



Index

- Acquisition cost, 200
- Adidas, 23
- Advertising, 115–117, 119–132
- Africa, 60–61
- Airbus, 12
- Air pollution, 8, 46–48, 75–77, 182
- Air travel, 270–271
- AISC (American Institute of Steel Construction), 280
- Alcan, 83, 192
- Allen, Chris T., 119
- Alstom, 259
- Aluminum Association, 8
- American Institute of Steel Construction (AISC), 280
- American Lung Association, 263–264
- American Marketing Association, 5
- American Public Transportation Association, 122–123
- AMSOIL, 119
- An, Feng (Figure 4-7), 71
- Annual fuel utilization efficiency (AFUE), 242–243
- Antarctica, 37
- Anxiety and fear, 125–126, 128
- A.O. Smith Water Products, 243
- Apathetics, 98
- Apple Computer, 167, 229, 248, 301–302, 304–305
- Appliances, 74–75, 219–220, 231
- Aromatic extraction, 289
- Aromatics, 289
- Ashkelon Desalination Plant, 35–36
- Aspen/Snowmass, 125–126, 128
- Asset considerations, 167
- Association of Southeastern Nations (ASEAN), 76
- Atmospheric effects, 45–48
- Austin Grill, 245
- Australia, 64
- Automobile disassembly, 191, 235

- Banana Republic, 215
- Barneys, 215

- Basel Convention, 80–81
- Basic oxygen furnaces, 285
- Batteries, 231
- Behavioral segmentation, 99
- Benchmarking, 303
- Benefit positioning, 107
- Benefit segmentation, 101
- Ben & Jerry's, 107
- Best Buy, 190
- BFRs (brominated fire retardants), 301
- Biodegradable materials, 189
- Biodiesel, 69, 264
- Biodiversity, 38, 54–56, 82–83
- Biodynamics, 136
- Biofuels, 69
- Bisleri water, 121–122
- Black liquor, 292
- Bloomberg, Michael, 8
- Bloom, Paul N. (Figure 5-7), 105
- Blue Angel label, 137, 138
- BMW, 267
- Body Shop, 9, 106, 125, 127, 132
- Boeing, 270–271
- Bombardier, 259
- Brand
 - attachment, 134
 - attitude, 134
 - attributes, 119–122
 - defined, 132
 - equity, 132
 - image, 130–132
 - imagery, 133
 - preference, 124–125
 - recall, 119, 132
 - recognition, 132
 - reputation, 167
- Brand-specific need recognition, 224–225
- Break-even pricing, 206–207
- Brita, 134, 140–141, 199
- British Petroleum (BP), 10, 23
- Brock University, 13
- Brominated fire retardants (BFRs), 301

- Buildings and construction, 72–73
- Bundling, 208
- Burt's Bees, 224–226
- Business case preparation, 151–152
- Bus rapid transit (BRT) systems, 72, 272–275
- Buygrid framework, 102
- By-products, 13

- CAFE (corporate average fuel economy) standards, 262
- California, 3, 98
- California Global Warming Solutions Act (2006), 202
- Calvin Klein, 215
- Campbell's Soup, 230
- Canada, 216
- Carbon black, 290
- Carbon dioxide, 40–41, 62, 286
- Carbon Disclosure Project (CDP), 181
- Carbon emissions
 - chemical production, 289–291
 - concrete industry, 288
 - household consumption, 228, 231–232
 - industrial sources, 280–282
 - industrial standards, 293–295
 - nonmetallic minerals, 287–289
 - paper and pulp industries, 291–293
 - service sector and, 241–244, 246
 - steel production, 282–287
 - transportation, 260–261, 269–271
- Carbon offsets, 63, 196–197, 206
- Car ownership and usage, 262
- Carpooling, 269
- Carrefour, 181, 188
- Carter, Craig R., 7
- CDP (Carbon Disclosure Project), 181
- Celestial Seasonings, 134
- Cement, 287–288
- Certification labeling, 135–139.
 - See also ISO
- Certified emission reduction (CER) credits, 63

