Index

Aalborg Chapter  9
Aarhus Convention  123
accountability  70–71, 75–7, 87, 196
active cooperation  294
adequacy issues  296–7
‘Administrative Mode’, Netherlands  216
administrative responsibility, Spanish strategy  150–52
advisory committees  50, 173
Advisory Council for the Environment (ACE)  131, 148, 150, 155
Advocacy Coalition Framework (ACF)  12, 334, 337, 338–9, 341
Africa  269
Agenda 21
  adherence to  271
  economic conditionality  269
  implementation  50, 255, 348
  modes of development  15
  objectives  162, 195–6, 203, 232, 240, 264–7, 351
  socio-economic impacts  18
see also Local Agenda 21
aggregation criteria, integrated policies  200–201
agriculture  306
see also Common Agricultural Policy  79
Aguilar Fernández, Susana  23, 323–4, 326, 328, 331–2, 351
Air Protection Law (1972), Spain  128
aluminium industry  222–3, 228, 230, 232, 234–41
American approach to sustainable development  55
Amsterdam Treaty (1997)  64–5, 67–8, 76, 79, 133
Anglo-American contexts  54–6
Annual Environmental Programme (VROM)  113
Association of Municipalities (VNG), Netherlands  110
Association of Provinces (IPO), Netherlands  110
Association of Water Boards (UvW), Netherlands  110
asymmetric power relationships  251–2, 258
Australia  51
Austria  264
automobiles  229, 237–8, 239, 240–41
Aznar, José María  132, 145
Barcelona Summit (2002)  65, 121, 123, 132
bargaining alliances  118, 129, 136
Basque nationalists  147
benchmark covenants  306
Berlin School  101
Berntsen, Thorbjørn  328
best practice  86, 255, 270–71, 275
bilateral
  coercion  248, 264
  imposition  270–71
biodiversity assets, protection of  129
Bonn Summit (2001)  83
bottom-up
  analysts  48–9
  tradition  296
Bressers, Hans T.A.  25–6, 331
broad participation  143–5
Brundtland Commission  20, 33, 264, 324
Brundtland Report see Our Common Future
Brussels Summit (2003)  120
Bush, George W.  83
business groups
  lobbying  75–6
Sweden  104–5
business, role in sustainable development 182, 221–3, 240–41
achieving co-efficiency 225–8
compensation for ‘above normal’ demands 300–302
corporate environment strategies 230–32
need for decoupling 228–30
Norsk Hydro 235–9
scenarios of business as usual 223–5
voluntary agreements 232–5

Canada
COMPSUS Project 212–13
institutional design 51
policy integration 208, 212–13, 215, 329, 348
Canadian Environmental Assessment Agency (CEAA) 212–13
Canadian Green Plan 264, 275
carbon dioxide (CO2) emissions 203, 222, 229, 233–5, 239
Central and Eastern Europe (CEE) 128–9, 270, 271
central authority, strategic integration 209
Changing Course 226
Chernobyl accident (1986) 262
citizen
advisory panels/juries 173–4, 187
interests 133, 143
microcosms 177, 181, 184
participation/citizenship 136–45, 162, 169–71, 172–5, 179–86
clean technology strategy 230–32
Climate Commission, Sweden 104–5, 108
Climate Convention (1992) 232, 233
coercive isomorphism 258
cognitive challenges 285
Cohen, Carl 4, 353
coherence 215
collective action problem 44
Collier, Ute 199–200
Commission on Sustainable Development (UNCSD) challenges posed by 330
as conceptual core 13, 15
implementation research 333, 336, 339
monitoring role 194–5
setting-up of 247, 266
as stages approach 8–9
status reports 255
Commissioner for the Environment and Sustainable Development (CESD), Canada 209, 212–13
commitment 326–8
Committee of Permanent Representatives (COREPER) 75
Common Agricultural Policy (CAP) 79, 208
common interest 142
communication 291–2
channels of 254–5
community participation 143, 162, 169–71, 177–86
community-centred approach 181–2, 184
challenges of 178–9
compartmentalisation 109
compensation for ‘above normal’ demands 300–302
complexity
in decision-making 174
problems of 290–91
comprehensiveness criteria, policy integration 200–201
concept and policy commitment 33–6
cross-sectional and longitudinal studies 39–40
implementation research 36–8
meta-policies 38
outside-in challenge/policies 38–9, 41–4
top-down/bottom-up distinction 40–41
conceptual core, establishment of 13–15
concessions 292
Conference of Environment Ministers (UMK), Germany 212
Conference on Environment and Development (UNCED) 15–20, 311
decoupling 216
governance issues 136
Index

