Index

Albatross model 175–6
Anthony, J. 111
Arentze, T. 175, 178
Australia 18, 163

Bae, Chang-Hee Christine 4, 5, 36–53, 278
Barlow, J. 63, 70
Barton, Hugh 10, 193–208, 280–81
Belgium
anti-urban policy 133
brownfield redevelopment 8, 141
de-concentrated bundling 139–40
development patterns 28
‘dwelling code’ 142
energy consumption 144
environmental issues 130, 131, 133, 134, 138–9, 144
Flanders 124–46
Ghent Canal Area project 141
governmental structure and competencies 126–8, 141–3
Habitat Forum 137, 143
housing, affordable 8, 124–46
housing, building costs and selling prices 133–5
Housing Code 137
housing costs 138
housing finance 138
housing, one-family 134
housing, one-parent 137
housing, singles 137
housing statistics 134, 136
housing stock and policies 8, 133–7, 143
immigration 134–6
industrial areas 131
infrastructure 130, 138, 143, 144
integrated approach, area-specific 141
land use regulation 8, 131, 143
libertarian attitude 129, 131
Louvain-la-Neuve case study 181–2
mobility patterns 130
municipal policy 127, 128, 141, 142, 143
networking 141
NIMBY attitudes 140
owner-occupation 133, 134
private sector 8, 127–8, 131, 134, 137, 138, 143
provincial policy 127, 141, 142
public housing 7, 8, 133, 137, 138, 141–2, 143
regional policy 127, 142
residential choice case study 181–2
rural regions 130–31, 134, 136, 137, 138, 140
smart growth 144
spatial development strategies 8, 128–33, 134, 137, 139, 141–4
Spatial Structure Plan, Flanders 8, 124–8, 131–3, 132, 134, 137, 139, 141, 142, 143–4
subsidy system 8, 126–7, 133, 137, 143
sustainable development 131, 137–8, 139, 143–4
taxation 137
transit-oriented development 30, 131, 133, 134, 143, 144
urban ‘fragments’ 130
urban growth 131, 137, 140–41
‘urban pacts’ 141
urban sprawl 129, 131, 143, 234
‘White Book’ on urban policy (Boudry) 141
Bierbaum, Martin A. 11–12, 253–77, 281
Boudry, L. 141
Bourne, L. 73
Bourneville 17
Bramley, G. 19, 21, 22, 24, 25, 26, 30
Brazil 155
Index

Breheny, M. 27, 168
Brophy, P. and R. Smith 62
brownfield sites
Belgium 8, 141
Germany 89–92
and mixed use 94, 95, 98
Scotland 30
UK 60
United States 68, 212, 262
Brundtland Report 59, 197
Burchell, R. and C. Galley 109

Cadbury Brothers 194
Calthorpe, P. and W. Fulton 66
Canada
activity-travel patterns 187
Cornell new town, Ontario 68
environmental protection 60
federal government 66
Green Plan 60
healthy cities movement 59
housing, affordable 70
infill mixing 71
land use regulation 6, 37
local government role 6, 62, 66
mixed use 58–9, 60, 62, 68, 70, 71, 73
municipal amalgamations 66–7
Nova Scotia housing policy 70
property rights 66
provincial government 67, 68
regional cities 67
smart growth 6, 7, 61
sustainable development 60, 70
taxation 66
urban planning 66–7
urban sprawl 3
zoning 62
Carlson, D. and S. Mather 109
Carter, D. 68
Cervero, Robert 9, 10, 149–67, 168, 280
Chaplin, F. 203
Chicago School 202
Cities and Natural Processes (Hough) 203
Clifton, Kelly J. 10, 11, 209–29, 280–81
compact cities
Europe 4–5, 18, 19–23, 27–9, 32, 83, 169, 170
Germany 23, 83
Netherlands 22–3, 169, 170
Scotland 5, 32
United States 37–8
Connerly, Charles 7–8, 103–23, 138, 143, 144, 279–80
Cooper, J. 185
Cox, W. and J. Utt 234
Creating Sustainable Cities (Girardet) 204
Czech Republic 24

Dammers, E. 233, 235
Daniels, T. 38
De Jong, M. 234
De Roo, G. 233
DeGrove, J. and P. Metzger 111
Denmark 26, 27, 155
Downs, A. 37, 41, 43, 104
Duhl, L. and A. Sanchez 196

