

INDEX

- Acquisition of actuarial licenses, 48
- Action plans, 67–70
- Activity, 129
- Adjustment level, 98
- Affiliation, 128
- Affordable and clean energy, 168–169
- ALA Pasco, 33
- Alcoa, 173
- Alignment of interests, 105
- Alternative dispute resolution (ADR), 42
- Appreciation, 128
- Atlas Map, 153
- Authority, 128–129
- Autonomy, 128
- Baku–Tbilisi–Ceyhan pipeline (BTC pipeline), 107–110
 - benevolent concern, 108
 - capacity, 108
 - communication level, 109–110
 - participation, 109
 - predictability and integrity, 109
 - relative power, 110
 - reputational concern, 109
 - security, 108–109
 - stakeholders engagement, 110
 - transparency, 108
- Barrick, 180
- Benevolent concern, 100, 108
- Biodiversity offsets, 183–184
- Business thinking about social management, 39
- C.U.R.E Project, 188
- Cajamarca province, 171–172
- Capability, 103–104
- Capacity, 108
- Caspian Development Advisory Group (CDAP), 109
- Catchment, 45–46
- Cerro de Pasco Mining Company, 32–33
 - study questions, 33
- Chevron Nigeria Limited (CNL), 27–30
 - adoption stage, 29–30
 - crisis stage, 28
 - development stage, 29
 - dialogue stage, 28–29
 - emerging stage, 28
 - latent stage, 27–28
- Clean water and sanitation, 166–168
- Climate action, 179–181
 - aligning company strategies, 180–181
 - climate change resilience, 181
 - corporate policy, 179–180
 - reducing, measuring, and reporting emissions, 180
- Climate change resilience, 181
- Co-ownership of process, 49
- CODELCO company, 163–164
- Cognitive justifications, 97
- Cognitive legitimacy. *See also* Pragmatic legitimacy, 103–104

- capability, 103–104
- independent technical support, 103
- Collaborative SLO, 81
- Columbia Center on Sustainable Investment (CCSI), 153
- Communication level, 105, 109–110
- Community/communities, 185
 - agreements, 170–171
 - development, 4–5
 - internal influence of community relations staff, 39–40
 - strategy in social conflict, 22
- Community–business cooperation relationship, 125–127
- Community–business interdependence relationship, 124–125
- Community–company, 123
 - community–company control and avoidance relationship, 124–125, 134, 137
 - community–company cooperation relation, 134–137
- Company/companies, 118, 185
 - company–government, 122
 - strategy in social conflict, 22–24
 - top-down approach, 76–78, 80
- Company–community relation
 - case study, 88–90
 - company–community perception of worldview, 75–76
 - multistakeholder partnerships, 80–87
 - paternalist model, in-house strategy, and company’s top-down approach, 76–80
- Compliance Advisor Ombudsman (CAO), 148
- Consensus-based approach, 100–101
- Contextual factors, 97
- Control and avoidance relationship, 124
- Cooperative relationship, 124
- Corporate community foundation models, 76
- Corporate policy, 179–180
- Corporate social responsibility (CSR), 44, 102
- Corporate structures and hierarchy, 40–41
- Crisis, 21
- Cultural heritage management plans, 175–176
- Decision-making
 - adjustment level, 98
 - factors, 97, 99
 - processes, 83
 - relative power, 98–99
 - risk tolerance, 98
- Democratic societies, 20
- Development table, 86
- Dialogue table, 85–86
- Distributive negotiation, 125
- Distributive tactics, 124
- Due diligence, 186
- Early Warning System (SAT), 140–141
- Ebola, 160
- Economic growth with local procurement and supplier development strategies, 169–170
- Ecosystem services, 184
- Efficient negotiation management, 126
- Emerging infectious diseases (EIDs), 160
- Emission of toxic substances, 162
- Emissions, reducing, measuring, and reporting, 180
- Emotional concerns of interaction, 141–144
- Emotional interaction in extractive game, 128–129