leadership issues 326
objectives 354
outside-inside challenges 324
priorities of 203, 265
conflict of interests 200, 209, 297
‘consensual’ school of ethics 194
consensual steering devices 312
consensus-building processes 48, 82, 117, 156
consequentialist justification for participation 165
consistency criteria, policy integration 200–201
constituencies, types of 142–3
constructive cooperation 297
consensus-building processes 48, 82, 117, 156
contextual interaction theory (CIT) 25–6
contingency/complexity problems 290–91
core variables 291–2, 324
degree of adequate application 295–7, 313–15
discretion of implementing authorities 299–300
aspects of implementation 292–3
implementation processes 309
interaction processes 289–90
likelihood of application 293–4, 312–13
need for deductive approach 288–9
policy instruments 331
theoretical focus on policy implementation 287–8
types of interaction 294–5, 297–9
contingency, problems of 290–91
convergence 249
cooperation 294, 297
cooperative steering 80–81
coordinated responses/targets 83
coordination, open method of 86–7
core circumstances 290–91
variables 291–2, 296–7
corporate environmental strategies 230–32
corporatist states 117
cost-effectiveness 78
Council for sustainable development, Germany 212
country-tailored territorial planning schemes 129
covenants 113, 292, 305, 306–9
follow-up negotiations in 310–11
Cradle to grave strategy 230–32, 233, 236, 240
cross-community collaboration 179
cross-cutting policies 35
cross-national diffusion 248, 249, 252–4, 266, 275
cross-sectional studies 39–40
cumulative knowledge on implementation 289
customised implementation, Netherlands 113
D’Estaing, Giscard 67
Dahl, Robert 22, 353
‘Danish Bottles Case’ (1988) 76
data, use of 195
Debating Governance 343
decentralization in policy systems 49–50
decision premises 201
decision-making application of knowledge 167
reforms of 34
decoupling call for 225
challenge of 133
developed countries 163
need for 222–3, 227–30
realization of 239
use of 235
deductive implementation theory 288–9
DeLeon, Peter 8
deliberative processes, uncertain outcome of 142
deliberative microcosms 173–4
democracy 4–5, 345–6
models of 1–3
and sustainability 108–9
democratic deficit, European Union 118
democratic politics participation trap 141–5
tensions with 134–40
democratic self-binding 108
Denmark 210
Index

developing countries
  national action plans and strategies 269–73
  need for decoupling 163
development assistance 249
  conditionality in 251, 258
development policies, link to environmental objectives 84
differentiated targets 82–4
diffusion 252–7, 260–69
discretion, role of 299–300, 301
domestic policies 43, 74
  influence of international agenda 247–9
domestically formulated policy framework 195
Dow Chemicals 226
dynamic systems models 52
Earth Summit plus 5 (1997) 266
eco-audits 84
eco-cycle adaptation 96–7
eco-design of products 231
eco-effectiveness 221–3, 225–30, 231–2, 237, 239–41
eco-efficiency 221–3, 225–30, 231–2
  237, 239–41
eco-labelling 85
eco-modernization 15
eco-systems 228
ecological and political time scales 95–6
  reconciliation of 96–8
ecological component of sustainable development 193
ecological democracy 2
Ecologistas en Acción 2
seconomic competition 253–4
  conditionality 269–73, 276
discourse, Spain 132–3
Economic and Social Council (CES), Spain 147, 148
Economic Commission for Europe (UNECE) 270
economic component of sustainable development 193
economic governance 62–3, 66–8
  European Union 86, 89
  shift from 80
economic instruments, implementation of compensating business 300–302
implementation of effluent charges 302–4
  Sweden 106
economic policies, Western democracies 203
educational steering 85–7
effluent charges, implementation of 302–3
electoral absenteeism 142
elite participants 184–5
Elkem 236–7
emission quotas 154
  standards, lowering of 254
end-of-pipe solutions 228–9
waste treatment equipment 237
energy efficiency, Netherlands 111
  policies 202
taxation 85, 113, 121
  usage, European Union 120–21
Enschede, explosion at 284
entitlement justification for participation 165
environment-centred approach to policy-making 202
environmental constraints 163–4
  covenants 176–7
deficit, Spain 131–2
disasters 260–62
  efficiency 77
  indicators, European Union 87
  mediation 175–6
  privilege 207
  problems, characteristics of 164
  risks 168
  standards, weakening of 254
taxation 300
  values, diffusion of 42
watchdogs 75, 141
Environmental Action Programmes (EAPs) 64–5, 72–3,
  262–4, 265–6, 270–71, 305
environmental component of sustainable development 193
environmental decision-making, development of participation 168–70
environmental degradation 199
environmental governance
  European Union 62
need for 133–4
environmental groups
  and holistic indicators 87
  knowledge of 182
  lobbying 77, 79
problems of 178
Spain 145, 148, 151–2, 153
Sweden 104–5
  as watchdogs 141
Environmental Index (DUX), Germany 212
Environmental Management Act (EMA)
  (1993), Netherlands 110, 214
Environmental Management and
  Auditing Schemes (EMAS) 107
environmental management systems
  (EMS) 227–8
environmental objectives 201–2
Environmental Objectives Council, Sweden 107–8
environmental policy integration (EPI)
  198–202, 209–10, 214, 216
dimensions of 204–5
horizontal integration (HEPI) 206–8
  as a question of priorities 202–4
vertical integration (VEPI) 205–6
environmental policy plans 259–67, 273–5
epistemic communities 255
role in policy-making 48
Europe
  aluminium industry 238
  consensual steering devices 312
de-forestation 260–62
  policy responses 50–51, 55, 262,
      265–6, 334
  social science 342
see also Austria; Central and Eastern
  Europe, Denmark; France;
  Germany; Ireland; Italy; Latvia;
  Netherlands; Norway; Portugal;
  Spain; Sweden; UK
European Aluminium Association 238
European Commission 69, 71–3, 79, 326
  ‘Prodi-Group’ 206
Synthesis Report 121
White Papers 75
European Convention 348, 350
European Council 70–71, 78, 79–80,
  119, 122, 124
Barcelona (2002) 65, 121, 123, 132
Bonn (2001) 83
Brussels (2003) 120
Cardiff (1998) 64–5, 79, 118, 132,
  196–7, 210
Gothenburg (2001) 66, 74, 84,
  118–19, 120, 132, 194, 197
Helsinki (1999) 64–5, 118
Lisbon (2000) 65, 66, 86, 87, 118,
  123
Luxembourg (1997) 196
  reform of voting procedures 129
Seville (2002) 65, 66
The Hague (2000) 83
European Council of Finance Ministers
  (ECOFIN) 119–21
European Council of Ministers 69,
  74–5, 78, 79, 118, 122
European Court of Justice (ECJ) 76, 77,
  132, 251
European Environmental Agency (EEA)
  76–79, 84, 87, 121, 354–5
European Environmental Bureau (EEB)
  77
European Parliament 75–6
European Union
  approach to participation 141
assessment of governance 88–90
benchmarking 255
challenges to 351
climate policy 288
Committees of Permanent
  Representatives (COREPER) 75,
      79
democratic deficit in 118
DG (Directorate General)
  Environment 71–2, 79
employment rates 155
enlargement 129, 251
Environment Council 68, 74
Environmental Action Programme
  (1992) 64–8
evolution of sustainable development
external coordination 82–4
Framework Directives 105–6, 124
Index