Ecopolis (Tjallingii) 204
energy costs 8, 59, 81, 144
England see UK
environmental protection 58
Belgium 130–31, 133–4, 138–9, 144
Canada 60
ecosystem approach to urban planning 201–4
Europe 12, 19, 79, 86–7, 130–31, 133–4, 138–9, 144, 234, 243–8
Germany 79, 86–7, 97
and housing, affordable 106
local initiatives 59–60
mixed use 58, 59–60, 95
Netherlands 12, 13, 234, 242–9
and planning policy 199, 201–2
and smart growth 106
transit-oriented development (TOD) 153, 154
UK 60, 195
United States 4, 5, 11, 37–42, 45–6, 48–9, 60–61, 209, 211, 256–7, 262, 281–2
urban sprawl 11, 37, 40–41, 42, 45, 46, 48–9
see also sustainable development

Eppli, M. and C. Tu 48
Europe
accession countries 23–4
automobile use 23–4, 47
bylaw housing 194
Index  

cities, original construction 2–3  
compact cities 4–5, 18, 19–23, 27–9, 32, 83, 169, 170  
compact city 4–5, 18, 19–21, 27–9  
Compendium of Spatial Planning Systems and Policies 22  
‘consumption spaces’ 23  
decentralization 2  
economic incentives 4  
environmental issues 19, 130, 131, 133, 134, 138–9, 144, 170, 243  
environmental policy (Directorate XI) 19  
Global Economic Integration Zones 33  
healthy cities movement 10, 59, 193–208  
Healthy Urban Planning 195, 197  
historic culture preservation 5, 19, 20  
housing, affordable 7, 8, 124–46  
housing mix 63  
knowledge economy 33  
local government role 3, 18, 20, 24  
market forces 242  
mixed use 6, 33, 47  
nation-states, role of 3, 7  
National Cities network 196  
national government role 3, 7  
nitrate guidelines 12–13, 243, 244  
Seventh Framework Programme 282  
smart growth 6, 235  
social inclusion 20, 22  
Spatial Development Perspective (ESPD) 142  
spatial development strategies 3, 18, 19, 20, 142  
subsidy programs 24, 126–7  
sustainable development 9, 20, 170–71  
territorial cohesion 20  
transit-oriented development 47  
urban containment 18, 19–21, 23–7  
urban fringe 81–2  
urban planning 18, 19  
‘Urban’ programme 141  
urban–rural partnerships 20  
urban sprawl 33  
World Health Organization Healthy Cities Project 10, 59, 193–208  
zoning systems 21  
see also individual countries  
European Commission  
Green Paper on the Urban Environment (1990) 4, 19  
Spatial Development Perspective (1999) (ESDP) 4, 20, 22, 23  
Evers, D., Ben-Zadok, E. and A. Faludi 235  
Faludi, A. 20, 195  
financial issues  
mixed use 68, 69, 70  
transit-oriented development (TOD) 9, 151, 155, 160, 163–4  
Finland 25  
Florez, J. 168  
Foley, D. 203  
France 3, 133–4, 136  
Frank, L. and G. Pivo 168  
Frantz, D. and C. Collins 71  
Frece, John W. 68  
Friedman, B. 168  
Fulton, W. 38, 47, 66  
Galster, G. 36  
garden city movement 57–8, 194, 234  
Gayda, S. 185  
Germany  
brownfield sites 89–92  
bringing costs 133–4  
Building Planning Law 78  
city centre decline 86  
compact cities 23, 83  
decentralization 23  
dispersed settlement structures 80–85  
East Germany 85–6  
environmental protection 79, 86, 87, 97  
Federal Building Code 7, 78, 79, 85, 98  
federal government 77–8  
Federal Land Utilisation Ordinance 85  
Federal Ministry of Construction and Housing 7, 88  
greenfield sites 83  
housing mix 63  
housing statistics 136
industrial and commercial space 83–5, 89–91, 94, 96
infill mixing 71
infrastructure 7, 23
inner city reinforcement 83–5
Länder (regional government) 7, 23, 77–8, 86
local government 6–7
military locations 84
mixed use 6, 71, 77–99
mixed use benefits 94–5
mixed use, current status of debate 85–95
mixed use disadvantages 86–7
mixed use opportunities 87–8
municipal government 77–8, 79–80, 85
neighbourhood disputes 87
planning regulations 78–80, 91, 97, 98
polycentric frameworks 5, 81
port restructuring 84
Potsdam-Kirchsteigfeld 7, 92–4
railway restructuring 84
retail patterns 23, 83, 86
social disparities 86, 87
social inclusion 23
spatial development strategies 86, 87, 88
streetcar lines, central city development around 163
suburbanisation 81–3, 85
sustainable development 79
transit-oriented development (TOD) 23, 81–3, 85, 86, 87, 91, 97, 162
Tübingen Südstadt 7, 89–92, 89, 90
unemployment 23
urban fringe 82–3, 86, 91, 94
urban growth 77–9, 80, 81
urban regions policy 80
Urban Renewal Law 78
urban sprawl 87, 234
West Germany 85–6
zoning 61, 87, 88, 96, 97
Girardet, H. 204
Giuliano, G. 47, 168
Gordon, D. and S. Fong 59
Gordon, P. 42, 43, 168
Grant, Jill 6, 57–76, 279
greenbelt policies
Scotland 5, 19, 29–32
South Korea 42
UK 42, 195
and urban growth 17, 18
growth management
boundaries see urban growth boundaries
and housing, affordable 106–7, 111
and sustainable development 59, 60–61, 72–3
United States 36–42, 44–5, 47, 49, 106–8, 110–14, 117–19, 153–5, 159, 163–4, 211
see also urban containment; urban sprawl
Haccoû, Huibert A. 1–13, 278–83
Hague, Cliff 4–5, 17–35, 278
Hall, P. 17
Halpern, D. 199, 200
Handy, S. 168
Haughton, G. and C. Hunter 203
healthy cities, Healthy Cities settlement analysis 199–201
healthy cities movement
Canada 59
Europe 10, 59, 193–208
Healthy Cities Project, World Health Organization 10, 59, 193–208
mixed use 59, 60, 68–9
see also urban planning, healthy
Healthy Urban Planning (WHO) 195, 197, 205
Hendler, S. 59
hierarchical information integration theory 181–2
Hodge, G. 66
Holz-Rau, C. 23
Hough, M. 203, 204
housing
building costs 133–5
and health see urban planning, healthy
location-efficient mortgage (LEM) 9, 155, 165
multifamily 43, 104, 108, 113, 116
single family 37, 38, 43, 49, 107, 108, 113, 134
and spatial development integration  
8, 203

