

INDEX

Symbols

2x2 matrix, 59
 buzzwords, 63-64
 innovation, 61
 sustainability, performance drivers, 61
 3P (Pollution Prevention Pays), 66

A

acid rain, 35
 affluence, 31-32
 antiglobalization demonstrators, 21
 ApproTEC (Appropriate Technologies for Enterprise Creation), providing consumer surplus to BOP, 147
 Aracruz Celulose, 48
 Asian tsunami, economic effect of, 216-217
 Asset Recycle Management, 12
 auto industry, clean technology initiatives, 77-78
 AUTOmomy project, 99

B

Bah Abba, Mohammed, 192
 banking, multicrodit loans, 72
 base of pyramid (BOP), 15
 becoming indigenous, 219-221
 beggars, extending loans to, 174
 benefits of greening initiatives, 14

Benyus, Janine, 173
 “beyond greening” strategies, 14-16, 90
 biomimicry, 33
 birth rates, 32
 BOP (base of pyramid), 15
 business creation, 145-147
 business model innovation, evaluating sustainability impact, 151-153
 consumer surplus, providing through business model innovation, 145-147
 developing market opportunities, 136-144
 engaging, 190-193
 Great Leaps Downward, Grameen Telecom, 122
 as MNC business target, 158-159
 as target for disruptive technologies, 117
 “unfreedoms,” 141
 BOP Learning Laboratory, 108
 Braungart, Michael, 15
 Brundtland Commission, xli
 Burlington Chemical Company, “creative destruction” strategy, 94

C

capitalism, 24. *See also* global capitalism
 carbon dioxide and waste reduction, 95
 cause-related marketing, 68
 Cemex, constraint identification, 141-144
 CEMP (Corporate Environmental Management Program), 13

Center for Sustainable Enterprise, 15
 Christensen, Clay, 109, 198
 chronocentrism, xxxv
 clean technology, 69-71, 77-78
 CMA (Chemical Manufacturers Association).
 Responsible Care, 88-89
 coinventing custom solutions, 194-196
 collaboration
 after Asian tsunami, 216-217
 with nontraditional partners, 201-204
 Collins & Aikman Floorcovering, 46
 collision course of three economies, 40-41,
 47-50
 command-and-control regulation, 5
 consumer surplus, providing to BOP through
 business model innovation, 145-147
 continuous improvement (kaizen), 8
 core versus fringe stakeholders, 171
 Corporate Environmental Management
 Program (CEMP), 13
 corporate footprints, reducing (developed
 markets), 44-46
 corporations, downfall of, 19-20. *See also*
 MNCs
 cost structures, lowering, 225
 Coyle, Diane, 102
 “cradle to cradle,” 12
 “cradle to grave,” 12
 creative creation, 114
 creative destruction, 86-87, 94-95, 114
 custom solutions, coinventing, 194-196

D

Daewoo, 53
 de Soto, Hernando, 37, 112
 DeSimone, Joe, 95
 developed economies, 34, 42-46
 DG (distributed generation of power), 122-124
 direct-distribution business model, developing
 for BOP market, 140
 disequilibrium, 85
 disruptive innovation, 113
 developing, need for divergent
 thinking, 173
 GM crops, backlash against, 126-129
 nonconsumption as competition, 117
 PCs, 115
 targeting BOP, 117
 Dow Chemical, 13
 downfalls of corporations, 19-20
 DuPont, 44

E

e-choupals initiative, 150
 economic effect of Asian tsunami, 216-217
 EHS (environment, health, and safety), 6
 emerging economies, 34
 EMS (environmental management system), 9

Enron, xxxviii
 enterprise-based model of reconstruction, 217
 environment, health, and safety (EHS), 6
 environmental management system (EMS), 9
 EPA (Environmental Protection Agency), 5
 Escobar, Arturo, 169
 Evaluating sustainability impact of business
 models for BOP market, 151-153
 experimenting with low-cost probes, 196-198
 extralegal sector, connecting with formal
 economies, 113

