

Contents

Contributors	xiii
Foreword by Christiana Figueres	xvii
Foreword by Elizabeth Wathuti	xix
1. Earth for All: Five Extraordinary Turnarounds for Global Equity on a Healthy Planet.	1
Breakdown or Breakthrough?	4
A Brief History of Future Scenarios	9
From <i>The Limits to Growth</i> to Planetary Boundaries	13
The Earth for All Initiative	19
People Support Economic Systems Change	25
2. Exploring Two Scenarios: Too Little Too Late or Giant Leap?	27
A Brief Review of 1980 to 2020	33
Scenario 1: Too Little Too Late	35
Scenario 2: The Giant Leap	45
Which Scenario Do We Co-create?	53
3. Saying Goodbye to Poverty	57
What Is Our Current Problem?	59
Turning Poverty Around	63
Solution 1: Expand Policy Space and Deal with Debt	64
Solution 2: Transform the Financial Architecture	65
Solution 3: Transform Global Trade	67
Solution 4: Improve Access to Technology and Leapfrogging.	68
Barriers to the Solutions	69
Conclusions	71

4. The Inequality Turnaround: “Sharing the Dividends”	75
The Problems with Economic Inequality	78
A Giant Leap Toward Greater Equality	86
Overcoming Barriers to the Equality Levers	90
Conclusions	92
5. The Empowerment Turnaround:	
“Achieving Gender Equity”	93
Population	96
Turning It All Around	98
Transforming Education	100
Financial Independence and Leadership	103
A Secure Pension and Dignified Aging	105
Conclusions	106
6. The Food Turnaround: Making the Food System	
Healthy for People and Planet	107
Consuming Earth’s Biosphere	109
Solution 1: Revolutionize the Way We Farm	112
Solution 2: Change Our Diets	116
Solution 3: Eliminate Food Loss and Waste	119
Barriers	121
Conclusions	123
7. The Energy Turnaround: “Electrifying Everything”	127
Challenges	129
Don’t Look Up	131
Solution 1: Introduce Systemic Efficiency	132
Solution 2: Electrify (almost) Everything	134
Solution 3: Exponential Growth in New Renewables	135
The Energy Turnaround in the Earth4All Analysis	137
Barriers	137
Conclusions	144
8. From “Winner Take All” Capitalism to	
Earth4All Economies	145
A New Economic Operating System	145

The Rise of Rentier Capitalism	147
Rethinking the Commons in the Anthropocene	149
The Conventional Economic Gameboard	152
Redrawing the Gameboard	155
Short-termism: The Road to a Parasitic Financial System	159
Putting the Systems Change into Effect	160
How to Resolve the Systems Failure	161
Conclusions	163
9. A Call to Action	165
Is Earth for All Closer Than We Think?	167
A Chorus of Voices	170
Appendix: The Earth4All Model	175
Model Purpose	175
Model History	176
The Main Sectors in the Model	177
Model Causal Loop Diagram	179
Model Novelty	179
The Earth for All Game	180
Notes	181
Index	189
About the Authors	195
About the Publisher	196