
Index

- AccountAbility 1000 Stakeholder Engagement Standard (AA1000SES) 347
- act-related consumption 212
- Africa 225
- agency 86, 88, 92–5
collective 84–5, 96
- Agenda 21 55–6
- agent-based model, modified 166–7
- Agyeman, J. 422
- Akenji, L. 26
- Albinsson, P.A. 419
- Allwood, J.M. 142
- American Institute for Cancer Research 196
- Antonides, G. 209–23
- ascription of responsibility (AR) 256
- Asia 62–3, 165, 193, 287
- Asia-Pacific 225
- attitude–behaviour (value–action) gaps 88, 107, 278
- attitude–behaviour–choice (ABC) model 95, 105
- attitudes–facilitators–infrastructure (AFI) framework 26
- attitudinal factors 105, 278
- Austgulen, M.H. 204
- Australia 59, 135, 140, 164, 172, 226
Global Green Tag 296
- Austrian economics 394, 397–400, 401, 406, 408
- availability bias 317
- Baatz, C. 124, 127
- Baker, S. 210, 211
- Ballantine, P.W. 419
- Bamberg, S. 171, 249
- Bardhi, F. 419
- Barnett, C. 94, 96
- Baslington, H. 271–2
- Beardsworth, A.D. 210
- Becker, G.S. 400, 401
- Beckmann, S. 104
- beef sector 134–5, 192, 193, 275, 291–3, 353
- behavioural economics and environmental protection 9–10, 313–25, 361
above average effect 317
active consumer choices 322–3
automatic enrolment and consumer behaviour 321–2
- Behavioural Insights Team 314
- behaviourally informed disclosure 318–19
- choice architecture 313–14, 315, 317, 325
- confusion, avoidance of 319
- default rules 319–23
and automatic enrolment 319–21
extreme 322
implicit endorsement 321
mass 321
personalized 321
- energy use 318, 320–21, 325
- findings 315–17
- framing 316, 318
- inertia and procrastination 315–16, 321, 322
- internalities 313, 315
- libertarian paternalism 314–15
- ‘nudging’ 314, 318, 325
- nutrition 318
- presentation 316
- probability assessment and attitude to risk 317
- reference point for consumer decisions 321
- saliency 323–4
- savings 319–20, 325
- social norms 316–17, 324, 325
- Belgium 64, 155
- Belk, R. 415
- Bell, D. 433
- Bentham, J. 396
- Berg, A. 28
- best available technologies (BATs) 289, 378
- Bhamra, T. 103
- Bhate, S. 105, 106
- Biel, A. 107
- bio fuels 166
- biodiversity 21–2, 157
- bioethanol 140
- Bjørner, T.B. 350
- Blengini, G. 137
- Blue Angel (Germany) (eco-label) 300, 301, 305
- Bolderdijk, J.W. 72, 77, 78, 79, 328, 330, 324, 337, 340
- Bonroy, O. 305–6
- Bonsall, P.W. 164
- Börjesson, P. 138
- Botsman, R. 415

- bottom-up approach 148–9, 153, 155, 158, 185–6, 285
- Boulding, K.E. 35
- bounded socio-technical experiments (BSTEs) 25
- Bourdieu, P. 85, 87, 92, 97, 187
- boycotts 351
- Brambell Report 194
- Brazil 140, 291
- Bringezu, S. 382
- British Standards Institute (2011): Publicly Available Specification 2050 288
- Brundtland Commission/Report 51, 54–5, 186, 229, 243
- Brunsson, N. 344
- Burger, J.M. 339
- Business Alliance for Local Living Economies (BALLE) 440

- Cacioppo, J.T. 262
- Caldwell, D.F. 339
- Cameron, D. 314
- Canada 164, 234
- carbon dioxide emissions 51, 61, 147, 150, 154–6, 178
 - family socialization 268, 269
 - life cycle assessment 134, 138–9
 - transportation and travel 167, 170, 173
- carbon dioxide equivalent 14, 285, 292, 295
- Carbon Disclosure Project 347
- carbon footprint 135, 155, 196–7, 275, 286–9
- carbon triage and carbon labelling system 9, 285–97
 - assessment feasibility 288–9
 - binary level of precision 295
 - carbon dioxide equivalent 14, 285, 292, 295
 - carbon footprint 135, 155, 196–7, 275, 286–9, 295
 - consumer responsiveness or demand-side plasticity 290–91
 - content of labels 295–6
 - criteria for choosing products for labelling 286–91
 - food industry example 292–3
 - framing effects 296
 - geographic considerations 294–5
 - governance 293–4
 - implementation issues 293–6
 - ordinal level of precision 295–6
 - pre-testing 296
 - producer responsiveness or supply-side plasticity 289–90
 - product life cycle implications 291–2
 - production 291, 294
 - ratio scales 295
 - seal-of-approval labels 295–6
 - transportation 291
 - usage and disposal 291, 294
- Carlson, L. 111
- Carlsson-Kanyama, A. 135, 136
- cars *see* transportation and travel
- Cash, D.W. 366
- Cawley, J. 231
- Central Africa 225
- Central America 230
- certification standards 185, 204, 296, 306, 346–9, 354–5
- Chabowski, B.R. 113–14
- Chappells, H. 60, 89, 92, 94, 95
- Change, C.-H. 112
- Chase, R. 412
- Chen, Y.-S. 112
- China
 - 11th Five-Year Plan (2006–10) 35
 - carbon triage and carbon labelling 297
 - decoupling resource consumption and economic growth 390
 - energy 62–3
 - material efficiency 379
 - meat 193
 - rising levels of consumption 56–7
 - transportation and travel 165
 - waste 63
- choice 28, 247, 402–3
 - see also* rational choice theory
- choice architecture 203, 236, 360
 - see also* ‘nudging’
- Christensen, T.H. 92
- Churchill Jr, G.A. 269
- citizen-consumers 90–91, 204–5
- classical liberalism 394, 395–6, 397, 400, 406
- Classification of Individual Consumption According to Purpose (COICOP) 148–9, 154–5
- Claussen, E. 165
- CleanMetrics 287
- climate change 22
- climate clubs 285
- climate protection strategy 386–7
- clothing sector 361, 411–12
- Club of Rome 54
 - Meadows report 385
- coal 53–4
- codes of conduct 209, 234
- Cohen, M.A. 295
- Cohen, M.J. 86, 96, 361, 426, 429
- collaborative consumption *see* connected consumption and collaborative consumption: sharing economy
- Collins, A. 154

