporting the Implementation of Environmental, Social, and Governance Targets	193
Christof Mascher	
12 Efficiently Allocating Capital to Transition to a Sustainable Economy	211
Madelyn Antonic	
13 Assessing ESG from a Position of Wealth	235
Elias Ghanem	
14 The Rise of ESG Data: A Tectonic Transparency Shift	251
Inna Amesheva	
15 ESGT—Exponential Technology Requires Exponential Responsibility	273
Andrea Bonime-Blanc and Dante A. Disparte	

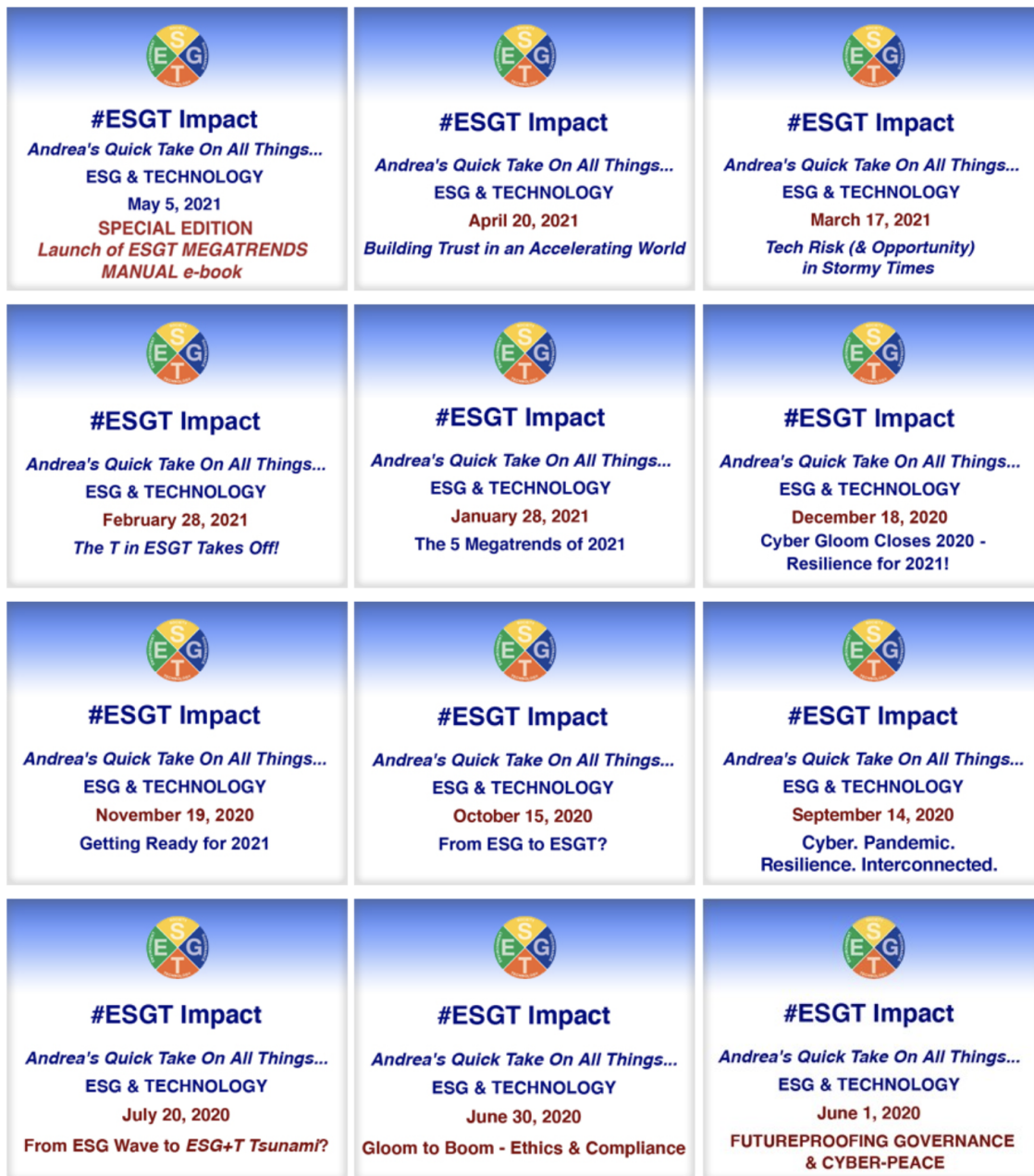


Gloom to Boom Book - 3 Chapters - Free Download



Visit [Gloom to Boom's Amazon Page](#)

Subscribe to #ESGT Impact



Copyright © 2022 GEC RISK ADVISORY LLC. All rights reserved.

Our mailing address is:  
GEC Risk Advisory LLC  
P.O. Box 231351  
NEW YORK, NEW YORK 10023 USA

[unsubscribe from this list](#) [update subscription preferences](#)



Twitter




Website



Email

 Tweet

 Forward

 Share