- Employment, 48
- Energy efficiency, 168–169
- Environment, 44–45
- Environmental Impact Assessment (EIA), 122, 135
- Equal opportunities for women, 164–165
- External audit, 37
 - case study, 50
 - external factors, 38
 - internal factors, 38
 - nature, 37–39
 - process of performing, 38–39
- External factors, 44–49
 - co-ownership of process, 49
 - employment, 48
 - environment, 44–45
 - human rights and culture, 47
 - land, 46
 - legal license to operate, 48
 - partnership, 48–49
 - social, 44
 - sphere of influence, 49
 - water, 45–46
- Extractive game triangle model, 117–118
 - actors of central triangle, 117, 119, 121
 - case study, 130–148
 - company and local community, 124–128
 - emotional concerns of
 - interaction, 128–129
 - stakeholders, 121–123
 - triangles of interaction, 119–121
- Extractive industry, social conflict in, 19–20
- Formal processes, 42
- Free, Prior, and Informed Consent (FPIC), 186
- Gender equality, 164–166
- Gender-sensitive work environments, 165
- General Memorandum of Understanding (GMoU), 85
- Geological, Mining and Metallurgical Institute (INGEMMET), 33
- Glencore, 158, 183
- Gold Fields, 169, 175–176
- Governments, 118
 - government–community, 122–123
- Graduate programs into recruitment strategies, 164
- Hak ulayat, 156
- High-density polyethylene (HDPE), 176–177
- Hiring, 41
- Human immunodeficiency virus/acquired immunodeficiency syndrome (HIV/AIDS), 159
 - among employees, 161
- Human rights
 - and culture, 47
 - impact assessments, 185–186
- Impact and Benefit Agreements (IBAs), 85–87
- Impact-benefit, 170–171
- In-house strategy, 76–80
- Inclusive employment, 155
- Inclusiveness of direct employment, 170
- Independent technical support, 103
- Indigenous peoples, 186
- Industry, 171–172
- Infection prevention and control (IPC), 160
- Infectious diseases, anticipating, mitigating, and monitoring for, 160–161
- Infrastructure, 171–172
- Innovation, 171–172
- Input legitimacy, 84–85
- Institutions, 184–186
- Integrity, 105, 109

- Interdependence relationship, 134–137
- Interest-based negotiation, 125, 128, 137, 141
- Internal audit, 37
 - case study, 50
 - external factors, 38
 - internal factors, 38
 - nature, 37–39
 - process of performing, 38–39
- Internal factors
 - business thinking about social management, 39
 - corporate structures and hierarchy, 40–41
 - formal processes, 42
 - internal influence of community relations staff, 39–40
 - labor, 43
 - legal function, 42–43
 - staff attitudes, 41
- International Council on Mining and Minerals (ICMM), 123, 154
- International Finance Corporation (IFC), 108, 148
- International Union for Conservation of Nature (IUCN), 188
- Joint fact-finding process, 126–127
- Joint-Fact Finding (JFF), 146–147
- Justice, 184–186
- JX Nippon Mining & Metals, 165–166
- Kindness, 100
- Labor, 43
- Land, 46
 - access, 156
- Latent conflict, 20–21
- Leadership, 104
- Legal function, 42–43
- Legal license to operate, 48
- Legitimacy, 95–96
 - case study, 107–110
 - model, 97–105
 - strategies, 106–107
- Livelihood restoration, 156
- Local communities, 75–76, 118–119
- Local procurement, 155–156, 171–172
- Los Andes de Cajamarca Association (ALAC), 168
- Manifest conflict, 21
- Marine impacts, 182
- Marine resources, social impacts and relationships to, 182
- Mediation, 102–103
- Memorandum of understanding (MoU), 85
- Mental health, 161–162
- Meta model of social conflict analysis, 24–25
- Mine skills baseline and assessment, life of, 163
- Minera San Cristobal S.A (MSC), 157
- Mineral processing, 45
- Mining, 154, 156, 171–172
 - activities, 172–173
 - anticipating and preventing risk of conflict, 173–174
 - and life below water, 181–182
 - and life on land, 182–184
 - and reduced inequalities, 172–174
 - waste, 176–177
- Mitsubishi materials, 168–169, 176, 179
- MMG company, 160, 177–178, 181
- Moral justifications, 97
- Moral legitimacy. *See also* Cognitive legitimacy, 100–103
 - benevolent concern, 100