- common but differentiated responsibilities and benefits 382–5
- communication media 110–11, 361
- connected consumption and collaborative consumption: sharing economy 12, 42, 410–23, 433, 440
 - AirBnB 412–13, 414, 415, 419, 420–21
 - apparel 411–12
 - bartering 43
 - building social connections 411
 - business-to-peer (B2P) exchanges 420
 - car sharing 414
 - carbon footprint reduction 414, 422
 - circuits of commerce 417–18
 - classification: typology of platforms and practices 419–20
 - co-design 108
 - co-production of utility 40
 - Couchsurfers 412, 418
 - cultural capital 417, 419
 - ecological impact and ecological footprint 414
 - economic motivation 414
 - emergence of sharing economy 410–13
 - exchange of services 411, 413
 - food swaps 419, 420–21
 - for-profit motive 420, 421, 422
 - Freecycle 415
 - ideological motivation 414–15
 - non-profit motive 420
 - optimizing use of assets 411
 - peer-to-peer (P2P) public reputation systems 418, 420–21
 - practical example 420–22
 - quantification and definition of sharing economy 415–18
 - reciprocity 417
 - recirculation 411, 414
 - RelayRides 419, 420, 421
 - rental of excess space 412–13
 - sharing websites 416
 - social connections and social networks
 - building 414
 - social currency 413
 - social lending sites 413
 - Task Rabbit 413, 421–2, 423
 - technophilia 414
 - time banks 413, 419, 423
 - transformative potentials and challenges 422–3
 - trust and reputation 416–17, 418–19, 421
 - value creation 420
 - vouching 418
 - Zipcar 412, 419, 420, 422
- Connelly, B.L. 109
- conscious deliberation 246
- consideration of future consequences (CFC) 263
- Constantatos, C. 305–6
- consumer behaviour modelling 104–5
- consumer habits and sustainable consumption 8, 227, 243–51, 361
 - automaticity 247
 - choice alternatives 244–6
 - definition of sustainable consumption 243–4
 - dual-process models 246, 247
 - eco-labelling 305
 - family socialization 278
 - goal-directed habits 248
 - habit discontinuity hypothesis 248–50
 - intentions 247–8
 - interventions effect 249–50
 - mental clustering of sustainable behaviours 245
 - repetition 247
 - tunnel vision 247
- consumer policy 1, 182, 254, 265
- Consumer Policy Committee (COPOLCO) Working Group on Consumer Protection in the Global Market 352
- consumer responsibility for sustainable consumption 8, 254–65, 267
 - ascription of responsibility (AR) 256
 - behavioural dimensions 267
 - conception of sustainability 258–60
 - consumer social responsibility 255
 - disposal 260–61
 - distribution of responsibility 259–62
 - economic 260
 - environmental 260
 - felt responsibility for promoting constructive change (FRCC) 257
 - norm activation 255–6
 - outcome dimensions 267
 - personal norms (PN) 255–6, 257
 - production 260–61
 - purchase and usage 260–61
 - ratings of relevance of conceptual model elements 261
 - shared responsibility 258–62
 - social 260
 - willingness to pay 257–8
 - see also* consumers' felt responsibility for sustainability (CFRS)
- consumer sensibilities, new 429–30
- consumer sovereignty 12, 20, 394–408
 - Austrian economics 394, 397–401, 406, 408
 - classical liberalism 394–7, 400, 406
 - consumers are not sovereigns 402–6

- economy, structure of 404–5
- instrumental efficiency argument 394, 397, 400–401
- market ideal argument 394, 397–400
- modern political economy, development of 395–6
- neoclassical economics 394–7, 400–401, 405–6
- neoliberalism 395, 401
- political instrument argument 394, 397–8
- power over preferences 405–6
- rational choice theory and individual choice and preference 402–3, 406–7, 408
- role of in economic thought 397–401
- consumers 39–40
 - see also under* sustainability marketing
 - consumers' felt responsibility for sustainability (CFRS) 255–6, 264, 267
 - antecedents and correlates 262–4
 - behaviour prediction 257–8
 - demographics 263–4
 - mindset 262–3
 - scale 257
 - values and ideology 263–4
- consumption junctions 90–91, 96
- consumption and use of goods and services 267
- convenience-oriented path 213
- corporate social responsibility (CSR) 111, 113, 254, 263, 296
- corporate sustainability and responsibility 346–9, 350–52, 354
- CORPUS (case study) 366–8, 369–70
- Creech, H. 365
- Crivits, M. 94
- Cullen, J.M. 142
- cultural turn 86–7
- Curran, M.A. 140
- curtailment behaviours 271, 339

- Dagevos, H. 213, 220
- Dahlstrand, U. 107
- dairy sector 134–5, 158, 192, 275, 292–3
 - cheese 135, 287, 292–3
 - eggs 192, 293
 - milk 135–6, 192, 292
- De Bakker, E. 213
- De Groot, J.I.M. 256, 264
- de Koning, A. 288
- decommodification of consumption 42
- decoupling resource consumption and
 - economic growth 11, 27, 157–8, 377–91
 - absolute decoupling 27, 383–4, 385, 387
 - common but differentiated responsibilities and benefits 382–5
 - contraction and convergence 382–3
 - decoupling triangle of efficiency, sufficiency and consistency 384–5
- Germany (case study) 377, 385–9
 - business level 388–9
 - dialogue 388
 - Energiewende 389
 - financing-based incentives 388
 - fiscal tools 388
 - framework conditions 387–8
 - framing resource policies 385–7
 - international covenant 388
 - Material Efficiency and Resource Consumption (MaRes) 385–7, 388
 - Ministry of Environment 385–6
 - performance 388
 - public efficiency awareness and performance 388–9
 - regulatory approaches 387–8
 - research 388
 - Resource Efficiency Programme (ProgRes) 385, 388–9
 - Roland Berger (consultancy firm) 386
 - selected policies and measures 387–9
 - Wuppertal Institute for Climate, Environment and Energy 385
- growth, resource protection and jobs 383–4
- illustration of decoupling challenges 383
- impact decoupling 380
- measurement and key areas 378–82
- quality of life, economic growth and resource use 381
- relative decoupling 27, 383, 385
- resource consumption indicators 380–81
- resource decoupling 27
- triple decoupling 380
- definition of sustainable consumption 19, 70–71, 243–4
- Delre, S.A. 166–7
- Denmark 155, 204, 226, 235
 - 'Use more, waste less' campaign 42
- dependence effect 406
- Descartes, R. 396
- design-for-environment process 108
- Devinney, T.M. 255
- Di Carlo, T. 137
- direct material input (DMI) 380
- Dodoo, A. 138
- Dolnicar, S. 106
- dolphin-safe label 309, 350
- domestic material consumption (DMC) 380
- droughts 59–60, 63
- dual-process models 246, 247
- Dunlap, R.E. 263

- early adopters 105, 166, 415
 Earth Overshoot Day 21
 Eckhardt, G.M. 419
 eco-efficiency approach 212
 eco-industrial parks 34
 Eco-invent database 148
 eco-labelling 9, 285, 293, 300–309, 343
 certification standards 306
 concern 303
 demand-side factors 306
 factors influencing purchasing decisions 301–6
 familiarity 304
 financial incentives 309
 framing and habit 305
 future directions 308–9
 marine resources 307–8
 monitoring and enforcement 306
 non-state labels 301
 non-tariff trade barriers 309
 norms 303
 perceived consumer effectiveness 303
 personal characteristics 302–4
 programme and product characteristics 304–6
 single-issue label 309
 socio-economic factors 304
 soft policy 301
 standard-setting 306
 standardization 304–5, 309
 state/government-sponsored 301, 305
 third-party certification 305–6
 trust 305–6
 Type I (ISO 14024) label or eco-seal 300–301, 302, 309
 Type II (ISO 14021) label 301
 Type III (ISO/TR 14025) label 301, 302
 voluntary labelling 305
 wood certification 306–7
 eco-toxicity, terrestrial and marine 132
 ecoinvent 287
 Ecolabel Index 353
 ecological footprint 24, 178, 209
 ecological modernization theory 84
 ecological sustainability 24, 195, 232–3
 economic growth slow-down 427–32
 economic input–output life cycle analysis (EIO-LCA) 288–9
 economic sustainability 267
 Edelman, B.G. 419
 Edwards, P. 232
 efficiency 20
 behaviours 339
 movement 54
 efficiency–sufficiency debate 27
 Ehrlich, P. 22
 Eisenhower, D. 404–5
 electricity sector 61–2, 278, 294
 elimination-by-aspect rule 245
 Ellen MacArthur Foundation report 35–6
 energy 61–3, 155, 294, 297, 377, 440
 coal 53–4
 consumption 268
 labels 291
 see also Energy Star
 efficiency 271, 309
 flows 34
 fossil fuels 53–4, 147
 heating 156
 natural gas 61–2, 166
 paradox 318, 323
 ration 138
 requirements 137
 use 154, 318, 320–21, 325
 see also electricity
 Energy Star (United States) 291, 294–5, 296, 304
 energy-related impact indicators 155
 Engelbert, A. 272
 environmental drivers 227–8
 Environmental Impact of Products (EIPRO) project 153–4
 environmental Kuznets curve 389–90
 environmental problem shifting 139–40
 environmental psychology 3–4, 70–80
 definition of sustainable consumption 70–71
 promoting sustainable consumption 75–9
 situational factors activating/deactivating values 73–8
 see also values
 environmental self-identity 73, 78, 79, 80
 environmental sustainability 267
 EORA database 152
 Epstein, S. 345
 Eriksson, L. 171
 ethics 4–5, 118–27
 animal welfare 194–5
 compliance duties 122–3, 126
 corporate 254
 duties, individual (duty to change one's lifestyle) 123–4
 duties to contribute one's fair share 124, 126
 environmental duties 121–4
 financial incentives 338
 flexitarianism 210, 211
 green or ethical consumerism 120
 intra- and intergenerational justice 118, 126
 justice, direct and indirect claims for 119
 mainstream sustainable consumption 120–21
 meat sector 194–5, 200–202