Future of Europe convention (2002) 67
General Affairs Council 74
interface with Spain 324
influence of 326
Intergovernmental Conference (2003) 67
internal coordination 81–2
and Kyoto Protocol 233–4
multilevel coordination 80–81
non-regulatory tools and soft
convergence 84–5
policies 8, 130, 224–5
policy integration 202–3, 206, 329
policy learning 85–7
principles and policy 68–80
research policy 224–5
role in sustainable development 22–3, 336, 345, 348
and sectoral integration 196–8
strategic research 354
Structural Funds 208
see also Common Agricultural
Policy; Local Agenda 21;
Maastricht Treaty; Network on
Implementation and Enforcement
of Environmental Law; Single
European Act; Sustainable
Development Strategy; Treaty of
European Union; Treaty of Rome
European Union strategies
deadlines and specifics 118–19
increasing integration 118
institutionalising intent and
evaluation effects 119–21
prospects and problems 121–3
Europeanization, literature on 256–7
eutrophication objective 108, 111, 114
‘Executive Mode’, Germany 215–16
expressivist justifications for
participation 165
external
circumstances 290–91
coordination 82–4
imposition 258, 270
extra-democratic mandate 204
Federation of Municipalities and
Provinces (FSMP), Spain 147–8, 155
finance base
Netherlands 109–10
Spain 128
Sweden 107, 115
financial benefits of preventing pollution 225–6
‘first mover advantage’ 254
flexibility in policy systems 49–50
follow-up negotiations, covenants 310–11
forced cooperation 294
formal
discretion 299
power 294
France 266, 303
free-riding strategies 142
Friends of the Earth 265
functional gains of participation 154
General Directorate of the Environment
(DGMA), Spain 152
General Secretariat for the Environment
(GSE), Spain 151–2
generational
equity 14
objectives 105–6
Germany 215, 265, 323
COMPSUS Project 212
de-forestation 260–62
integrative steering 329
policy responses 51
global
agreements 81
equity 14
Global Ecolabeling Network 255
global governance mechanisms 248–9
harmonization 249–51
imposition 251–2
policy diffusion 252–7
global warming, causes of 222
go-it-alone approaches 55
Gothenburg Summit (2001) 66, 74, 84, 118–19, 120, 132, 194, 197
governance 5–7, 162–7
angle on 342–3
challenges for 21–2
European Union 121–3
improvement in 343–5
governance by diffusion 246, 273–6
global spread of strategies 259–73
international norm for national implementation 247–8
mechanisms of global governance 248–57
typology of governance mechanisms 257–9

Governance for Sustainable Development (OECD) 343–4
Governance for Sustainable Development (SUSGOV) 2–3, 7–8, 12–13, 319–20, 323–4, 328–30
governance mechanisms 257–9
governance, form and function in 1–3
‘differentness’ of sustainable development 12–22
overview 22–6
rational democratic governance 3–12
government
authority of 98
elections 95–6
influence on target groups 290
role in decision-making 187–8
government practice, external standard for adapting 197
Governamental Commission for Economic Affairs (GCEA), Spain 150
grassroots movements 178
green consumerism strategy 230–32, 237
‘Green Minister’ initiative, Germany 212
green movement, Spain 128
Green Party 74
green plans see environmental policy plans
green taxes
Netherlands 110
Sweden 107
‘green troika’ 129

