Index

1.5°C target, 18, 48, 119, 139, 144, 170, 201 21st Conference of Parties See Paris Agreement aviation, 50, 55, 67, 76, 83, 84 bifurcation, 131, 134, 208 biodiversity loss, 4, 18, 47, 49, 85, 192 biofuel blending, 64, 68 Boden, 150, 151 Botkyrka, 149, 152 bottom-up initiatives, 6, 19, 23, 65, 68, 120, 140, 154, 204, 205, 206, 208, 210 Brexit, 90 burden sharing, 33 businesses See non-state actors carbon capture and storage, 67, 153 bioenergy with carbon capture and storage, 45, 67, 147.153 carbon dioxide removal, 46, 74, 144, 145, 146, 153, 155, 156 carbon lock-ins, 3, 20, 63, 175, 176, 178 behavioral lock-ins, 90 institutional lock-ins, 85-88 technological lock-ins, 88-90 carbon neutrality, 11, 20, 45, 47, 48, 69, 90, 145, 151, 157, 203, 211 Carbon Pricing Leadership Coalition, 53 carbon sinks, 11 carbon tax, 9, 43, 65, 69, 70, 80, 81, 87, 90, 92, 202 China, 5, 42, 44, 47, 56 circular economy, 18, 25, 27, 47, 69, 72, 80, 81, 87, 89.92 circularity See circular economy cities See sub-state actors citizens, 34, 58, 82 city networks, 120-125, 126-128 civil society See non-state actors Climate and Clean Air Coalition to Reduce Short-Lived Climate Pollutants, 54 Climate Change Performance Index, 203 climate collaboration, international, 52

climate crisis See crises climate diplomacy, 1, 5, 7, 24, 27 climate goals See climate targets climate investments, 78 climate justice See justice Climate Leap, 78, 122, 140, 156, 207 climate legislation See climate policies climate litigation, 29, 30 climate networks, 96, 97, 98, 99, 102-104, 107, 111, 112, 114, 116, 127, 186, 187, 193 climate neutrality See carbon neutrality climate policies, 23, 25, 27, 46, 51, 67, 69, 79, 91, 92, 195, 210 climate policy ambition, 71, 171, 213 climate policy integration, 87 green industrial policies, 25, 71 policy integration, 87, 203, 215 climate science, 6, 58, 75, 90, 189, 191, 196 climate targets, 33, 46, 52, 59, 64, 67, 196 Coalition of Finance Ministers for Climate Action, 53 collaborative climate governance See governance collaborative governance See governance collective action, 6, 24, 27, 28, 30, 31, 34.214 communication, 114, 188, 190, 191, 193 competitiveness, 14, 48, 54, 76, 80, 81, 92, 102, 113, 161.202 confrontation, 3, 26, 100, 205, 213, See also contestation consensus, 2, 3, 5, 7, 25, 82, 90, 142, 184, 203 consumption behavior See lifestyle consumption-based emissions See greenhouse gas emissions contestation, 20, 29-30, 176, 214 coordination, 8, 68, 85, 86, 184 Copenhagen Accord, 5, 49 Covenant of Mayors, 100, 112, 124 COVID-19 pandemic, See crises crises, 32, 184-185, 214 climate crisis, 2, 7, 14, 22, 23, 27, 30, 31, 32, 184, 185, 196, 201, 202, 209, 210

crises (cont.) COVID-19 pandemic, 4, 23, 31, 44, 58, 63, 182-183, 184, 185, 186, 187, 190, 192, 193-196, 214 oil crises, 42, 43, 58, 59, 72, 197, 204, 206, 207, 215 resilience, 194, 197 cross-sectoral issues, 28, 72, 76, 82, 85, 86 decarbonization, 2, 4, 8, 9, 10, 11, 18, 19, 22, 96, 97, 104, 113, 116, 176, 186, 196, 202, 204, 205 decarbonized society, 29 delegation, 28, 72, 81, 92, 140 democracy, 20, 30, 32, 34, 113, 161, 173, 185, 211 climate policy councils, 24 democratic values, 32 democratization, 32, 121 Education, 89 effectiveness, 20, 31-32, 97, 98, 99, 103, 111, 115.116 Ekokommunerna, 12 electric vehicles, 78 charging infrastructure, 79 electricity generation, 65, 72 electricity grid, 79, 88 Energy Cities, 100, 124, 125, 128 energy system, 21, 35, 88, 197 energy taxes, 80 environmental permit processes, 87 environmental politics, 3, 24 Eurocities, 124 European Union, 46-47, 100, 197 Carbon Border Adjustment Mechanism, 46 Climate Law, 7, 25, 46, 47, 211 Effort Sharing Regulation, 51, 63 Emissions Trading Scheme, 48, 50, 67 EU climate policy, 49-51 EU taxonomy, 49 European European Green Deal, 7 European Green Deal, 18, 25, 46, 47, 71, 211 Fit for 55, 7, 46, 59, 88, 211 Sweden's role in the EU, 47-49 Extinction Rebellion, 101, 113, 205 forestry, 49, 54, 59, 72, 76, 77, 80, 81, 85, 87, 205 Fossil Free Sweden, 3, 12, 64, 97, 102, 110, 112, 119, 123, 183, 187, 190, 194, 195, 205 fossil fuels, 11, 21 fossil fuel subsidies, 9, 23, 79, 90 France, 143 Fridays for Future, 3, 12, 30, 64, 101, 110, 183, 184, 189, 191, 196, 205 Gällivare, 127 Gävle, 153 geo-engineering, 69 Germany, 42, 184, 191, 192, 211 global climate footprint, 54, 57, 84