- new economic sustainable consumption 121
- normative concept of sustainable
 - development 118–20
- obligations: individual duties as imperfect
 - duties 124–6
 - perfect duties 125
 - promote, duties to 123, 126
- weak and strong sustainable consumption
 - 120
- weak versus strong sustainability 119–20, 126
- Europe 22, 153
 - carbon triage and carbon labelling 287
 - energy sector 61
 - flexitarianism (food styles) 211
 - historical background of sustainable consumption 52
 - industrial ecology and circularity 35, 38
 - knowledge brokerage 360
 - life cycle assessment 135
 - meat sector 203
 - obesity and public health 224–5, 228–9, 231
 - Resource-Efficient Europe 359–60
 - rising levels of consumption 57
 - sharing economy 411
 - Sustainable Consumption and Production and Sustainable Industrial Policy 359
 - transportation and travel 167–8, 170
 - waste 64, 65
 - water pressure 58–9
 - see also* European Union
- European Commission 36, 234, 235, 314, 359–60, 370
- European Environmental Agency (EEA) 23
- European Food Safety Authority (EFSA) 235
- European Parliament 234
- European Roundtable on Sustainable Consumption and Production (ERSCP) 363
- European Union 154, 155, 156–8
 - behavioural economics 318
- Confederation of the Food and Drink Industry (CIAA) 234
- decoupling resource consumption and economic growth 390, 391
- Directorate-General for Health and Consumers 314
 - ‘Diet, Physical Activity and Health’ 234
 - ‘Do The Right Mix’ 172
- Eco-label 293
- Ecodesign Directive 43, 387–8
- Energy Performance of Buildings Directive (EPBD) 185
- Green behaviour 314
- industrial ecology and circularity 36, 37
- Landfill Directive (1999) 64
- obesity and public health 232
- SCORE project 363
- Sustainable Development Strategy 233
- transportation and travel 164
- Union of European Beverages Associations 234
- waste 65
- Eurostat 150, 151–2, 164
- Evelyn, J. 52
- exceptors 106–7
- EXIOBASE database 152
- Externality Data and Input–Output Tools for Policy Analysis (EXIOPOL) project 154, 156, 157
- fair Earth share 22, 25
- FairTrade 111, 350
- family socialization 8–9, 268–78
 - behavioural costs 273
 - consumer socialization 269–70, 275
 - consuming less 276
 - energy-consumption-relevant behaviours
 - 270, 271–4
 - travel modes 271–2
 - warm water use and electricity 272–4
 - environmentally friendly products 274–5
 - family experiences and relevance for later consumption behaviours 276–7
 - food consumption, sustainable 275–6
 - from general processes to specific processes 270–77
 - impact-oriented acts 269, 278
 - intention-oriented acts 269, 278
 - norms and values 277
 - sustainable consumption 269
 - values, norms and intentions 277–8
- FAOSTAT 150
- Fellner, W.J. 394–409
- Fenton, A. 419
- fertility increase 22
- Filippa K 37
- financial incentives 203, 309
 - see also* promotion of sustainable consumption: financial incentives
- Finkelstein, E.A. 231
- Finland 28, 44, 108, 212, 235, 435
- Fischer, D. 269, 270
- fish stocks 21, 293
- Fitzmaurice, C. 415, 419, 421
- Flade, A. 272
- flexitarianism: sustainable food styles 7, 199, 201, 209–21
 - act-related consumption 212

- active segment 212
- animal welfare 212
- cheese 217, 218, 220
- clusters 209, 212, 220–21
- codes of conduct 209
- compulsive/very light meat consumers 216–19, 221
- conscious/heavy flexitarians 212, 216–19, 221
- convenience-oriented path 213
- dairy 209
- eco-efficiency approach 212
- eggs 209, 217, 218, 220
- empirical survey 213–19
 - analysis 217–19
 - appreciation of meatless meals 214–15
 - cluster 1 (meat lovers/light flexitarians) 215–19, 221
 - cluster 2 (unconscious/medium flexitarians) 216–21
 - cluster 3 (conscious/heavy flexitarians) 212, 216–19, 221
 - cluster 4 (compulsive/very light meat consumers) 216–19, 221
 - cluster 5 (potential/medium flexitarians) 216–21
 - dislike of animals as source of meat 214–15
 - importance of environment and animal-friendliness 214–15
 - medium flexitarians 216, 217, 220, 221
 - method 213–14
 - need for meat consumption 214–15
 - perceived positive health effects 214–15
 - perceived status of meat consumption 214–15
 - personal norms 214
 - preferred actions of societal institutions and neophobia 219
 - reported meat consumption and intentions 216
 - results 215–19
 - segmentation variables 216
 - socio-demographic variables 216
 - spending money on meat 214–15
- environmental factors 211–12
- ethical factors 210, 211
- fish 209, 217, 218, 220
- food styles 210–11
- health factors 211–12
- meat alternatives and meat reduction behaviour 218
- meat consumption 209
- meat lovers/light flexitarians 215–19, 221
- meat reduction studies 211–12
- motives for meat eating, meat reduction and meat avoidance 211
- mushrooms 217, 218
- nuts 218
- pathways towards flexitarianism 212–13
- potential/medium flexitarians 216–21
- product-related consumption 212
- pulses 217, 218
- strong sustainable consumption 212
- sufficiency approach 212
- sustainability by stealth 213
- tofu 218
- unconscious/medium flexitarians 216, 217–19, 221
- unwilling segment 212
- vegetarian burger 218
- vegetarians 211, 212
- Ward's method 215
- weak product-related sustainable consumption 212, 220
- Food Choice Questionnaire 210
- food sector 23, 39, 154, 156–8, 234, 440
 - apples 135
 - carbon triage and carbon labelling 292–4, 296
 - cereals 192
 - family socialization 268
 - knowledge brokerage 360, 361–2
 - life cycle assessment (LCA) 132, 134–6
 - nutrition 318
 - waste 232
 - see also* beef sector; dairy sector
- Ford, H. 429, 435
- Forest Stewardship Council (FSC) 306–7, 309, 343, 348–9
- forests/wood 52, 54, 138
 - certification 306–7
- fossil fuels 53–4, 147
- Foucault, M. 85, 87, 92, 97
- Fox, N. 210
- framing 227, 296, 305, 316, 318, 338–9
- France 52, 56, 61, 63, 65, 235
- Friman, M. 163–77
- Fuchs, D. 27
- Fuller, J.B. 257
- functional unit 133, 148
- future research 14–15
- Gabi software 148
- Galbraith, J.K. 394, 404, 405–6, 408
- Gardner, G.T. 271
- Gärling, T. 166
- Gatersleben, B. 131
- general regulatory focus measure (GRFM) 263
- genuine progress indicator (GPI) 389