greenhouse gas (GHG) emissions 184, 193, 222–3, 227, 232–5, 238, 240–41
‘greening’ 205
of industry 232, 235
Greenpeace 149
group participation 175–7, 179–86
‘group think’ risk of 48
group-based participation approaches 180–82, 184
Habitat programme (UN) 13
hard conditionality 275–6
harmonization 249–51, 260–69, 275
Helsinki Summit (1999) 64–5, 118
holistic
environmental indicators 87
programmes 20, 350–52
horizontal coordination 82
horizontal environmental policy integration (HEPI) 206–8, 215, 326, 329
Hungary 267
Hydro Aluminium 238–9
ICC ‘Business Charter’ 226
ideational vs institutional theories 12, 337–40
idiosyncratic events 42
impact assessments 195
implementation 7–8, 311–12
adequate application 295–7
an understanding of 286–7
aspects of 292
core variables 291–2
covenants 310–11
deductive approach 288–9
ideational vs institutional theories 12
initial application of instruments 293
as a key condition 284–6
logic of ‘stages’ 8–9
negotiated agreements 306–9
processual nature of 47
research 22
theoretical focus 287–8
top-down vs bottom-up 9–12
understanding of processes 311
implementation research and governance 54–6
relevance for sustainable development 36–8
implementation theory 44–5, 286–9, 333–4
ideas vs institutions 337–40
institutional arrangements 48–53
independence with risk 134–5
Index 367
Downloaded from Elgar Online at 01/26/2019 12:57:37PM via free access
Index

learning processes and uncertainty 45–8
social learning 340–42
implementers 98–100
motivation of 299–300, 302
implementing authorities
discretion of 299–300
motivation of 309
implicated parties, deliberative
engagement with 166–7
imposition 251–2, 269–73
incentives 110, 291–2, 296
incremental
decision-making 43, 46
technological changes 229
Indicative Multi-Year Programme for
Environment (1984–89), Sweden 109
industrial
metabolism 228
pollution-control issues, European
Union 128–9
transformation, European Union
224–5
industrialized countries, development of
strategies 260–69, 271–3
industry federations, influence of 78
informal
discretion 299
power 294
information
to apply policy instruments 293–4, 301–4
of companies 309
as core variable 291–2
gathering and sharing 42–3
of target groups 310
Innovation in Environmental
Governance (IEG) project 337, 339, 340
Institute for the Conservation of Nature
(Icona) 151–2
institutional
implications of policy commitment 35–6
isomorphism 258
mechanisms 328–31
participation, Spanish strategy
146–50
Institutional Analysis and Development
(IAD) framework 12, 334–5, 337, 341
institutional arrangements 48–51
for participatory learning 51–3
institutional reforms for vertical policy
integration 205–6
institutionalised peer-review 255
institutionally thick environments 253
institutions, division of 79–80
Instrumentation Theory see Contextual
Interaction Theory
Integrated Environmental and Economic
Accounting (IEEA) 196
integrated life-cycle management,
Netherlands 111
integration
Europe 118, 122–3, 124
objectives 76–7, 79
inter-generational
justice 73
time horizon 96–7, 105
inter-governmental
bargaining 82
networks 255
Inter-ministerial Commission for
Sustainable Development, Spain 155
interaction
processes 289–90
types of 294–5, 297, 312–15
interactive modes of policy-making
286–7
interest groups
political games of 136
Spain 130, 131, 152, 155
interests, representation of 166
Intergovernmental Panel in Climate
Change (IPCC) 163
international agreements 39, 41–4
International Convention on Climate
Change (UN) 18
International Council for Local
Environmental Initiatives (ICLEI) 348
International Development Assistance
(IDA) 269–70
international institutions
learning in 49
policy diffusion in 255, 256
International Monetary Fund (IMF) 258
Downloaded from Elgar Online at 01/26/2019 12:57:37PM via free access
Index