- CFCs (chloroflourocarbons), 26, 77
- CFL (compact fluorescent light) bulbs, 208
- Channels of distribution, 164.
See also Distribution
- Chemical Manufacturers Association, 26–27
- Chemical production, 289–291
- Chevrolet Volt, 8, 227
- Chicago Climate Exchange, 63
- China
concrete production, 287–289
developing economy, 9
electronic waste, 84
environmental protection, 76–77
greenhouse emissions, 40
hydropower plants, 60
packaging waste, 188
solar energy, 68–69
steel production, 282–283
vehicle ownership, 260
- Chlorine, 52, 290–291
- Chloroflourocarbons (CFCs), 26, 77
- Chlorox, 107, 125
- Cisco Systems, 167–168
- CLASP (Collaborative Labeling and Appliance Standards Program), 74–75
- Clean Air Act, 27, 76, 202
- Clean development mechanism (CDM), 63
- Clean Water Act (1972), 202
- Climate change
air travel
and, 270–271
consumption and, 37–43
energy use and, 43–45
evidence of, 36
reduction of, 60–64
retailing and, 181
steel industry and, 286
sustainability reporting and, 309
- ClimateMaster, 118
- Climate regions, 218
- Clinker, 287
- Close-looped systems, 192
- Coagulants, 52
- Coca-Cola, 23, 100, 105, 130, 171, 183, 312
- Coffee and Farmer Equity (C.A.F.E.) Practices, 173–174
- Collaborative Labeling and Appliance Standards Program (CLASP), 74–75
- Collective bargaining, 312
- College Sustainability Report Card, 248–250
- Communication of value
certification labeling, 135–139, 252
demarketing, 139–141
green branding, 132–135
integrated marketing, 116–118
message strategy, 118–132
- Compact fluorescent light (CFL) bulbs, 208
- Competition
pricing and, 203–205
as stakeholders, 26–27
sustainable competitive advantage, 200
target marketing and, 104
- Competitive positioning, 108
- Component restriction, 189
- Compostable items, 189
- Concrete production, 287–288
- Congo, 11
- Conservation International, 173, 252
- Consumers. *See also* Consumption
benefits of green marketing, 9–10
decision-making process, 9–10, 222–224
postconsumption evaluation, 232–235
purchases, 228–229
repurchase decisions, 224–228
as stakeholders, 26
- Consumption. *See also* Consumers
atmosphere and, 45–48, 75–77
biodiversity and, 54–56, 82–83
climate change and, 37–43, 60–64
demarketing and, 139–141
energy use, 43–45, 64–75, 216–222
environment and, 35–36
experience of, 130
land use and, 52–54, 80–82
location of, 230
manner of, 230–232
of paper products, 232
postconsumption evaluation, 232–235
sustainable, 187–192
timing, 229–230
water pollution and, 48–52, 77–80
- Continental Airlines, 206
- Contradiction matrix, 156–157
- Contradictions, 155
- Convention on Biodiversity, 82
- Convention on Long-Range Transboundary Air Pollution, 75
- Conveyors, 52
- Convincing consumers, 122–124
- Core competencies, 152
- Corporate average fuel economy (CAFE) standards, 262
- Corporate-based brand equity, 132
- Corporate credibility, 134
- Costa Rica, 7–8
- Cost-based pricing, 207
- Costs, 198–202
- Coverage of standards, 139
- Cradle-to-cradle perspective, 189
- Criteria pollutants, 46
- Cuba, 9
- Cultural creatives, 99–100
- Customer-based brand equity, 132
- Customer demand, 198–202
- Defensive green strategy, 104–105, 203
- Deforestation, 53, 81–82
- Dell, 9, 13, 154, 234, 248
- Delta faucets, 122–124
- Demarketing, 139–141
- Demeter International, 136
- Demographic changes, 150
- Demographics segmentation, 97–98
- Department of Agriculture (USDA), 135
- Department of Commerce, 149
- Department of Defense, 171
- Department of Energy, 8, 135, 218
- Desalination, 35–36
- Desertification, 53–54, 81–82
- Developing economies, 9
- Diesel engines, 263–265, 273
- Diesel, Rudolph, 263
- Diffuse point sources, 51
- Direct/indirect energy use, 309–310
- Direct marketing, 116
- Disney, 100
- Distribution
ISO 14000, 173–174
logistics, 168–173
supply cycles, 164–168
sustainable products, 184–187
- Divestment, 224, 232–235
- Dow Chemical, 172
- Drifters, 101
- Dry quenching, 285
- Duke Energy, 22–23, 244
- DuPont, 11