global climate politics, 5, 29, 41 global collective action See collective action global role model, 58 Global South, 56, 59, 211 Götaland, 127 governance, 107 climate governance, 20 collaborative climate governance, 2, 8, 10, 24, 26, 96, 105, 113, 115, 202, 203, 207-210, 212, 215, See governance collaborative governance, 2, 4, 8, 25, 86, 202, 204, 211, See governance governance challenge, 63 multi-level governance, xi, 4, 24, 25, 206, 212 polycentric governance, 19, 132, 212, 214 governance relations, 12, 26, 202, 206 agenda setting, 12, 26, 29, 202, 205, 206 contestation, 12, 202 lobbying, 12, 26, 28-29, 202, 205 orchestration, 12, 19, 25, 27-28, 115 regulation, 12, 25, 26-27, 204, 215 steering, 24, 64, 68, 120, 205 green deal See European Union green growth, 69, 80 green industrialization, 18, 69 green recovery, 32, 68, 90, 187, 196 green transition See transition greenhouse gas emissions, 11, 19, 54, 68, 120 consumption-based emissions, 56, 69, 72, 84, 156.157 emissions gap, 24, 97, 114 municipal emissions, 129-130, 133 residual emissions, 146, 153, 154 Greta Thunberg, 3, 64, 105, 184, 192 Haga Initiative, 12, 97, 101, 110, 112, 183, 187, 190, 194, 195 Haninge, 150 Haparanda, 152 Härnösand, 150, 151, 153 heating, 43, 44, 68, 72, 76, 78 Helsingborg, 153, 154 Hudiksvall, 147, 153 hybrid multilateralism, 6, 19, 203, 211 HYBRIT, 55, 78 hydrogen, 55, 72, 78, 79, 89 ideology, 35, 215 impact assessment, 86, 87, 88, 141 implementation, 23, 69, 155, 202, 203 India, 44, 211 institutional reform, 69, 72, 85, 91, 92 institutionalization, 195, 212, 213 institutions, 75 Intergovernmental Panel on Climate Change, 1, 18, 47, 144, 146, 151, 201 intermediaries, 27 international organizations, 27

220

just transition See transition justice, 20, 33-34 climate justice, 9, 30, 164 distributive justice, 133, 163, 164, 173 ecological justice, 175-176, 177 injustice, 33, 163, 166, 170, 175 procedural justice, 133, 164, 173-174 recognition justice, 164, 174, 177 Kiruna, 127 Klimatkommunerna, 12, 97, 101, 122 KlimatSverige, 205 Köping, 150 Kungsbacka, 149, 152 Kyoto Protocol, 5, 49, 67, 151 land use, land use change and forestry, 49, 59, 67 Leadership Group for Industry Transition, 53, 77 legitimacy, 9, 20, 28, 32-33, 212 democratic legitimacy, 28, 82, 204 public legitimacy, 20, 30, 71, 82, 210, 214 lifestyle, 23, 69, 71, 90, 203, 212, 215 Lima-Paris Action Agenda, 6 litigations See climate litigation lobbying See governance relations local authorities See state Local Governments for Sustainability ICLEI, 122 Luleå, 127, 152 Lund, 152 Lysekil, 127, 162, 184, 206 Malmö, 127 market instruments, 80 markets, 21 multilevel governance See governance multi-stakeholder partnership, 28 multi-stakeholder platform, 193 municipalities, 29. See sub-state actors municipal climate action, 133, 134 narrative analysis, 162, 163, 165-167, 176 narratives, 165 national government See state negative emission technologies, 11, 140 net-zero emissions target, 20, 63, 67, 139, 143-144, 152, 154, 155, 157, 176 non-state actors, 1, 2, 6, 8, 18, 97, 114, 202, 204 businesses, 1, 19, 96, 105 civil society, 1, 19, 105, 195 social movements, 12, 29, 30, 164, 165, 191, 193.194 universities, 82 Nordic countries, 65, 211 Nynäshamn, 152 orchestration, See governance relations