International Network of Green Planners (INGP) 255, 265, 275
international norms for national implementation 247–8
International Panel on Climate Change (IPCC) 193
International Union for the Conservation of Nature (IUCN) 270
intra-agency collaboration 60
intra-ministerial ‘fusion’ 214
Ireland 264
issue-specific networks 255
Italy 303
Jänicke, Martin 256
joint learning 294
Jordan, Andrew 337
Jörgens, Helge 25, 326, 340, 351
key concepts of sustainable development 191–3
knowledge in decision-making 167
knowledge management 332–3
Kyoto Protocol 83, 120–21, 154, 232, 233–4, 332
Lafferty, William M. 24, 329, 351
Latin America 269
Latvia 264
Leaders Forum on Sustainable Development (2000), Canada 213
leadership 326–8
learning in international institutions 49
learning processes 45–8, 51–3
legal standard-setting 258
legislation breaches of 132, 141
Spain 128–9
legitimisation devices 143, 146, 150, 152
Lesotho 269
liberal-pluralist democracy (LPD) 347, 348–9, 351
licensing in negotiated agreements 309
life-cycle aspects of products 236–7
life-support systems, prospect of damage to 203
Lisbon Summit (2000) 65, 66, 86, 87, 118, 123
lobbying
business groups 75–6
environmental groups 77, 79
local development activities 179
visioning 183–4
Local Agenda 21 82, 183–4, 325, 348
Long-Range Transport of Air Pollutants (LRTAP) 42
long-term strategies 96–7
longitudinal studies 39–40
low-emission energy supply 52–3
Loy, Frank 83
Lundqvist, Lennart J. 23, 285–6, 324, 328, 341, 351
Luxembourg Summit (1997) 196
Maastricht Treaty 76, 128
Madagascar 269
Management by Objectives and Results (MBOR) 23, 124, 324, 330
core aspects for analysis 101–3
Dutch strategy 109–14
European Union strategy 118–23
general characteristics 98–100
key lessons from country cases 114–18
political terms and ecological cycles 95–8
specific issues 100–101
Swedish strategy 103–9
Manual of Environmental Policy (IEEP) 197
marine policy 200
market
democracy 1–2
liberalism 15
steering/tools 84–5
Matas, Jaume 132
Mauritius 269
Maximum Allowable Concentrations (Netherlands) 114
Meadowcroft, James 23–4, 324–5, 331–2, 341–2, 345
mechanisms, horizontal policy
<table>
<thead>
<tr>
<th>Term</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>meta-managerial challenges</td>
<td>53</td>
</tr>
<tr>
<td>meta-policies</td>
<td>37–8, 56</td>
</tr>
<tr>
<td>Mexico</td>
<td>267</td>
</tr>
<tr>
<td>mimetic isomorphism</td>
<td>253, 258</td>
</tr>
<tr>
<td>Ministry of Spatial Planning, Housing and the Environment (VROM), Netherlands</td>
<td>110</td>
</tr>
<tr>
<td>Ministry of the Environment (MIMAM), Spain</td>
<td>147–51, 155</td>
</tr>
<tr>
<td>Minnesota Manufacturing and Mining</td>
<td>226</td>
</tr>
<tr>
<td>minority interests</td>
<td>44</td>
</tr>
<tr>
<td>modal implementation studies</td>
<td>38</td>
</tr>
<tr>
<td>monitoring systems</td>
<td>195–6</td>
</tr>
<tr>
<td>MBOR</td>
<td>98–9, 100–103, 108, 113, 115</td>
</tr>
<tr>
<td>moral arguments</td>
<td>183</td>
</tr>
<tr>
<td>motivation to apply policy instruments</td>
<td>293, 299–300, 309</td>
</tr>
<tr>
<td>as core variable</td>
<td>291–2</td>
</tr>
<tr>
<td>of industry</td>
<td>309</td>
</tr>
<tr>
<td>of target groups</td>
<td>299, 301, 303, 310</td>
</tr>
<tr>
<td>motivation theory</td>
<td>299</td>
</tr>
<tr>
<td>multi-level governance/management, Europe</td>
<td>81, 121–4</td>
</tr>
<tr>
<td>multi-year agreements, Netherlands</td>
<td>114</td>
</tr>
<tr>
<td>multinational agreements, Netherlands</td>
<td>114</td>
</tr>
<tr>
<td>cooperation</td>
<td>89</td>
</tr>
<tr>
<td>multinational harmonization</td>
<td>249–51</td>
</tr>
<tr>
<td>initiatives</td>
<td>39</td>
</tr>
<tr>
<td>multiple scales, problem of</td>
<td>80–81</td>
</tr>
<tr>
<td>mutual benefits and interactions</td>
<td>200</td>
</tr>
<tr>
<td>Myklebust, Egil</td>
<td>236</td>
</tr>
<tr>
<td>Narbona, Cristina</td>
<td>148</td>
</tr>
<tr>
<td>narrow participation</td>
<td>143–5</td>
</tr>
<tr>
<td>national action plans</td>
<td></td>
</tr>
<tr>
<td>Berlin School</td>
<td>101</td>
</tr>
<tr>
<td>European Union</td>
<td>86</td>
</tr>
<tr>
<td>Netherlands</td>
<td>109–18</td>
</tr>
<tr>
<td>Sweden</td>
<td>103–9, 114–18</td>
</tr>
<tr>
<td>National Agenda 21 Committee report (1996)</td>
<td>103</td>
</tr>
<tr>
<td>National Biodiversity Programme, Spain</td>
<td>152</td>
</tr>
<tr>
<td>National Commissions for Sustainable</td>
<td>347</td>
</tr>
<tr>
<td>Development</td>
<td></td>
</tr>
<tr>
<td>national coordination</td>
<td>75</td>
</tr>
<tr>
<td>national economic accounts</td>
<td>196</td>
</tr>
<tr>
<td>National Environment Surveillance Network, Sweden</td>
<td>107</td>
</tr>
<tr>
<td>balancing sustainability and democracy</td>
<td>108–9</td>
</tr>
<tr>
<td>deadlines and strategy</td>
<td>105–6</td>
</tr>
<tr>
<td>institutionalising intent and evaluating effects</td>
<td>106–7</td>
</tr>
<tr>
<td>as Management by Objectives and Results</td>
<td>114–18</td>
</tr>
<tr>
<td>origins of strategy</td>
<td>103–4</td>
</tr>
<tr>
<td>political positioning and societal support</td>
<td>104–5</td>
</tr>
<tr>
<td>National Environmental Action Plan (NEAP)</td>
<td>214, 269–71, 275</td>
</tr>
<tr>
<td>National Environmental Outlook (RIVM)</td>
<td>113</td>
</tr>
<tr>
<td>national environmental policy plans (NEPPs)</td>
<td>23, 209, 213–14</td>
</tr>
<tr>
<td>deadlines and strategies</td>
<td>110–11</td>
</tr>
<tr>
<td>institutionalising intent and evaluating effects</td>
<td>111–13</td>
</tr>
<tr>
<td>as Management by Objectives and Results</td>
<td>114–18</td>
</tr>
<tr>
<td>origins of new strategy</td>
<td>109</td>
</tr>
<tr>
<td>performance and prospects</td>
<td>113–14</td>
</tr>
<tr>
<td>political positioning and societal support</td>
<td>109–10</td>
</tr>
<tr>
<td>national environmental quality objectives (NEQOs)</td>
<td>deadlines and strategies</td>
</tr>
<tr>
<td>institutionalising intent and evaluating effects</td>
<td>106–7</td>
</tr>
<tr>
<td>origins of new strategy</td>
<td>103–4</td>
</tr>
<tr>
<td>political positioning and societal support</td>
<td>104–5</td>
</tr>
<tr>
<td>prospects and perils</td>
<td>108–9</td>
</tr>
<tr>
<td>Sweden</td>
<td>101</td>
</tr>
<tr>
<td>National Institute for Public Health and Environmental Protection (RIVM), Netherlands</td>
<td>109, 113, 114</td>
</tr>
<tr>
<td>National Plan of Infrastructures, Spain</td>
<td>149</td>
</tr>
<tr>
<td>national regulations, standardization of</td>
<td>251</td>
</tr>
<tr>
<td>National Round Table on the Environment and the Economy (NRTEE), Canada</td>
<td>212–13, 325</td>
</tr>
</tbody>
</table>