- Earth Pledge, 215
 EATware International, 189
 eBay, 233
 Eco-labels, 135–139
 ECO Products, 189
 Eddie Bauer, 133
 EDF (Environmental Defense Fund), 26, 307
 Educational institutions, 248–250
 Efficient usage, 83, 166–167
 Electric arc furnaces, 285–286
 Electrolux, 305
 Electronic equipment, 84, 301–302
 Electronics Products Environmental Assessment Tool (EPEAT), 247–248
 Emission reduction units (ERUs), 64
 Emissions trading, 63
 Emotional benefits, 107, 134–135
 Employees, 26, 148, 183
 EMS (environmental management systems), 173
 Endangered species, 8–9
 End-of-Life Directive, 190, 201
 Energy
 appliances, 74–75, 219–220, 231
 buildings and construction, 72–73
 conservation, 83–85
 consumption, 43–45, 64–75, 216–222
 direct/indirect use, 309–310
 efficiency, 169
 food production, 221–222
 health care and, 250–252
 hotels and lodging, 252–253
 industrial sector, 280–282
 lighting and cooking, 221
 offices and buildings, 246–248
 paper and pulp industry, 292
 renewable, 64–70
 retailing and, 181, 243–246
 service sector use, 241–244
 space heating, 216–219, 231
 transportation, 70–72, 260–261
 water heating, 220–221
 EnergyGuide labels, 75, 137
 Energy Policy and Conservation Act (1975), 262
 Energy Star label
 electronics and appliances, 6, 75
 housing, 219
 importance to consumers, 135, 137, 200
 restaurant equipment, 246
 value-based pricing, 207
 value over time, 105
 Enhanced greenhouse effect, 37
 Enteric fermentation, 42
 Environmental actions
 air pollution, 75–77
 biodiversity, 82–83
 climate change reduction, 60–64
 energy conservation, 83–85
 energy use, 64–75
 land use, 80–82
 ozone, 77
 water pollution, 77–80
 Environmental Defense Fund (EDF), 26, 307
 Environmental management systems (EMS), 173
 Environmental Product Declaration (EPD), 138
 Environmental Protection Agency (EPA), 6, 64, 76, 107, 135, 202
 Environmental Quality Company, 189
 Environmental refugees, 38
 EnXco, 3–4, 7
 EPD (Environmental Product Declaration), 138
 EPEAT (Electronics Products Environmental Assessment Tool), 247–248
 Esty, Daniel, 227
 Ethanol, 267
 Ethylene, 291
 Europe, 40, 82
 European Carbon Exchange (ECX), 63
 European Trading Scheme (ETS), 63
 European Union, 189–191, 292–293
 Evaluation and control phase, 25
 External search, 225
 Extreme green, 105–106, 204
Exxon Valdez, 27
 Fair trade label, 138, 183
 Fashion industry, 215–216
 Fear and anxiety, 125–126, 128
 Federal Trade Commission, 189, 312
 Fertilizers, 290–291
 Fetzer Vineyards, 6
 F-gases, 39–40, 42–43
 Financial assessment, 152
 Financially based brand equity, 132
 Financial markets, 10
 Financial performance, 308–309
 Fixed costs, 198
 Fleet optimization, 169, 181
 Flex fuel cars, 267
 Fluorinated gases, 62
 Food Alliance, 135
 Food production, 221–222
 Food retailing, 245–246
 Ford Motor Company, 173, 192, 198, 267–268, 309, 310–311
Fortune magazine, 10
 Fossil fuel consumption, 8, 41, 70
 France, 37
 Freedom of association, 312
 Freight transportation, 275–276
 Freshwater, 48, 77–78
 Fuel efficiency, 12, 70–72, 267–269.
 See also Transportation
 Functional benefits, 107
 Gasoline engines, 263, 267–269
 Gates, 147
 General demarketing, 140
 General Electric, 10, 11–12, 224, 259, 306–307
 General Motors, 227, 268
 Generic need recognition, 224
 Genzyme, 10
 Geography segmentation, 98
 Georgia-Pacific, 244
 Geothermal energy, 69–70
 Gillette, 171
 Ginsberg, Jill M. (Figure 5-7), 105
 Global positioning systems (GPS), 171, 269
 Global Reporting Initiative (GRI), 302–303, 306
 Global warming. *See* Climate change
 Goodwill Industries, Inc., 13
 Gore, Al, 180–181
 Governmental entities, 27, 149
 GPS (global positioning systems), 171, 269
 Greenback greens, 98
 Green branding, 132–135
 Green Building Council, 202, 208, 247–248
 Green design, 247–248
 Green Electronics Council (GEC), 247
 Greenfield development, 52
 Green Globe certification, 252
 Green Guide for Health Care, 250–252
 Greenhouse effect, 37
 Greenhouse gases (GHG), 38–43, 62–64, 181, 310
 Greenland, 37