- consensus-based approach, 100–101
- mediation, 102–103
- participation, 103
- security, 100
- similarities, 101–102
- transparency, 102
- Multilateral Investment Guarantee Agency (MIGA), 148
- Multistakeholder partnerships. *See also* Partnership(s), 80, 82, 87
 - examples of multistakeholders models, 85–87
 - input legitimacy, 84–85
 - output legitimacy, 84–85
 - throughput legitimacy, 84–85
- NANA Regional Corporation, 89
- National Office for Dialogue and Sustainability (ONDS), 139–140
- National procurement, 155–156
- National Water Authority (ANA), 140–141, 144
- Negotiation approach, 125, 128, 137, 141
- Newcrest, 175
- Newcrest Diversity and Inclusion Strategy, 170
- Newcrest Mining Limited, 165
- Newmont, 164, 170, 183–184, 188
- Noncommunicable disease (NCD), 159–160
- Nongovernmental organizations (NGOs), 76, 101–102, 167–168
- Norms, 99
- Norsk Hydro ASA, 155
- Occupational health and safety, 159
- Ok Tedi Mine, Papua New Guinea, 30–31
 - study questions, 31
- Operational activities, 174
- Orano, 172
- Organizations, 87, 176, 179
- Output legitimacy, 84–85
- Participation, 103, 109
- Participation, process, partnership, and permanent change (4Ps), 4–7
- Participatory environmental monitoring and surveillance committees (PEMSCs), 86–87
- Partnership(s), 48–49
 - for goals, 187–188
 - networks, 81
 - transferring innovative and environmentally sound technologies, 187–188
 - transparently mobilizing resources, 187
- Paternalist model, 76–80
- Peace, 184–186
- Peace Bonus, 29
- Personal protective equipment (PPE), 165
- Planning land use for life of mine, 175
- Polarization, 20–21
- Pollution prevention, 162
- Polyus, 161, 184
- Position-based negotiation, 125, 128, 137, 141
- Poverty eradication, 154–156
- Pragmatic legitimacy. *See also* Cognitive legitimacy, 97, 99
 - norms, 99
 - stakeholder engagement, 99
- Predictability, 105, 109
- Private companies, 118
- Quality education, 162–164
- Racks, 102–103
- Rancas, 33
- Red Dog Mine in Alaska, 88–90
- Reforestation, 184