The document contains a comprehensive index of terms and concepts related to environmental policy and management, with page references for each entry.
Index

national strategies 259–60
European Union 199–21
National Strategy for Sustainable Development, Netherlands 213
national sustainable development strategy (SDS) 208–9
National Water Plan (NWP), Spain 149, 152
natural resources 228
negotiated agreements 113, 292, 305, 306–9
follow-up negotiations in 310–11
negotiated regulations 175–6
negotiation 297
neighbourhood groups 178
Neilson, Poul 83
Netherlands
compensation regulation 300–302
COMPSUS Project 213–14
disaster in 284
effluent charges 302–4
green planning 50
initiatives 25–6, 265, 324, 327
integrative steering 329
National Environmental Policy Plans (NEPPs) 23, 53, 101, 109–14, 262
policy integration 213–14, 216
policy responses 50, 51, 267, 275, 286, 287
strategies 114–18
target group approach 293, 305–11
transition management 52–3
Network on Implementation and Enforcement of Environmental Law (Impel) 86
New Environmental Policy Instruments (NEPIs) 337, 339
New Independent States (NIS) 270, 271, 273
New Political Economy 343
New Public Management 342
New Zealand 267
non-government organizations (NGOs)
campaigns 265
and covenants 176
European Union 68, 77, 123
and non-compliance 266
Northern countries 353–4
and outside-in policies 339–40
Sweden 104–5
transnational 253, 265
non-institutional actors 77–8
non-integration 79
Nordic Council 19, 348, 354
normative
arguments for participation 162
challenges 285
dimension of policy 43–4, 54
idealistic policy commitment 34–5
isomorphism 258
long-term programme 20–22, 352–4
Norsk Hydro 235–9
North America 204
North–South relationships 249
Northern countries 353–4
Northern Europe 128–9, 130
Norway
aluminium industry 233–9, 240–41
political system 51
sectoral integration 208, 210, 327–8
strategies 353
survey 323
Norwegian Contractors 237
Observatory of Sustainability, Spain 155
obstructive cooperation 297
operational mechanisms, vertical policy integration 205
opposition 294
oppositional strand of community centred tradition 178
Organisation for Economic Co-operation and Development (OECD)
applied science work 319
case studies 210–11
and decoupling 222, 225
and emissions 239
Environmental Performance Reviews 265, 275
governance challenges 24
and harmonization 260–63, 265–8
and implementation theory 329–30,
Index

and imposition 269–71
Improving Governance for Sustainable Development seminar (2001) 326
and participation processes 143, 162
policy instruments of 5–6, 8
and policy integration 141, 194–5, 197, 199, 202, 204, 215–16
and political competition 253–4
public regulatory agencies in 232–3
and strategic elements 10–12
see also Governance for Sustainable Development
organized groups, short-term interests of 35, 184–5
Ostrom, Elinor 12, 334–5, 337, 341
Our Common Future 13–14, 109, 194–5, 203–4, 247, 262
outside-in policies 34, 38–9, 54–6, 80–81
challenges of 41–4, 136–7, 247–8
outside-in programmes 17–18
package-deal compromises 129
‘Parliamentary Mode’, Canada 215
Parsons, Wayne 335
participation trap 136–7, 141–5
participation, environmental decision-making 162–88
participation, Spain 155–6
participatory learning 51–3
mechanisms 168
participatory rhetoric vs practice 145–6
administrative responsibility 150–52
institutional and public 146–50
participatory traditions and mechanisms 171–2
citizenship and citizens 172–5
contributions from 179–86
local communities 177–9
stakeholders and groups 175–7
passive cooperation 294
peer-reviews 265
People’s Home, Sweden 117
perfluorocarbons (PFCs) 234, 239
performance indicators, European Union 122
permit systems 292, 293, 297, 298, 307
compliance with 309
sanctions under 304
Peterson, John 255
physical sustainability 14
Pierre, Jon 343
Plan for Harbours, Spain 149
policy
commitment 33–44
coordination 199
emulation 252
formation 169–70, 288
imposition 269–73
innovations 254–6
insemination 264
instruments 5–7
outputs 35, 288–9
priorities 203–4
specificity 45
policy diffusion 252–4
determinants of 254–7
policy implementation see implementation
policy instruments, classification of 291–2
policy integration 75
as a governing mechanism 191–3, 197
policy objectives
balancing of 209
traditional hierarchy of 197–8
policy systems, openness and learning in 49–50
policy-making, environment-centred approach 202
policymakers 98–100
political
commitment 216
competition 253
conditionality 269–73
cultures, European Union 123
legitimacy 100, 117, 197
positioning 104–5, 109–10
will 286–7
political and ecological time scales 95–6
reconciliation of 96–8
political system, Spain 130–32, 151
polity ‘bind’ 44
Polluter Pays Principle 111, 123, 199, 300
pollution categories of 301
Index