- Green marketing
 - benefits, 8–13
 - defined, 5–6
 - management, 6
 - participants, 14–15
 - strategic planning, 19–22
- Greenpeace, 227, 301
- GreenPoint Rated (GPR)
 - system, 202
- Green premium, 247
- Greenwashing, 23, 133–134, 174
- Grid-connected photovoltaic (PV) cells, 68
- Group processes, 148
- Grouser, 98
- Gucci, 205
- Guess, 215
- Guide to Greener Electronics*, 301

- Hazardous waste, 234–235
- HCCI (Homogenous-charge compression-ignition), 268
- Health care, 250–252
- Herve Mons brand, 186
- HEV (hybrid electric vehicles), 275–276
- HFCs (hydrofluorocarbons), 42–43, 77
- High-occupancy vehicle (HOV) lanes, 269
- High-speed trains (HST), 258–260, 271–272
- Hillsdale Fabricators, 280
- Hitachi, 259
- Holland, Inc., 245
- Home Depot, 100
- Homogenous-charge compression-ignition (HCCI), 268
- Honda, 12, 227
- Hoskins, Rebecca, 188
- Hotels and lodging, 252–253
- HOV (high-occupancy vehicle) lanes, 269
- Human rights, 311–312
- Humor, 125, 132
- Hybrid electric vehicles (HEV), 275–276
- Hybrid engines, 12, 95, 105, 183–184, 227–228, 265–267
- Hydroelectric power, 67–68
- Hydrofluorocarbons (HFCs), 42–43, 77
- Hydropower, 60–61
- Hyundai, 140

- IBLF (International Business Leaders Forum), 252
- IBM, 149, 312
- Idea generation, 147–150
- IEA (International Energy Agency), 260–261
- IKEA, 178–179, 189
- Immelt, Jeff, 307
- Implementation process, 25
- Incongruities, 149
- India, 28
- Indoor air pollution, 47–48
- Industrial gases, 290
- Industry
 - carbon emissions, 280–282
 - chemical production, 289–291
 - emissions standards, 293–295
 - nonmetallic minerals, 287–289
 - paper and pulp, 291–293
 - steel production, 282–287
- Innovation
 - defined, 146
 - pricing and, 205
 - process innovation, 154–158
 - product innovation, 146–154
- Inorganic chemicals, 290
- Inputs/outputs, 164–166, 243
- Integrated brand promotion, 117–118
- Integrated marketing
 - communication, 116–118
- Integrated urban road pricing, 72
- Intelligent transportation system (ITS), 272–273
- Internal constraints, 198
- Internal search, 225
- International Business Leaders Forum (IBLF), 252
- International Energy Agency (IEA), 260–261
- International Standards Organization (ISO), 137, 173–174, 286, 293–295
- International Sustainable Development Foundation, 247
- International Union for the Conservation of Nature, 310
- Invasive alien species, 56
- Inventory management, 170
- Iowa, 3
- ISO (International Standards Organization), 137, 173–174, 286, 293–295
- ISO 14000, 137, 173–174, 181, 183, 286, 294–295
- Israel, 35–36