- Germany 155
 behavioural economics 320
 family socialization 272, 276
 industrial ecology and circularity 409
 material efficiency 379
 meat sector 193–4, 199–200, 202, 204
 Nutrition Society 196
 obesity and public health 232
 Raw Materials Resource Strategy 35
 RWE 61
 Sustainability Code 347
 transportation and travel 171, 172
 waste 63–5
see also Blue Angel; *and under* decoupling
- Giddens, A. 41, 85, 86, 87, 89–90, 92, 93
- Girod, B. 136
- Global Footprint Network 21, 379
- Global Reporting Initiative (GRI) 343, 347, 348, 350–51
- global warming 135, 147
 global warming potential (GWP) 134–5, 140–41, 154–6
- Golob, T.F. 303
- González, A.D. 135, 136
- Goodwin, P. 165
- Gosling, S.D. 262
- Gould, J. 303
- Gram-Hanssen, K. 94, 273
- Grankvist, G. 303, 305
- Great Transition scenario 28
- Greece 64, 226, 287
- green consumerism 20–21, 43, 120, 210, 275, 277
- green economy 27
- green governmentality 87
- green growth agenda 27
- 'green keyhole' 235
- green-soc innovations 390
- green-tech innovations 386, 390
- Greenhouse Gas Protocol 297
 Product Life Cycle Accounting and Reporting Standard 288
- greenhouse gases (GHGs) 23, 150, 153, 157, 232–3, 275, 364, 414
 decoupling resource consumption and economic growth 386
 life cycle assessment 134, 135–6, 140, 142
 meat sector 195
 methane levels 51, 134–5, 154
 nitrogen/nitrous oxide emissions 22, 51, 64, 135
 transportation and travel 163, 165, 172
see also carbon dioxide; carbon triage
- Greenpeace: Greenwash campaign 300
- greenwashing 112, 300
- Grønhøj, A. 273–5
- gross domestic product (GDP) and growth 27, 147, 150, 377, 380, 383–4, 389
- Grun, B. 106
- Gunning, J.P. 398–9, 408
- Gustavsson, L. 138
- Gwozdz, W. 275
- Haber–Bosch process 64
- Hackman, R.J. 257
- Halkier, B. 94–5, 97
- Handy, S. 167
- Hansen, U. 264
- happiness 24, 28, 147, 380, 389
- hard paternalism 203–4
- hard policies 173, 301
- Hargreaves, T. 94
- Harvey, M. 96
- Hauptstock, D. 377–93
- Haustein, S. 272
- Hawkins, T.R. 140–41
- Hayek, F. von 401
- health factors 24, 194, 196, 211–15
see also obesity and public health
- Heinen, E. 168
- Heiskanen, E. 108, 364
- Hennicke, P. 377, 378, 380–81, 383, 385, 386, 387, 391
- Hernandez, P. 138
- Hertwich, E.G. 39, 14
- heuristics 77, 227, 317
- Hewlett-Packard 291
- Hindess, B. 88
- historical background to sustainable consumption: ideas, resources and practices 3, 51–66
 idea of sustainability 52–6
see also rising levels of consumption
- Hobbes, T. 397
- Hoek, A.C. 212
- Holden, J. 22
- Holland, R. 246
- Hopwood, B. 103
- household metabolism 34–5
- housing sector 6, 23, 154, 156, 157, 158, 178–89
 bottom-up approach 185–6
 comparative study 179
 as consumption, material structure and meaning 184–7
- Denmark 178–86
 eco-villages 185, 186
 electric lighting appliances 183–4, 186
 Elsparefonden 186
 and energy use 39, 182
 energy-efficient buildings 137–8, 180–82, 185

- explicit knowledge elements (competences) 183
- family socialization 268
- habits and consumption 182–4, 186–9
- historical approach 179
- implicit non-verbal habits 183
- information and communication technology (ICT) 183–4
- knowledge brokerage 183, 187–8, 360, 361
- life cycle assessment (LCA) 139
- meanings 183, 187
- one-person households 186–7
- ‘ordinary’ buildings 180
- policy for sustainable housing sector
consumption 187–9
- practice theories 182–3, 187
- rebound effects 180–81, 188
- renovation projects and urban renewal 185
- shelter 132, 137–8
- social innovation in United States 430
- technologies 179–84, 187–8
- top-down approach 185–6
- Hukkinen, J.I. 28
- Human Development Index 147
- Hume, D. 57, 395–6
- Hungary 64, 225, 235
- Hutt, W.H. 397–8
- hyperbolic discounting 227
- ILCD database 148
- image concerns 336–7
- impact assessment 23, 131–2, 148–9, 289
- impact-oriented acts 269, 270, 278
- India 63, 193, 379, 390, 432
- individualism 85–6
- industrial ecology and circular economy 2–3, 33–44
- circularity principle 33
- consumption: from passive transaction to dynamic interaction 39–40
- end of life: from waste management to ‘zero waste’ and urban mining 40–41
- implications for advancing sustainable lifestyles 41–3
- linear economy, unsustainability of 33–4
- nature, lessons from, for benefit of society 34–5
- policies, enabling 43–4
- product design: from throwaway junk to multi-life goods 36–7
- production: from throughput to cascaded remanufacturing 37–8
- retail: from sales to re-commerce 38–9
- industrial metabolism 34
- industrial revolution 51
- inertia and procrastination 315–16, 321, 322
- information 173, 203, 236, 300, 364, 402–3
- informational cascades 324
- input–output (IO) models 287, 380–81, 385, 387
- input–output tables (IOTs) 148, 149–51, 152, 153, 154
- environmentally extended (EE) 148, 149, 150, 152
- multi-regional (MR) 151, 152
- industry-by-industry 150
- product-by-product 158
- instrumental efficiency argument 394, 397, 400–401
- intention-oriented acts 269, 278
- Intergovernmental Panel on Climate Change (IPCC) 14, 285
- internalities 313, 315
- International Organization for Standardization (ISO):
- Consumer Policy Committee (COPOLCO) 352
- Corporate Responsibility Management Systems Standards (CR MSSs) 352
- Council 352
- ISO 9001 345
- ISO 14021 301
- ISO 14024 300–301
- ISO 14040 133, 134, 148
- ISO 26000 343, 347–8, 352, 354
- ISO/IEC 1996 345
- ISO/TR 14025 301
- ISO/TS 14067 288, 297
- voluntary standards 343, 345, 347–8, 352–4
- interventions effect 249–50
- IPAT formula (impact/population/affluence/technology) 22–3
- Ireland 235
- Israel 331
- Italy 52, 56–7, 63
- Itard, L. 138
- Jackson, T. 105, 107
- Jakobsson, C. 170–71
- Janda, S. 210
- Jansson, J. 166
- Japan 57, 153, 390
- Cool Biz campaign 63
- industrial ecology and circularity 35, 409
- social innovation 426, 435
- transportation and travel 172
- waste 64, 65
- Jensen, J.D. 235
- Jevons paradox 23, 127
- Jevons, W.S. 127, 396