F

facilitating local capability, 194-209
 FDI (foreign direct investment), xxxix
 Fingerlakes Aquaculture, 49
 Fisher, Martin, 145
 FLA (Fair Labor Association), 69
 foreign direct investment (FDI), xxxix
 Frank, Bob, 232
 Friedman, Tom, 191, 215
 fringe stakeholders, identifying, 173

G

Galanz, success with disruptive innovation,
 117-118
 General Motors, AUTOmomy project, 99
 Gibson-Graham, J.K., 187
 global capitalism, xli-xlii
 global economy, expanding concept of, 186, 189
 global enterprise sustainability, reliance on
 organizational alignment, 227-231
 globalization, downfall of corporations, 19-20
 GM (genetically modified) crops, backlash
 against, 126, 129
 GrameenPhone, 120
 Grameen Telecom, village phones, 119-121
 sustainability assessment, 153-156
 “Great Trade-Off Illusion,” 6-7
 green manufacturing with carbon dioxide, 95
 greenhouse gas emissions, reducing, 46
 greening revolution, 12-16, 87
 “greenwash” portfolios, 75

H

Hammond, Al, 141
 Hawken, Paul, 97
 Henderson, Hazel, 187
 HLL (Hindustan Lever Limited), 22, 136-140
 Holliday, Chad, 44
 home construction, whole systems thinking, 98
 Honey Care Africa, 202

I

“i-communities,” 73
 identifying fringe stakeholders, 173

incremental innovation, Responsible Care, 88-89
 indigenous societies, recognizing to provide sustainability, 219-221
 infrastructure development, effect on Ladakhi society, 165-167

J-K

Jackson, Wes, 186
 Japan, 8

kaizen, 8
 Khanna, Tarun, 201
 Korten, David, 169
 KX Industries, 52

L

Liang, Qingde, 118
 Lieberthal, Ken, 107
 life-cycle design principles, 12
 life-cycle management, 68
 locally responsive strategies, 21
 London, Ted, 189
 Lovins, Amory, 97
 Lovins, Hunter, 97
 low-cost probes, experimenting with, 196-198
 LUTW (Light Up the World), 124

M

mandis, 150
 Mao Zedung, 113
 marginal analysis, 96
 McDonough, Bill, 14
 McMillan, John, 233
 Micell Technologies, 95
 Milstein, Mark, 58
 MNCs (multinational corporations), xxxix, xl-xli, 22, 223-226
 bypassed BOP market opportunities, 111
 cost structures, lowering, 225
 duplicating ownership, 233
 failure of emerging market strategy, 110
 Hindustan Lever, Ltd. (HLL), developing BOP market opportunities, 136-140
 impetus for developing BOP business opportunities, 157-159
 outreach, 148-149
 outreach programs, POEMA, 149
 ownership of ideas, 234
 product development, focusing on functionality, 224-225
 scale, redefining, 226-227
 money economy, 34-35
 Moneymaker Microirrigation Pump, 200
 monolithic entities, 42
 Monsanto, 17-19
 Moore, Sam, 93

muda, 9
 multiredit loans, 71
 multinational corporations. *See* MNCs

N

NAFTA (North American Free Trade Agreement), 93, 130
 natural capitalism, 14
 nature's economy, 38-39
 NGOs (nongovernmental organizations), 15, 19
 Nike, "World Shoe" initiative, 178
 nonconsumption as competitor to disruptive innovation, 117
 nongovernmental organizations. *See* NGOs
 nontraditional partners, working with, 201-204
 Norberg-Hodge, Helena, 164
 North American Free Trade Agreement. *See* NAFTA

O

ODA (official development assistance), xxxix
 organizational alignment as prerequisite for global enterprise sustainability, 227-231
 outreach programs, 148-149
 ownership of ideas, 233-235