- Japan, 272, 292
- Jobs, Steve, 305
- Joint implementation (JI), 63–64
- Just-in-time (JIT) inventory, 13

- Kamprad, Ingvar, 178
- Kellogg's, 100
- Kenya, 60–61
- Klimpton Hotels, 239–240
- Kroger, 186–187, 189
- Kyocera, 108, 110
- Kyoto Protocol, 62–63, 65, 202, 305

- Land degradation, 52–53, 80–81
- Land use
 - consumption and, 52–54
 - environmental actions, 80–82
 - retailing and, 181–182
- LCD monitors, 9–10
- Leadership in Energy and Environmental Design (LEED), 138, 202, 208, 247–248
- Lead users, 148
- Lean green, 104, 203
- LED (light-emitting diode) technologies, 181
- LEED (Leadership in Energy and Environmental Design), 138, 202, 208, 247–248
- Legal constraints, 202–203
- Legal system, 27
- Level of profitability, 205
- Levi Strauss, 104
- Lexmark, 140, 311
- Life cycle assessment, 137, 286
- Lifestyles of health and sustainability (LOHAS), 94, 99–100, 104, 106–107, 186–187, 196
- Light-emitting diode (LED) technologies, 181
- Lighting and cooking, 221, 243–244
- Light of Day Organics, 185, 187
- Lignin, 292
- Lithuania, 73
- Living Earth Foundation, 312
- Locally produced products, 245
- Location of consumption, 230
- Lodging, 252
- Logistics, 168–173
- LOHAS (lifestyles of health and sustainability), 94, 99–100, 104, 106–107, 186–187, 196
- Los Angeles, 273
- Lotgering, Sophie, 99
- Lundin Mining, 11