- Johannesburg Summit (2002) 359
 Johansson, L.-O. 172
 Johansson, M. 272
 John, D.R. 277
 Johnson, B. 127
 Joireman, J. 263
 Jones, C.H.D. 250
 Jones, P. 111
- Kaidesoja, T. 98
 Kaliner, M. 434
 Kant, I. 125
 Kapp, K.W. 405, 408
 Kardash, W.J. 106
 Kaufman, K. 434
 Keil, T. 210
 Kenny, P. 138
 Kenworth, J.R. 167
 Kilbourne, W.E. 104
 Kim, H.C. 138
 Klöckner, C.A. 272
 Klunder, G. 138
 knowledge brokerage 11, 359–70
 brokerage strategy 366
 collaborating development 366, 368
 consulting 366
 CORPUS (case study) 366–70
 engagement pyramid 365, 366, 368
 evidence on demand, provision of 369
 future research 368–70
 information provision and quality 365–6, 368
 joint action 365
 knowledge collaboration facilitation 369
 knowledge system framework 365
 matchmaking 366
 nurturing relationships 365, 368
 policies and research 359–61
 political system 363
 science–policy gap 361–6
 social change framework 365
 socio-ecological system 363
 transactional framework of knowledge 365
- labelling 112, 203–4, 343, 362
 products 347, 349–50, 361
 and standards distinction 346
 voluntary 293
 see also carbon triage and carbon labelling system; eco-labelling
- Labouze, E. 154, 158
 land 21, 51, 52–3, 153
 use 150, 154, 156–8
 Landor Associates 108–9
 Latin America 165
- Latvala, T. 212, 220
 Lauterbach, D. 418
 Lave, L.B. 140
 Lawler, K. 105, 106
 leap-frogging 378–9, 390
 Leonidou, L.C. 111–12
 Leontief model 133, 152
 Levi 37
 libertarian (soft) paternalism 203, 314–15
 life cycle assessments (LCAs) 5, 20, 131–42, 147–8, 153–4, 288–9
 carbon triage and carbon labelling 294
 decoupling resource consumption and economic growth 380
 food sector 134–6
 goal and scope definition 133
 housing sector 137–8, 139
 impact assessment 133, 134
 interpretation 133–4
 inventory analysis 133–4
 knowledge brokerage 362
 societal sustainability assessments 141–2
 structure 133–4
 transportation and mobility 138–41
 life cycle impact assessment (LCIA)-based indicator of resource depletion potential 153–4
 life cycle inventory (LCI) 148–9, 151, 153, 158
 life expectancy 22
 life satisfaction 380, 389
 lifestyle-related factors 90, 124–5, 194, 197–8
Limits to Growth (Meadows report) 54
 Limonond, T. 167
 linear economy, unsustainability of 33–4
 Litman, T. 165
 local living economy 440
 Locke, J. 397
 Lorek, S. 27
 Lotade, J. 350
 Loureiro, M.L. 350
 Lovio, R. 108
 LOVOS (Lifestyle of Voluntary Simplicity) 27
 Luca, M. 419
 Luchs, M.G. 109, 257, 302
- McCarthy, E.J. 108
 McCormick, B. 230
 McDonald's 289
 McDonald, S. 106–7
 Mackett, R.L. 164
 McKinsey 381
 MacLean, H.L. 140
 McLean, R. 362, 365
 McMahan, J. 198
 McMeekin, A. 96

- maker movement 40
 Marckmann, B. 186
 marine resources labelling 307–8
 Marine Stewardship Council (MSC) 307–8, 309, 343
 market ideal argument 394, 397, 398–400
 marketing *see* sustainability marketing
 Marks and Spencer: Plan A communications materials 111
 Marrakech Process 55, 359
 Martinsson, J. 273
 Marx, K. 396
 materiality 92–3
 materials extraction 150, 156
 materials flows 20, 34, 51, 53
 materials productivity 378–9
 Matthies, E. 270, 272, 274
 meat sector: sustainable consumption 7, 26, 158, 192–205, 292
 animal products 193–4
 animal welfare 201, 204
 attitudes, changing 197–8
 beef 134–5, 192, 193, 275, 291–3, 353
 benign carnivores (consumer group) 198–9, 204–5
 certification systems 204
 characteristics of sustainable meat consumption 194–7
 cluster 1 (bad influence) 199, 200–201
 cluster 2 (low meat consumer) 198, 200–201
 cluster 3 (indifferent heavy meat consumer) 200–201
 consumer-oriented policy measures 203
 consumption of meat 200–201
 ecological aspects 195
 ethical issues 194–5, 200–202
 feed conversion rate 193
 financial incentives (economic instruments) 203
 ‘five freedoms’ 194–5
 five-cluster solution 200–201
 flexitarians 199, 201
 hard paternalism (command and control) 203–4
 health-related factors 194, 196
 information/education, consumer 203
 labelling 203, 204
 less meat/better meat approach 197, 198, 204
 libertarian (soft) paternalism 203
 life cycle assessment 134–5
 lifestyle-related factors 194, 197–8
 ‘nudging’ 203
 obligations 203
 ‘peak meat’ 198
 policy measures 202–4
 pork 135–6, 193, 293
 poultry 136, 193, 196, 293
 prohibitions 203
 quantity–quality dilemma 198–202, 204–5
 confirmatory factor analysis 200
 empirical results 199–202
 typology of meat consumers 198–9
 rebound effects 196–7
 regional differences 193
 regulatory requirements 203
 shifters (consumer group) 199, 204–5
 social aspects 195
 socio-demographic characteristics 193, 198
 and sustainable consumption 192–3
 taxes or subsidies 203
 trade-offs 196–7
 Ward method 200
 willingness to pay 200–201
 mediation junction 96
 mediation model 256, 264
 methane levels 51, 134–5, 154
 Mexico 235
 Meyerhoefer, C. 231
 Michaels, S. 365–6
 Microsoft 290
 Middle East 224, 287
 Middlemiss, L. 94
 Milà, i Canals, L. 135
 Millard-Ball, A. 165
 Miller, R.A. 254–67
 mindful consumption 265, 440
 Mirowski, P. 396, 401
 mobility *see* transportation and travel
 moderation model 256, 264
 Mont, O. 360
 Morris, W. 396
 Morrison, E.W. 257
 mortality decline 22, 147
 Moschis, G.P. 269
 motivation 246, 278
 motivation–ability–opportunity model 105
 multi-level perspective (MLP) of socio-technical transitions 96
 Nakao, A. 418
 National Obesity Observatory 231
 natural gas 61, 62, 166
 need for cognition (NFC) 262
 Nemry, F. 154
 neoclassical economics 394–5, 396, 397, 400–401, 405–6
 neoliberalism 395, 401
 Netherlands 57, 63–4, 155, 204, 435
 flexitarianism (food styles) 211–13, 219–20
 theories of practice 95, 96