Pollution Prevention Pays (3P) programme 226
pollution taxation 84–5
Popular Party (PP), Spain 140, 147–8, 150, 152, 154–5
Portugal 264, 267
power
to apply policy instruments 303, 304
as core variable 291–2
to dictate policy 251
distribution of 294
precautionary principle 45–6, 72–3, 87, 199
predictive model 295, 297–9
price systems, innovative use of 34
principles, internalisation of 78–80
problem-specific revenue-generating charges 303
product re-designing 229, 237
production, upstream/downstream effects of 226
Programme for Research and Documentation for a Sustainable Society (ProSus) 2, 5–6
Programme of Action for Sustainable Development (UN) 15
Project on Comparative Implementation of Sustainable Development (COMPSUS) 208–10
Canada 212–13
Germany 212
Netherlands 213–14
OECD case studies 210–11
project-focused processes 179
ProSus 16
public authorities, role in participation 182
public enquiries 172–3, 177, 180
Public Management Service (PUMA) 2, 320
primary participation 50, 100–101
Spanish strategy 146–50
Sweden 107
public values 183
quality improvement, Netherlands 111
quality of life 163
‘race to the bottom/top’ 254
Ratio, Rodrigo 132
rational democratic governance
democracy and steering 4–5
governance 5–7
policy implementation 7–12
‘realist’ school of ethical thinking 194
rebound effect 207, 237–8, 240
recycling 238, 240–41
redistributive policies 256
referendums 173–5, 177, 180, 181, 187
regime formation, paths to 257–8
regional coordination 81–2
Regional Water Directorates, Sweden 108–9
regulation
government role in 48
move from 5
regulative policies 256
regulatory regimes, questioning of 133–4
Reitan, Marit 233
research and development, Norway 240
resource efficiency strategy 230–32, 237
resource management, European Union 122
resources, efficient in use 97
rhetorical discourse 153–5
Rio Earth Summit (1992)
agreements 13, 15, 18, 21, 73, 152, 194–5, 210, 221, 247, 346, 351
commitments to 3, 54–5
follow-up to 232, 265–6
participation in 78, 83
risk management 47
Rogers, Everett 252
Roome, Nigel 223, 224, 230
Rose, Richard 252
rules 291–2
Ruud, Audun 24
Sabatier, Paul 7–10, 12, 39–40, 334–5, 337–9, 341–2
Sabatier—Mazmanian list 9–12, 326, 327, 355
sanctions 293, 304
Schmidheiny, Stephan 226
scientific experts, role in policy-making 48
scientific knowledge 167
...
Index