- MacBook Air, 106
- Macroenvironmental issues, 167
- Marketing, 5, 21–22, 25–26, 28–29.
 - See also* Green marketing
- Markets
 - analysis, 94–96
 - attractiveness, 152
 - changes, 149–150
 - defined, 95
 - positioning, 106–110
 - segmentation, 95–103
 - testing, 152–153
- Mass transit, 269–275
- Material efficiency, 286
- Material reductions, 286
- Mayflower Vehicle System PLC, 166
- McDonald's, 11, 25–26, 100, 149, 245
- Media, 27
- Mercedes-Benz, 268
- Mercer Color, 13
- Merck, 310, 311
- Merrell Footwear, 114–116, 134
- Message strategy, 118–132
- Metallurgy, 286
- Methane, 41–42, 62, 221
- Methanol, 289–290
- Microsoft, 100, 167
- Middle East, 35–36
- MINI, 125, 126
- Minnesota, 3–4
- Mission statements, 22–24, 205–206
- MIT, 171
- Moerhle, Martin G., 155
- Montreal Protocol, 43, 77
- Multi-echelon inventory (MEI)
 - tools, 170
- Must meet requirements, 147
- NAICS (North American Industry Classification System), 102
- Narciso Rodriguez, 215
- National Institute of Standards and Technology (NIST), 149
- National Organic Program (NOP), 136
- National Organic Standards (NOS), 136
- Natural greenhouse effect, 37
- Naturalites, 100
- Natural Marketing Institute (NMI), 99
- Natural products, 135
- Natural Resources Defense Council, 307
- Nature Conservancy, 307
- Need recognition, 224
- Nestlé's, 105, 183
- New construction, 73
- New knowledge, 150
- Niche marketing, 104
- Nike, 97, 107, 132, 203
- NIST (National Institute of Standards and Technology), 149
- Nitrous oxide, 42, 62, 221
- NMI (Natural Marketing Institute), 99
- Nonfood retailing, 243–245
- Nongovernment organizations (NGOs), 11, 27, 149
- Nonmetallic mineral production, 287–289
- Nonpoint sources, 51
- NOP (National Organic Program), 136
- Nordic Swan label, 139
- North American Industry Classification System (NAICS), 101–102
- NOS (National Organic Standards), 136
- Obama, Barack, 259
- Objectives
 - of advertising and promotion, 119–132
 - of strategic planning, 24–25
- Occupational health and safety standards, 312
- Oceans and fisheries, 50–51, 79–80
- ODS (ozone-depleting substances), 43, 310
- OECD (Organization for Economic Co-operation and Development), 44–45, 216, 260, 291
- Off-grid solar systems, 68
- Office equipment, 247–248
- Offices and buildings, 246–248
- Offshore wind farms, 4
- OFPA (Organic Foods Production Act), 135
- O'Guinn, Thomas C., 119
- Old construction, 73
- Olefins, 289–290
- Opportunity costs, 201
- Organic, defined, 135–136
- Organic farming, 136
- Organic Foods Production Act (OFPA), 135
- Organic production, 135, 183–187
- Organizational objectives, 24–25
- Organization for Economic Co-operation and Development (OECD), 44–45, 216, 260, 291
- Orlando, 274
- Osram/Sylvania, 224
- Ostensible demarketing, 140
- Other intermediaries, 289
- Ozone-depleting substances (ODS), 43, 310
- Ozone depletion, 45–46
- Pacific Gas and Electric, 208
- Packaging, 12–13, 25–26, 166–167, 172, 188–189, 243–245, 291
- Paint disposal, 201
- Paper and pulp production, 291–293
- Paper consumption, 232
- Parasitic energy losses, 276
- Particulate matter, 263–264
- Patagonia, 103, 106, 133, 204–205
- Peace River Water Authority, 140–141
- Penetration pricing, 208
- Pepsi, 23, 28, 100, 105, 183
- Perceptual changes, 150
- Perfluorocarbons (PFCs), 42–43
- Personal selling, 116–117
- Petrochemicals, 289–290
- Pew Center, 307
- PFCs (perfluorocarbons), 42–43
- P&G (Procter and Gamble), 23
- Point-of-sale displays, 115
- Point sources, 51
- Polyvinyl chloride (PVC), 301–302
- Porter, Michael E., 164
- Portland cement, 287–288
- Positioning, 96, 106–110
- Possession cost, 200
- Postconsumption evaluation, 223–224, 232–235
- Postretail packaging, 188–189
- Power. *See* Energy
- Preliminary assessments, 150–151
- Prepurchase evaluation, 222–223, 227
- Price lining, 208
- Pricing
 - competitive action, 203–205
 - corporate mission and, 205–206
 - customer demand, 198–202
 - internal constraints, 198
 - legal constraints, 202–203
 - planning process, 197
 - strategies, 206–207
- Private label products, 187, 198
- Process innovation, 154–158

- Process management standards, 154
- Process needs, 149
- Process performance evaluation, 154
- Procter and Gamble (P&G), 13, 23, 153, 170, 171, 205, 207
- Production blocking, 148
- Production processes, 13
- Products
 - competitive advantage, 151–152
 - development, 152
 - failures, 146–147
 - innovation, 146–154
 - placement, 129–130
 - sustainable, 183–187
- Product Stewardship Institute (PSI), 201
- Prologis, 169
- Promotional mix, 116–117
- Promotional strategy, 119
- Promotions, 116–118. *See also* Advertising
- Provisional services, 54
- PSI (Product Stewardship Institute), 201
- Psychographic segmentation, 98
- Public relations, 116
- Public stakeholders, 27
- Purchase stage, 223
- PVC (polyvinyl chloride), 301–302

- Radio frequency identification (RFID), 170–171
- Ray, Paul, 99–100
- R&D. *See* Innovation
- Reagan, Ronald, 262
- Rechargeable batteries, 12
- Reclamation, 189–192
- Recycled materials, 228, 232–235, 287–288, 292–293
- Reduce, reuse, or recycle, 83–85, 232–235, 286, 288, 291–292
- Refrigeration equipment, 246
- Regional Greenhouse Gas Initiative, 63
- Registration, Evaluation, Authorization and Restriction of Chemical Substances (REACH), 191
- Regulatory services, 54
- Renewable energy, 64–70
- Renewable Energy Policy Network, 66–67
- Repurchase decisions, 224–228
- Restriction of Hazardous Substances (RoHS), 190–192