- Neumayer, E. 27
- neutrality principle 122–3
- new economic sustainable consumption 121
- new economy movement 27
- new environmental paradigm (NEP) 263
- new social movements 26
- new welfare economics 400, 408
- Nicolini, D. 85
- Niemeier, D.A. 167
- Nijdam, D.S. 154, 156
- nitrogen/nitrous oxide emissions 22, 51, 64, 135
- Nitzko, S. 192–308
- Niven, R.K. 140
- Noblet, C.L. 303
- non-governmental organizations (NGOs) 294, 351, 354
- Nordic ‘green keyhole’ 235
- Nordic Swan (eco-label) 300, 302, 304, 305, 350
- norm activation model (NAM) 79, 105, 254, 264, 277
- normative concept of sustainable development 118–20
- North America 287
see also Canada; United States
- Norway 135, 154, 155, 234
- ‘nudging’ 203, 236, 314, 318, 325, 360
- Nutley, S. 362
- nutrition *see* food sector; obesity and public health
- Nutrition, Obesity and Physical Activity (NOPA) 234
- obesity and public health 7, 224–37
beverages 232
body mass index (BMI) 227, 230, 232, 275
childhood obesity 225–6, 275
codes of conduct on marketing/advertising aimed at children 234
dairy products 232
dietary guidelines 235
ecological sustainability 232–3
economic sustainability 231–2
educational programmes 236
environmental drivers 227–8
food industry 234
food waste 232
fruit and milk schemes in schools 236
functional food 234
general daily allowances (GDAs) 235
government policies 229
health expenditures 231–2
health promotion 235–6
human ecological model 226
indirect costs 231–2
individual drivers 227
individual/societal challenge 224–6
information-based public campaigns 236
meat 232–3
Mediterranean diet 229
Nordic ‘green keyhole’ 235
obesogenic environment/society 228, 237
physical activity promotion 236
policy interventions 233–5
potential nexus 224
prevalence worldwide 225
product reformulation 234
productivity, losses in 231–2
social drivers 227
social sustainability 229–31
societal drivers 228–9
socio-economic factors 230–31
taxation on foods 235
‘traffic light’ system 235
unsustainable consequences 229–33
vegetarian diets 233
water use 232–3
weight-related stigma/discrimination 230
- obsolescence of desire 36–7
- Ogilvie, D. 250
- oil crises 61, 62
- Oldham, G.R. 257, 362, 365
- Oosterveer, P. 90–91
- opt-out/opt-in offers 320, 322–3
- optimistic bias 317
- Ordway, S. 54
- Organisation for Economic Co-operation and Development (OECD) 35, 147, 192, 197, 389, 432, 435
Consumer Policy Toolkit 314
Towards Sustainable Household Consumption? 55
- O’Rourke, D. 353
- Ortner, S. 87
- Oslo Symposium on Sustainable Consumption 55
- Osterhus, T. 107
- Ott, M. 418
- Ouellette, J.A. 247
- Overgoor, J. 418
- Oywang, J. 415
- Ozanne, L.K. 419
- packaging 112, 294
- Palm, V. 154
- Panta Rhei model 386
- Pantzar, M. 93
- Paredis, E. 94
- particle emissions reduction 165, 170
see also greenhouse gases

- Peattie, K. 106
- peer-to-peer (P2P) provisioning 440
- Pelletier, N. 292
- perceived consumer effectiveness (PCE) 106, 303
- perceived consumer social responsibility 107–8
- percolation models 166–7
- Perera, Y. 419
- Persky, J. 398
- personal norms (PN) 79, 255, 264
- Peters, G.P. 154
- Pettersson, A. 276
- Phelps, C.C. 257
- Philips 38
- Piaget, J. 277
- Pinker, S. 209
- planetary boundaries 377, 379, 390
- planned behaviour theory 105, 210
- Plehwe, D. 401
- political instrument argument 394, 397–8
- population 22, 147
- portfolio model/approach 88, 95, 166
- Portugal 64
- poultry 136, 193, 196, 293
- Povey, R. 210
- power over preferences 405–6
- priorities for sustainable consumption policies 5–6, 145–58
 - bottom-up approach 147–9
 - Earth's natural system enveloping the global economic system and source and sink function of nature 146
 - practical analyses 153–7
 - reflections and implications 157–8
 - sustainability problem 145–7
 - top-down approach 149–52
- pro-environmental behaviour 76–80, 166, 249, 277, 335–7, 340
- pro-social behaviour 264, 302
- pro-sustainability consumption behaviours (PSCBs) 104, 106, 107, 113
- pro-sustainability marketing 106
- probability assessment 317
- producer responsibility 35
- producer responsiveness 292–3
- product design: from throwaway junk to multi-life goods 36–7
- product–service systems 35, 103
- production chains 23
- production and consumption, relationship between 84, 95
- production of goods and services 267
- production–consumption continuum 36
- Programme for International Student Assessment (PISA) 435
- promotion of sustainable consumption:
 - financial incentives 10, 263, 328–40
 - cognitive impact of money 329
 - decision frame 331–3
 - image concerns 336–7
 - incentives may not affect broader types of sustainable consumption 339–40
 - incentives may not improve target behaviour 338–9
 - incentives may only affect behaviour temporarily 339
 - instrumental value of money 329
 - normative considerations 331–2
 - pro-environmental actions 335, 336–7, 340
 - psychological impacts 331–7
 - risk and potential remedies 337–40
 - self-concept 333, 335–6, 337, 339–40
 - self-interest (economic) 328, 332, 336
 - self-persuasion 333–6, 339–40
 - tainting of signal ensuing from sustainable actions 336–7
- Prospective Studies Collaboration 230
- prosumerism 43
- prosumption 440
- Prothero, A. 114
- Pucher, J. 164
- Putnam, R. 417
- quality of life 122, 382–3
 - see also* happiness; life satisfaction
- quantity–quality dilemma *see* meat sector: sustainable consumption
- Rasche, A. 343, 346, 348
- ratio scales 295
- rational choice theory 88, 313, 330, 400, 402–3, 406–7, 408
- raw material consumption (RMC) 380
- raw material input (RMI) 380
- Rawls, J. 122
- rebound effects 23, 127, 180–81, 188, 196–7, 360
 - decoupling resource consumption and economic growth 380, 384, 387, 391
- Reckwitz, A. 85
- recycling 35, 37, 40, 42–3, 63, 64–5, 267
 - consumer habits 244
 - family socialization 277
 - financial incentives 328, 338–9
 - in-process 34
 - sustainability marketing 104
- Redman, L. 168–9
- regulatory focus (promotion focus) 262–3
- Reisch, L.A. 28, 40, 192, 209, 228, 229, 232, 275, 315, 317, 320, 321, 361

- remanufacturing/reverse logistics system 35
- repair 37, 40, 43
- resource conservation strategy 386–7
- resource consumption indicators 380–81
- ‘Resource Efficiency and Sustainability in the Financial Sector’ inquiry commission 388
- resource extraction 21, 157, 379
- resource intensity 414
- resource scarcity states 431–2
- resource-based key performance indicators (R-KPI) 388
- responsibilization of consumer 87
- retail: from sales to re-commerce 38–9
- reuse 34, 35, 37, 42, 43, 64
- reverse manufacturing 38
- Richardson, N. 211
- Rio+20 Conference (2012) 147, 359
- rising levels of consumption 56–65
 - energy 61–3
 - outlook 65–6
 - waste 63–5
 - water pressure 58–60
- Roberts, I. 232
- Rockström, J. 21–2
- Roe, B. 305
- Roese, N.J. 263
- Rogers, E.M. 166
- Rölle, D. 171
- Romania 225, 235
- Røpke, I. 92
- Rostow, W. 56, 432–3
- Rothberger, H. 210
- Rothenberg, J. 403
- Rothschild, E. 54
- Roy, D. 250
- Roy, P. 136
- Ruby, M.B. 194
- Ruskin, J. 396