Secretariat of State for Water and Coastal Areas (SSWCA), Spain 150–52
Sectoral Conference on the Environment (CSM), Spain 147–9, 155
sectoral negotiated agreements 293
sectoral objectives 201–2
sectoral policy integration, mandate for 193–4
Agenda 21 195–6
Bruntland Report 194–5
European Union 196–8
Sweden 106–7, 108
selfish interests 142, 182–3
semantic openness 14
SEO/Bird Life 149
Seville Summit (2002) 65, 66
Seychelles 269
short-term decision-making 52–3, 108
influence of government elections 95–6
silica 236–7
Single European Act (1986) 64, 82
Single European Market 122–3
social change, steering of 165–6, 182
cohesion 154–5
ignorance 141–2
learning 340–42
social component of sustainable development 193
social systems, policy diffusion 256
social values, responsibility for 223–4
social-psychological motivation theory 299–300
social-democratic liberalism 15
Socialist Party (PSOE), Spain 130, 147–9, 153
societal self-binding 96–8
learning 167
support 104–5, 109–10
socio-technical transformations 52
soft harmonization, shift towards 266–70
instruments 254
policy diffusion 257
strategies 123
targets 87
Spain
democratic politics and sustainability 134–45
energy taxes 85
engaging with sustainable development 129–33
need for environmental governance 133–4
participatory rhetoric vs practice 145–52
rhetorical discourse 153–5
strategies 23, 128–33, 155–6, 267, 323–4
Spanish Strategy for Sustainable Development (SSSSD)
administrative responsibility for 150–52
participation in 146–50
stable blocking alliances 129
stages approach to policy process 8–9, 288
stakeholding, definition of 183
stand-alone instruments 306
state national context of 256–7
role in governance 100
Statistical Office of the European Communities (EUROSTAT) 121
steering capacity 285–6
steering mechanisms in governance 4–7
European Union 89–90
external coordination 82–4
internal coordination 81–2
multilevel coordination 80–81
non-regulatory tools/soft convergence 84–5
policy learning 85–7
steering strategies 100
Stockholm Conference (1972) 226
Stone, Diane 251
strategic governance, lessons and objectives 320–22
commitment and leadership 326–8
common understanding of sustainable development 323–6
effective stakeholder involvement
efficient knowledge management 352–3
institutional mechanisms for integration 328–31
strategies
global spread of 259–73
recognition and development of 88
selection of 100–11
Strategy for Sustainable Development (SSSD), Spain 129, 130, 132–3, 143–56
structural source-oriented measures, Netherlands 111
subsidiarity 81–2, 122–3
subsidies 294, 300
sulphur emissions, taxes on 84–5
supranational organizations 251, 336
see also European Union;
Organisation for Economic Co-operation and Development;
United Nations
supranational policies 81
sustainability impact assessment (SIA) 72, 84, 118
sustainability indicators, Sweden 107
sustainable development
common understanding of 323–6
differentness of 286
distinctness of 15–17
establishing conceptual core 13–15
key characteristics and functional challenges 17–22, 68–80, 82, 88–9
procedural norms of 72–3
sustainable development constituencies 141–5
Sustainable Development Strategies 344
Sustainable Development Strategy (SDS)
64–6, 119, 132, 136, 141, 197, 397
Sustainable Development: Critical Issues 344
Sustainable Mobility Project (WBCSD) 229, 237, 239, 240
Sweden 209, 324, 327, 328, 351
policy responses 51
pollution taxes 84
strategies 23, 103–109, 114–18
Swedish Environmental Protection Agency (SEPA) 103, 104, 200
Swedish Environmental Protection Code 106
Swedish Social Democratic Government 103
symbolic
application 297
policy 45, 293
target group approach
negotiated agreements and implementation processes 306–9
policy 305–6
target group commitment 286–7
target groups
behavioural alternatives of 295–6
cooperation of 214
identification of 293–4
influence on government 290
motivation of 299, 301, 303, 310
Netherlands 110–11, 113, 116, 117
Sweden of 99–103, 116, 117
targets, European Union 120–21
tariff systems 303
task and theory, independency between 334–7
taxation
energy 85, 121
Netherlands 110, 113
Norway 223
pollution 84
Sweden 107
technology policies 34
The Hague Summit (2000) 83
themetic integration 214
tomra 238
top-down
analysts 48–9
perspective, Sweden 108
top-down/bottom-up distinction 9–12, 37–8, 40–41, 289
tote-board diplomacy 42
trade, link to environmental objectives 84
traditional environmental policy 210
trans-border, supra-national programme 347–8
Index

transboundary problems 251
transformation programme 19–20, 348–50
transition management 52–3
transitional countries, national action plans and strategies 269–73
transnational advocacy networks 255, 256
communication channels 254–5, 269, 275
policy networks 253
transparency 70–71, 75–7, 196
Treasury Board Secretariat (TBS), Canada 212–13
Treaty of Rome (1957) 64
Treaty of European Union (1991) 64
Treaty of the European Community 196
Turkey 267

UK
energy taxes 85
policy responses 51, 266, 355
uncertainty 45–8
Underdal, Arild 200–201
unilateral imposition 249, 251–2
Unit for Territorial Planning, Spain 150–51
unitary political systems 116, 117
United Left (IU), Spain 147
United Nations
approach to eco-efficiency 232
commitment of sustainable development 191–2, 336
and harmonization 267
and integration 329
policies of 8
scientific bodies in 350
see also Agenda 21; Commission on Sustainable Development;
Conference on Environment and Development; Earth Summit plus
5; Habitat programme;
International Convention on Climate Change; Local Agenda
21; Programme of Action for Sustainable Development; Rio
Earth Summit
United Nations Development Programme (UNDP) 13, 270, 336
United Nations Environment Programme (UNEP) 4, 13, 336
United Nations General Assembly 267, 269, 271
United States and The Hague Summit 83
policy responses 50, 53, 267, 334, 336, 355
University of Oslo 2
upstream/downstream effects of production 226, 240
value change management 239
VAW Aluminium AG 235
vertical environmental policy integration (VEPI) 205–6, 215, 326, 329
voluntary agreements 232–5, 292
Sweden 107, 238
voluntary schemes
European Union 84–5
Netherlands 114
Spain 152
Sweden 108–9
Walking the Talk 235
Wallström, Margo 72
Waste Reduction Always Pays (WRAP) programme 226
water quality objectives
Netherlands 114
Spain 152
Sweden 108–9
Weidner, Helmut 256
Western countries, innovation in 300
Western Europe 200
Western governance model 204, 345
Western model of democracy 1–2, 21
Western priorities for policy-making 203
White Paper on Environmental Education (1999), Spain 152
working groups 177–8
World Bank 258, 269–71
World Business Council for Sustainable Development (WBCSD) 19, 221–2, 225–7, 232, 241, 325
see also Sustainable Mobility Project
World Commission on Environment and Development (WCED) 33, 204, 328, 355
| World Commission on Sustainable Development | World Trade Organization (WTO) | 73 |
| World Summit on Sustainable Development (WSSD) | Doha (2001) | 84 |
| see also Johannesburg World Summit | World Wide Fund for Nature | 149, 270 |
| | Wuppertal Institute | 227 |
| | Young, Oran | 257–8 |