- Retailing
 - food, 245–246
 - nonfood, 243–245
 - product lines, 183–187
 - supply cycles and, 180–183
 - sustainable consumption, 187–192
- Return on investment, 205
- Reuse, 83–85, 232–235, 286, 288, 292
- Reverse logistics, 168–169, 192
- Reverse marketing, 102
- RFID (radio frequency identification), 170–171
- Ride share, 269
- Risk management, 167
- Rockwell, James (Figure 4-6), 71
- Rogers, Dale S., 7
- RoHS (Restriction of Hazardous Substances), 190
- Roper Starch Worldwide, 98–99, 102, 104
- Rothbury Music Festival, 114–116, 134
- Ruijs, Freya, 99
- Routing and tracking computer systems, 170
- Russia, 283

- Sachinidis, Gregorios, 264
- Sainsbury, 169
- Sales promotion, 116
- Sam's Club, 167
- San Francisco, 188, 202
- Sauer, Amanda (Figure 4-7), 71
- Scientific community, 27
- Sea level changes, 37
- Seattle, 188
- Segmentation, 95–103
- Segway, 106
- SEI (Sustainable Endowments Institute), 248
- Selective demarketing, 140
- Self-declarations, 137
- Self-expressive benefits, 107
- Semenik, Richard J., 119
- Service sector
 - educational institutions, 248–250
 - energy use, 241–244
 - food retailing, 245–246
 - health care, 250–252
 - hotels and lodging, 252–253
 - nonfood retailing, 243–245
 - offices and buildings, 246–248
- Seventh Generation, 207
- Shaded green strategy, 105, 204

- Shell Oil, 6, 306, 310, 312
- SHGC (solar heat gain coefficient), 218
- Should meet requirements, 147
- Siemens, 118, 120, 135, 258–259
- Skimming pricing, 207
- Slice of life appeal, 128–129
- Smart Growth Network, 80
- Social labels, 135
- Social marketing, 5
- Social value, 311–313
- Soda ash, 290
- Sodium hydroxide, 290
- Soil erosion, 53
- Solar heat gain coefficient (SHGC), 218
- Solar power, 68–69
- Solar water heaters, 68–69
- Solid waste, 83, 234
- Solo, 189
- South Africa, 73
- South African Development Community (SADC), 78
- South Mississippi Electric Power Association, 108
- Southwest Airlines, 271
- Space heating, 216–219, 231
- Sprawl, 182
- Sprouts, 98
- Stage-gate process, 146–147, 151–152
- Stakeholders, 26–27, 167–168. *See also* Sustainability reporting
- Standard Chartered, 27
- Standards, 154
- Staples, 6, 134, 190, 207
- Starbucks, 100, 106, 130–131, 162–163, 203, 207, 312
- Status quo price, 207
- Steam cracking, 289
- Steel production, 282–287
- Steiner, Rudolph, 136
- Stella McCartney, 215
- STI (Sustainable Travel International), 196–197, 206
- Stockholders/owners, 27
- Stonyfield Farms, 136, 204
- STP marketing, 95, 107–109
- Strategic fit, 152
- Strategic planning
 - environmental interactions, 25–26
 - mission statement, 22–23
 - objectives, strategy and marketing tactics, 24–25
 - process, 19–22, 94
 - stakeholders and, 26–27

- Subaru, 133
- Sugar Cane Paper Company, 189
- Sun Microsystems, 304
- Suppliers, 26
- Supply chain, 13
- Supply Chain Operations Reference (SCOR) model, 154
- Supply cycles, 164–168, 180–183
- Supporting services, 54
- Sustainability. *See also* Sustainability reporting
 - in the chemical industry, 291
 - in the concrete industry, 288
 - defined, 7
 - examples, 7–8
 - in the mission statement, 23–24
 - paper and pulp industry, 292–293
 - in the product line, 183–187
 - scorecard, 166
 - in the steel industry, 286–287
 - supply cycles and, 164–166
- Sustainability reporting
 - benefits of, 304–306
 - economic value, 308–309
 - environmental value, 309–311
 - overview, 306–308
 - purposes of, 302–304
 - social value, 311–313
- Sustainable competitive advantage, 200
- Sustainable Endowments Institute (SEI), 248
- Sustainable Travel International (STI), 196–197, 206
- Sweden, 73, 140
- Sweepstakes, 115, 116