- SA 8000 348, 355
- Sassi, F. 230
- satisficing rule 245
- savings 319–20, 325
- scaling up 148, 153
- Schatzki, T. 85, 87, 92, 94, 97, 183
- Schipper, L. 165
- Scholl, G. 212, 360, 361, 367, 368
- Schor, J.B. 37, 43, 406, 410, 411, 415, 419, 421, 422, 433, 436
- Schösler, H. 213
- Schrader, U. 264
- Schuitema, G. 171
- Schwartz, S.H. 255–6, 257
- science–policy gap 361–5

- SCORAI initiative (Sustainable Consumption Research and Action Initiative) 363
- SCORE (Sustainable Consumption Research Exchange) 370
- second-hand goods/shopping *see* connected consumption
- Sedjo, R.A. 350
- self and communal cultivation and fabrication 441
- self-concept and financial incentives 333, 335–6, 337, 339–40
- self-interest (economic) 210, 328, 332, 336
- self-monitoring feedback techniques 168
- self-persuasion and financial incentives 333–6, 339–40
- self-regulation 74–5, 77
- Setiffi, F. 419
- Seyfang, G. 25
- sharing economy *see* connected consumption and collaborative consumption: sharing economy
- Sheth, J.N. 265
- Shewmake, S. 290
- Short List of Effective Actions 271
- short-termism 43
- Shove, E. 56, 87, 88–9, 91–7, 183
- SIMAPRO software 148
- Simpson-Bowles Commission (National Commission on Fiscal Responsibility and Reform) 430
- Singapore 170
 - Stock Exchange 351
- Sinnott-Armstrong, W. 123
- situational cues/factors 73–80
- Smed, S. 235
- Smith, A. 25, 53, 57, 395, 396
- social desirability bias/effects 308, 350
- social indicators 24
- social influence strategies 79, 316–17
- social innovation in United States 12–13, 426–36, 440–41
 - car manufacturers 429–30
 - collaborative consumption/sharing economy 440
 - demographics 428
 - economic growth slow-down 427–32
 - energy production 440
 - food production 440
 - Generation Y-ers 429–30, 435
 - household income 428–9
 - housing sector 430
 - local living economy 440
 - mindful consumption 440
 - new consumer sensibilities 429–30
 - peer-to-peer (P2P) provisioning 440

- political paralysis 430–31
- post-consumerist future 432–4
- prosumption 440
- resource scarcity 431–2
- self and communal cultivation and fabrication 441
- unconsumption 441
- social multiplier effect 227
- social norms 316–17, 324, 325, 345
- social practice theory 26
- social sustainability 267
- Socially Responsible Purchase and Disposal Scale 104
- societal sustainability assessments 141–2
- socio-demographic factors 105, 193, 198, 216, 428
- socio-economic factors 230–31, 304
- sociology of sustainable consumption 87–8, 361
- soft paternalism 173, 203, 314–15
- soil 21, 52
- South America 225
- South Asia 225–6
- Southern Africa 224
- Southern America 230
- Southerton, D. 96
- Southworth, F. 164
- Spaargaren, G. 87, 88–9, 90–91, 93, 95, 96
- Spain 61
- Spash, C.L. 402, 403
- Sperling, D. 165
- Spiller, A. 192–308
- spillover effects 182, 251
- SPREAD project 25, 26
- Stack, C.B. 410
- Stahel, W. 35
- standardization 304–5, 309, 343, 345
- Steen-Olsen, K. 131–44
- Steg, L. 256, 264
- Stern, P.C. 142, 257, 271, 309
- Stigler, G. 401
- Stiglitz, J. 427
- Stone, I. 230
- strong sustainability 27, 119–20, 126, 178
- strong sustainable consumption 27, 212
- structuration theory 86–7, 89, 90
- structure and agency 85–7
- subsidies 77, 78, 203
- sufficiency approach 24–5, 212, 278
- Summerville, A. 263
- Sunstein, C.R. 28, 203, 227, 236, 313, 314, 315, 316, 317, 321, 322, 323, 324, 360
- supply and use tables (SUTs) 149–53
- sustainability by stealth 213
- sustainability liability 302
- sustainability marketing 4, 101–114
 - advertising 110
 - attitude–behaviour (value–action) gaps 107
 - communications media/messages 110–112
 - consistency in consumer behaviour 105–7
 - consumer behaviour modelling 104–5
 - consumers, understanding 104–8
 - cost–price issues 109
 - distribution 109
 - ecological marketing 102
 - environmental marketing 102
 - evolving relationship 101–4
 - future research 113–14
 - greenwashing 112
 - interactive marketing 111
 - macro-marketing 103–4
 - marketing mix: influencing consumer 108–112
 - marketing research 104
 - micro-marketing 103–4
 - offerings to consumers 108–9
 - packaging and labelling 112
 - perceived consumer social responsibility 107–8
 - point-of-sale 111
 - public relations, sponsorship and events 111
 - sales promotion 110
 - scepticism, uncertainty and trust 107
 - segmentation of consumer markets 105
 - selling 110
 - services marketing 103
 - social marketing 103, 112–13
 - sustainable marketing 102
- sustainable consumption and production (SCP) 359
- Sustainable Forestry Initiative (SFI) 307, 349
- Swallow, S.K. 350
- Sweden 135, 155, 179, 272
 - obesity and public health 226, 234, 236
 - Think Twice! (SCP programme, abandoned) 360–61
 - transportation and travel 164, 169, 170–72
 - waste 64, 65
- Switzerland 204, 225
- System of National Accounts (SNA) 149–51
- systemic challenge: inter- and trans disciplinary research questions 2, 19–20, 21
 - empirical evidence on unsustainable consumption 21–4
 - health and social problems in relation to income inequality 24
 - sustainable world population at different consumption levels 22
 - systemic change, striving towards 224–8

- Takahashi, N. 418
 'Take Back Your Time' (United States) 28
 taxation 77, 122–3, 203, 235, 360, 388
 technical cooperation policies 378
 Teisl, M.E. 305, 350
 tell-tale heart effect 289
 Tellus Institute Great Transition Scenario 25
 Tesco 285–6
 theories of practice 4, 84–98
 agency, change and convergence 92–5
 components 86
 development 85–7
 housing sector 182–3, 187
 practice as accomplishment 85
 practice as activity 85
 practice as discourse 85
 practice as entity 86
 practice as performance 86
 practice as tradition and community 85
 prospects 95–7
 social practice 85
 sociology of sustainable consumption 87–8
 strong version of practice 92–4
 two-practice-theoretical programmes 88–92
 citizen-consumers at consumption junction 90–91
 conventions, competence and kit 91–2
 Thøgersen, J. 13, 110, 166, 249–50, 273–5, 277, 302, 304, 332
 Timmermans, S. 345
 tipping points 377, 390
 Toffler, A. 433
 top-down approach 148–53, 155, 158, 185–6
 Torre, D. 400
 total material consumption (TMC) 380
 total material requirement (TMR) 23, 380
 'traffic light' system 235
 transportation and travel 6, 23, 39, 154, 156, 157, 158, 163–74
 accessibility, increase in 167
 alternative travel modes 167–9
 automobile use reduction methods 169–73
 information 172–3
 pricing 169–72
 prohibition 169
 car manufacturers in United States 429–30
 carbon triage and carbon labelling 294, 297
 clean automobile technology 165–7
 eco-driving 172
 electric vehicles (EVs) 166, 297
 electrical versus conventional cars 140–41
 family socialization 268
 fuel cycle (well-to-wheel) 140
 fuel-efficiency and financial incentives 328
 knowledge brokerage 360, 361
 life cycle assessment (LCA) 132, 135, 138–41
 peak car use 164–5
 personal travel unsustainability: automobile use 164–5
 public transport service quality attributes: definitions 168
 seamless transportation 169
 tank-to-wheel 140
 unsustainability 163–4
 vehicle cycle 140
 well-to-tank 140
 Trentmann, F. 55, 57, 59, 63
 Trocchia, P.J. 210
 trust 107, 305–6
 Tukker, A. 27, 35, 39, 103, 108, 132, 134, 147, 152, 153, 154, 155, 156, 157, 158, 178, 209, 268, 275, 360, 361, 370
 two practice-theoretical programmes 88–92
 Tyedmers, P. 292