Örebro, 149, 153, 154

Japan, 44

pandemic. See crises Paris Agreement, 1, 6, 24, 119, 139, 144, 161, 201.206 Nationally Determined Contributions, 6, 18, 133, 201 planetary boundaries, 10, 21 policies See climate policies political authority, 68 polycentric governance See governance populism, 23, 34, 71, 82, 91, 210 power, 2, 5, 20, 21, 48, 68, 71, 75, 92, 152, 191 Preemraff, 165, 166, 167, 168-170, 171, 172, 173, 174, 175, 177 protest, 3, 12, 14, 23, 29, 168, 170, 184, 187, 189, 205 public acceptance, 33, 90, 161 public agencies, 85 public attitudes, 82 public goods, 2, 24, 27, 28, 90 public procurement, 88, 89, 120 railroads, 89 recovery See green recovery regulatory instruments, 72, 83 renewable energy, 21, 48, 58, 69, 79, 80, 85, 121, 215 biogas, 78 hydropower, 43, 58, 59, 205 solar power, 59 wind power, 22, 79, 80, 88, 92 resource efficiency, 47, 89 roadblocks, 23, 35, 92, 214 Saami communities, 88 Science based target, 113 Science Based Target Initiative, 101 self-regulation, 69, 205 sense of place, 162 shipping, 50, 84, 162, 168, 170, 175 Skåne, 152 Skövde, 150 social movements See non-state actors societal transformations See transformation Södertälje, 152 Sollentuna, 152, 154, 156 stakeholders, 90, 131, See non-state actors state, 2, 8, 9, 18, 63, 98, 105, 114, 202 local authorities, 12, 120, 144, 154, 157 national government, 5, 6, 28, 76, 121, 122, 139, 140, 141, 156, 157, 168 public agencies, 25, 58, 79, 91, 191 public authorities, 191, 194 state-led transformation, 68 Stockholm, 127, 148, 153, 154 subsidy schemes, 157 sub-state actors, 1, 3, 8, 10, 19, 123, 134, 135, 156 cities, 120-122, 154 municipalities, 1, 120-122, 126 sustainability reporting, 81, 83, 89 sustainability transformation See transformation

221

sustainable development 2030 Agenda for Sustainable Development, 10, 18.47 Sustainable Development Goals, 18, 83 Svealand, 127 Sweden, 3, 8, 19, 97, 114, 211, 213 Clean Energy Ministerial, 53 Climate Act, 3, 75, 202 Climate Policy Action Plan, 75 Climate Policy Framework, 3, 63, 65 Electrification Commission, 79 emission trends, 42-43 Environmental Objectives Committee, 75 National Association of Swedish Ecomunicipalities, 101, 124, 125 Swedish Agency for Public Management, 85 Swedish Climate Policy Council, 3, 46, 67, 140, 196, 202 Swedish Energy Agency, 78, 79 Swedish Environmental Code, 88 Swedish Environmental Protection Agency, 64 Swedish National Debt Office, 81 Swedish Parliament, 67 The Union of Baltic Cities, 124 top-down policymaking, 65, 68, 133, 140, 156, 204, 205, 206 transformation, 10, 20, 65, 115, 116, 130, 156, 203.204 behavioral transformation, 82-85, 215 economic transformation, 80-81 industrial transformation, 72 institutional transformation, 75-77, 215

technological transformation, 77-80 transformation pathways, 71 transition, 10, 20, 115 green transition, 49, 88, 89 industrial transition, 211 just transition, 9, 133, 161, 163-165, 167, 172, 176, 177, 178 transport emissions, 45-46 Ukraine, 4, 18, 23, 31, 49, 63, 80, 197, 214 Umeå, 151 United Kingdom, 143, 182, 184, 185, 211, 213 United Nations Climate Action Summit, 139 United Nations Conference on the Human Environment 3 United Nations Environment Program, 19 United Nations Framework Convention on Climate Change, 1, 5, 119, 156 Global Climate Action Agenda, 6, 7 Global Climate Action Portal, 6, 25, 119, 201, 205 Secretariat, 6 Uppsala, 148 USA, 5, 18, 42, 44, 47, 48, 49, 56, 90, 211 Västerås, 152 Växjö, 127, 154 voluntary climate commitments, 3, 5, 23, 26, 127, 130, 131, 133, 134, 135 welfare state, 3, 4, 7, 19, 26, 58, 63, 130, 202 window of opportunity, 182, 183, 185, 190, 194 youth, 6, 29, 34, 164, 173, 214

222