P

Patrimonio Hoy, 143
 peer lending, multiredit loans, 72
 perchloroethelene, 95
 Pharamcia & Upjohn, 19
 POEMA (Poverty and Environment in Amazonia Research and Development), 149
 pollution prevention, 9-10, 66-67. *See also* clean technology
 postwar development paradigm, 169-172
 Poverty and Environment in Amazonia Research and Development (POEMA), 149
 poverty of dignity, 215
 Prahalad, C.K., 107, 141
 preventing pollution, 9-10
 proactive strategies, 13
 Proctor & Gamble, PuR, 52
 product development, focusing on functionality, 224-225
 product stewardship, 67-69
 progress, cost of, 4
 "Project Shakti," 139
 pyrethrum, 146

Q-R

Quadir, Iqbal, 119
 quality management, 8-9

radical transactiveness (RT), 170, 180-181
 Rajan, Raghuram, 220
 Raynor, Michael, 198, 230
 reconstruction, enterprise-based model, 217
 renewable resources, 38
 research and development as hindrance to sustainability, 223
 Responsible Care, 9, 88-89
 Roddick, Anita, 224
 RT (radical transactiveness), 170, 180-181
 Ruckelshaus, William, 57

S

SC Johnson Company, xxxi-xxxiii, 21, 46, 68, 146-147
 Sachs, Jeff, xxxviii, 169
 Sachs, Wolfgang, 169
 Samara, Noah, 195
 Save Money and Reduce Toxins (SMART), 66
 SBUs (strategic business units), 17
 Schumpeter, Joseph, 85
 Sen, Amartya, 141
 SEs (Shakti Entrepreneurs), 139
 Shapiro, Robert, 17, 230
 shareholder value, increasing through product stewardship, 67-69
 Sharma, Sanjay, 170
 Simanis, Erik, 163
 SMART (Save Money and Reduce Toxins), 66
 social contracts, building, 204-207
 Soros, George, xxxviii, 169
 stakeholders, core versus fringe, 171
 static equilibrium, 85
 Stiglitz, Joseph, xxxviii, 169
 strategic business units (SBUs), 17
 subcapabilities of RT, 172
 Superfund Reauthorization, 11
 sustainability
 2x2 matrix, 59-64
 assessing for village phone initiative, 153-156
 in auto industry, clean technology initiatives, 76-78
 avoiding top-down implementation, 221-222
 Burlington Chemical Company's commitment to, 94
 challenges confronted by, 218-221
 developing a vision for, 71-75
 disruptive technologies, 87, 129
 emerging markets, 48
 enterprise-based model of reconstruction, 217
 of global enterprise, organizational alignment as prerequisite, 227-231
 increasing through product stewardship, 67-69
 performance drivers, cost and risk reduction, 61
 R&D as hindrance to, 223
 Sustainable Development Sector, 17

T

Tebo, Paul, 44
 "technologies of liberation," 104
 terrorism, xxxviii
 in aftermath of Asian tsunami, 216-217
 as symptom of unsustainable development, 214-215
 top-down sustainability implementation, 221-222
 Toxic Release Inventory (TRI), 10
 traditional markets, 36-38, 42-43, 50-53
 transnational model, moving beyond, 207-209
 TRI (Toxic Release Inventory), 10
 Truman, Harry, 168
 tsunami in Asia, economic effect of, 216-217

U-V

"unfreedoms," 141
 unsustainable development, terrorism as symptom of, 214-215
 urbanization, 35
 Ureta, Hector, 142
 village phones, 119-121
 sustainability assessment, 153-156
 voluntary initiatives, 10-14

W-Z

Washington Consensus, xxxviii, 129
 waste reduction strategies, 66-67
 water, 52
 supplying to developing countries, 199
 water tables, 39
 white LED technology, 125
 whole systems thinking, 97-99
 Wireless Women of Grameen, 120
 World Business Council for Sustainable Development, 14
 WRAP (Waste Reduction Always Pays), 66
 Xerox, life-cycle design principles, 12
 Yunus, Muhammad, 71
 Zingales, Luigi, 220