 uncertainty 107, 364
 unconsumption 441
 United Kingdom 155
 Behavioural Insights Team 314
 consumer habits 244, 249
 Department for Environment, Food and Rural Affairs (Defra) 243
 energy sector 61–2, 63
 flexitarianism (food styles) 211
 historical background of sustainable consumption 51, 52–3
 housing sector 180
 industrial ecology and circularity 37
 life cycle assessment 135
 meat sector 204
 obesity and public health 225, 226, 229, 230, 231, 232, 235
 rising levels of consumption 56–7
 social innovation 435
 sustainability marketing 111
 Sustainable Practices Research Group (SPRG) 93
 theories of practice 95
 transportation and travel 164, 166, 170, 172
 waste 63–4
 water pressure 58–60
 United Nations 132, 229
 Conference on Environment and Development (Rio de Janeiro)(1992) 1, 55, 359
 Environment Programme (UNEP) Resource Panel study 157
 Environment Programme (UNEP) Sustainable Consumption and Production (SCP) Framework 55–6

- Framework Convention on Climate Change 285
 Global Compact 343, 346, 354–5
 10-Year Framework of Programmes 363
 World Commission on Environment and Development (WCED) *see* Brundtland Commission
 United States 20, 24, 153
 Behavioral Insights Unit 314
 behavioural economics 319–20, 322, 324
 carbon triage and carbon labelling 285, 287, 293, 296–7
 Carlsbad Desalination Project (California) 60
 consumer habits 244
 consumer responsibility 259, 262
 decoupling resource consumption and economic growth 390
 Department of Agriculture 318, 319
 Department of Energy 320
 energy sector 61–3
 Environmental Protection Agency (EPA) 65, 295, 304
 Federal Housing Administration 61
 financial incentives 330
 Fiscal Year 2013 Budget 404
 Food Pyramid (abandonment) 319
 historical background of sustainable consumption 52
 housing sector 179
 industrial ecology and circularity 37
 life cycle assessment 135, 138–9
 meat sector 193
 obesity and public health 224, 226, 228, 230, 231–2, 236
 sharing economy 410, 411, 413, 417
 transportation and travel 164, 167–8, 172
 voluntary standards 350
 waste 63–4
 water pressure 58
 see also Energy Star
 unsustainable consumption 21–4
 upcycling 35, 40
 urban metabolism 34
 urban mining 40–41
 urban planning 44

 value–belief–norm theory (VBN) 105, 277
 values 71–3, 79–80
 altruistic 71–2, 74–9
 biospheric 71–9
 conflicting 74
 consumer habits 246
 egoistic 71–4, 76–9
 hedonic 71–4, 76–9
 pro-environmental 249, 256
 pro-social 256
 self-enhancement 71
 self-transcendence 71, 73
 situational factors activating/deactivating 73–5
 targeting process variables through which values affect behaviour 78–9
 van der Zwan, F. 103
 van Koppen, C.S.A. 91
 van Wee, B. 167
 Vanclay, J.K. 290–91
 Vandenberg, M.P. 295
 Vanhonacker, F. 212, 220
 vegetarianism 194, 199, 201, 204–5, 233
 Verain, M. 212, 221
 Vergragt, P. 20
 Verplanken, B. 246–50
 Vilhelmson, B. 164
 Viner, J. 398
 Voget-Kleschin, L. 119, 120, 123, 126, 127
 voluntary agreements 234
 voluntary downshifting 27
 voluntary instruments 55
 voluntary labelling schemes 293
 voluntary simplicity movement 26–7
 voluntary standards 10–11, 343–55
 business-to-business certification 348, 355
 certification standards 346, 347–8, 349, 354–5
 civil society actors 348
 coercive pressure 344
 competing products 353
 consumer groups 352
 corporate sustainability and responsibility 346–9, 350–52, 354
 de facto standards 345
 definition 344
 design standards 345
 enablers of sustainable consumption 349–53
 Global Reporting Initiative (GRI) 350–51
 governments 348
 as impediments to sustainable consumption 353–4
 influencing discourse on sustainable consumption 352–3
 International Standards Organization (ISO) 343, 345, 347–8, 352–4
 labelling schemes 343
 labels and standards distinction 346
 legitimacy, perceived 344
 monitoring and auditing mechanisms 353–4
 multi-stakeholder initiatives 348–9
 performance standards 345

- principle-based standards 346, 348, 355
- process standards 345, 347–8
- product labels 347, 349–50
 - as providers of product-specific market signals 349–52
- regulative authority 344
- reporting standards 347, 354
- soft law 346
- specific types of rules 344–5
- standardization 343, 345
- sustainability reports 343
- technical standards 345
- terminological standards 345
- third party endorsements 351–2
- types of standards 346–8
- voluntary reporting 351
- von Blottnitz, H. 140
- von Carlowitz, H.C. 52, 54
- von Mises, L. 398–400
- Voordouw, J. 220

- Waddock, S. 343
- Wal-Mart 291, 307, 429
- Walker, I. 249
- Wallis, H. 268–81
- Wang, Y.F. 418
- Ward, K. 210
- Ward method 200, 215
- Warde, A. 86, 87, 94, 183
- waste 63–5, 156, 277
 - hazardous 65
 - management 40–41
 - minimization 244
 - ‘zero waste’ 40–41
- water 153, 154, 156
 - gap 147
 - pressure 58–60
 - use 150, 156–8, 232–3
- Watson, M. 93
- weak sustainability 27, 119–20, 126, 178
- weak sustainable consumption 27, 120, 212, 220
- Webb, D. 104

- Welch, D. 84–100
- welfare preference paradox 204
- well-being 24–5, 28, 43
- Wheeler, K. 94
- White, K. 107
- Willard, T. 365
- Williams, A.G. 135
- Williams, J. 53, 54
- willingness to pay:
 - carbon triage and carbon labelling 290
 - consumer responsibility for sustainable consumption 257–8
 - eco-labelling 302–5
 - meat sector 200–201
 - sustainability marketing 106, 109
 - voluntary standards 350
- Wilting, H. 154, 156
- wood *see* forests/wood
- Wood, R. 135
- Wood, W. 247
- Working Group III (WGIII) on climate change mitigation 14
- Working Groups I and II (WGI and WGII) on human activity and global warming 14
- World Business Council for Sustainable Development 297, 379
- World Cancer Research Fund 196
- World Health Organization (WHO) 224, 225, 233–4
- World Population Prospects* 22
- World Resources Institute 297
- World Trade Organization (WTO) 295
- World Watch Institute: *Transforming Cultures* (2010) report 22
- World Wide Fund for Nature (WWF) 203
 - Climate Savers programme 291

- Xerox 38

- Yli-Kauhaluoma, S. 92

- Zajonc, R. 304
- Zelizer, V.A. 415, 417