- Target marketing, 95, 102–106
- Target stores, 215, 244
- Technical feasibility, 152
- Technology, 169–170
- Terrapass, 9
- Tesla, 104, 199
- Test marketing, 152
- Texas, 3
- Theory (fashion), 215
- Theory of inventive problem solving, 155, 156
- Third-party suppliers, 172–173
- 3M, 145–146
- Timberland, 19–20, 24–25, 206, 309
- Timing of consumption, 229–230
- Toms, 131
- Toyota, 21, 105, 132, 184, 201
- Trader Joe's, 107, 186
- Transparency, 303

- Transportation
 - energy consumption, 260–261
 - energy policies, 70–72
 - freight, 275–276
 - high-speed rail, 258–260
 - mass transit, 269–275
 - personal, 261–269
- Treesforfree.org, 118
- Trees for the Future, 134
- Triple bottom line, 7, 151–152, 164, 166
- True blues, 98, 104, 196

- U-factor, 218
- Ukraine, 283
- Unconcerned group, 101
- Underwriters Laboratories, 227
- Unexpected occurrences, 149
- Uniform Product Code, 171
- Unilever, 309
- Union Carbide, 26–27, 290
- United Nations, 6–7, 227, 304
- United Nations Convention on the Law of the Sea, 79
- United Nations Economic Commission for Europe (UNECE), 75
- United Parcel Service, 100, 311
- United States, 40, 64, 216
- United States Climate Action Partnership, 307
- Universal product code (UPC), 180
- Unwanted Appliances, 233–234
- UPC (universal product code), 180
- UPS, 170
- Urban expansion, 52
- Urban sprawl, 182
- Usage cost, 200
- USDA (Department of Agriculture), 135–136
- User positioning, 108
- U.S. Post Office, 229

- Value
 - communication of (*See* Communication of value)
 - economic reporting, 308–309
 - environmental reporting, 309–311
 - equation, 199
 - market analysis and, 94–96
 - market positioning, 106–110
 - market segmentation and, 96–103
 - social reporting, 311–313
 - sustainability and, 29
 - target marketing and, 103–106
- Value added statement, 308

- Value-based pricing, 207
- Value proposition, 108–109, 120, 151–152, 200–202
- Variable costs, 198
- Vendors, 148
- Verification, 139
- Versace, 215
- Vestfrost, 246
- Volkswagen, 134, 265

- Walmart
 - organic products, 186
 - private label products, 198
 - product innovation and, 149
 - renewable energy, 244
 - reverse logistics, 169
 - RFID, 171–172
 - supply cycles, 180–181
 - sustainability scorecard, 166, 183–184
 - Vendor Sustainability Criteria, 102–103
- Waste Electrical and Electronic Equipment Directive (WEEE), 190
- Waste Management, 119
- Water conservation, 140–141, 231
- Water heating, 220–221, 229, 231
- Water pollution, 48–52, 77–80, 182–183
- WedVert, 93–94
- WEEE (Waste Electrical and Electronic Equipment Directive), 190
- Westinghouse, 12
- Wetlands International, 310
- Wever, Renee, 99
- WHO (World Health Organization), 78–79
- Whole-building concept, 217
- Whole Foods, 100, 108, 186, 187
- Wind power, 3–4, 68
- Winston, Andrew S., 227
- Woolshire Carpet, 108–109
- Word-of-mouth communication, 226
- Word-of-mouth communication, 225
- Working conditions, 166
- World Health Organization (WHO), 78–79
- World Resources Institute, 307
- World Wildlife Federation (WWF), 126, 128–129
- Xerox, 83