- Regional Development Councils (RDCs), 29
- Regional procurement, 155–156
- Relative power, 98–99, 110
- Renewable energy, 169
- Reputational capital, 9–10
- Reputational concern, 104, 109
- Responsible consumption and production, 177–179
 - extraction, 178–179
 - implementing environmentally sound management of chemicals and all wastes, 178
 - minimizing mine inputs and waste, 177–178
 - responsible sourcing, 179
- Rights of women, 166
- Río Locumba Consortium (CRL), 140–141
- Rio Tinto, 181
- Risk tolerance, 98
- Royalties, 154
- Sacra Familia, 33
- Security, 100
- Security, 108–109
- Settlement, 156
- Shared infrastructure solutions, 172
- Shared value creation, 2–3
 - strategic management of, 11–13
- Sibanye-Stillwater, 182
- Similarities, 101–102
- Situational factors, 104–105
 - alignment of interests, 105
 - communication level, 105
 - leadership, 104
 - predictability and integrity, 105
 - reputational concern, 104
- Skill development, 155, 171–172
- Skills-based trust, 96–97
- Social conflict
 - action plans, 67–70
 - cases, 27–33
 - in extractive industry, 19–20
 - framework, 24–27
 - stages, 20–22
 - strategies in, 22–24
- Social conflict diagnostic tool (SCDT), 49–51, 66, 68
- Social identity theory, 101–102
- Social investments, 48–49
- Social license to operate (SLO), 2–4, 7, 20, 95
 - compliance, 8
 - earned, 7–8
 - extractive projects, 1–2
 - features, 7–11
 - as forum for negotiation, 8
 - gaining trust, 9
 - intangible, 9
 - as meeting social expectations, 8
 - one-size-fits-all program, 10
 - outcomes, 10
 - preventing costs, 11
 - programs, 75–76
 - relationships, 9
 - reputational capital, 9–10
 - shared value creation, 2–3
 - specific site, 11
- Social license withdrawal, 21–22
- Social management, business thinking about, 39
- Social resistance in mining industry, 20
- Social responsibility, 77
 - into company's governance, systems, and procedures, 88
 - guidance on integrating social responsibility throughout extractive company, 87–88
 - setting direction of organization for, 87–88
- Social time, 40
- South32, 170
- Southern Peru Copper Corporation
 - Toquepala Processing Plant Expansion Project in Tacna, Peru, 130–131

- actors of central triangle, 131–132
- emotional concerns of interaction, 141–144
- interaction triangles, 132–134
- interdependence relation, 134–137
- negotiation, 137–141
- recommendations, 148
- trust and generate value, 144–147
- Sphere of influence, 49
- Staff attitudes, 41
- Stakeholders
 - community–company, 123
 - company–government, 122
 - engagement, 99, 110
 - extractive game triangle model, 121–123
 - government–community, 122–123
- Strategic management of shared value creation, 11–13
- SLO, 11–13
- Surface mining, 45
- Sustainable cities and communities, 174–177
- Sustainable Development Goals (SDGs), 81, 151, 153
 - framework, 153–188
 - SDG1, 154–156
 - SDG11, 174–177
 - SDG12, 177–179
 - SDG13, 179–181
 - SDG14, 181–182
 - SDG15, 182–184
 - SDG16, 184–186
 - SDG17, 187–188
 - SDG2, 156–158
 - SDG3, 159–162
 - SDG4, 162–164
 - SDG5, 162–164
 - SDG6, 166–168
 - SDG7, 168–169
 - SDG8, 169–171
 - SDG9, 171–172
 - SDG10, 172–174
- Taxes, 154
- Technical scholarships, 164
- Technical time, 40
- Teck company, 163, 167, 173–174
- Throughput legitimacy, 84–85
- Training, 41
- Transparency, 102, 108
 - in water management, 157
- Trust, 9, 95–97
 - case study, 107–110
 - model, 97–105
 - strategies, 106–107
- Trustees, 96–97, 105
- Tuberculosis among employees, 161
- UN Sustainable Development Solutions Network (SDSN), 153
- United Nations Development Programme (UNDP), 153
- Urban development, anticipating and mitigating negative impacts of, 176
- Vale company, 161, 167, 178
- War, 21
- Wastewater Treatment Plants (WWTP), 140–141
- Water, 45–46
 - basin, 45–46
 - conserving and recycling, 167
 - quality and reporting on water use, 167
 - social, cultural, and technical aspects, 167–168
- Water Balance Committee, 142–143
- WET Project, 188
- Win–lose strategies, 135
- Workforce education, training, and technical programs, 163–164

- World Health Organization (WHO), 161
- World Heritage, 175–176
- Yurajhuanca, 33
- Zero hunger, 156–158
 - farmland and livestock free from contamination and dust, 158
 - finding synergies, 157
 - infrastructure with shared benefits to agriculture, 158
 - transparency in water management, 157
- Zero-sum negotiation, 125