trust funds 109, 110, 113, 114, 115

housing, affordable  
Belgium 8, 124–46
Canada 70
creativity partnerships 163–4
definition 103–6
empirical research 106–7
and environmental protection 106
Europe 7, 8, 124–46
failure to ‘pay its own way’ 118
and growth regulation 106–7, 111
housing linkage programs 114
housing trust funds 8, 109, 110, 113, 114, 115
income levels 105–6, 112, 116–17
and infrastructure 118, 119
land regulations, flexible 108
and local amenities 106
and minority groups 109
and mixed use 61–3, 70, 82, 88
NIMBY attitudes 118, 140
private sector developers 108–9
and smart growth 103–23
strategies, key 108–10
strategies, prospects for adopting 110–20

and transit-oriented development 9, 106, 152–3, 160, 162–3
UK 63, 68
United States 38, 43, 46, 48, 104–20, 257, 281
and zoning, exclusionary 116–17, 255
and zoning, inclusionary 8, 108–9, 110, 113, 115, 119, 144
Howard, Ebenezer 17–18, 57–8, 194, 234
Hudnut, W. 68
Hughes, J. and J. Seneca 47
Hunt, J. 155

immigration 4, 41, 134–6
incentive programs 4, 6, 68, 72, 263
see also subsidy programs
Incentives, Regulation and Plans  
symposium 1, 3
industrial parks 58
integrated choice experiments 181–2

Ireland 3, 33
Israel 186
Italy 21–2, 47, 197
Jacobs, Jane 58
Jacobsen, N. 168
Janssen-Jansen, Leonie B. 11, 12–13, 233–52, 281
Japan 162, 187
Jun, M.-J. 44
Kaiser, E. 65
Kaysi, I. and J. Abed 185
Kitamura, R. 168
Knaap, Gerrit-Jan 1–13, 37, 40, 42, 43, 234, 278–83
Kreukels, A. 235
land prices 7, 22, 50, 158–60
land use regulation  
Belgium 8, 131, 143
Canada 6, 37
mixed see mixed use
Netherlands 37, 169, 233, 244
UK 37
United States 1, 6, 11–12, 37, 44, 65–6, 210–13, 220, 234, 255, 282
land use transport (LUT) analysis 200
Lawler, D. 196
Lawrence, B. 109
Lee, C.-M. and A.-H. Ahn 71
Lever, William Hesketh 17
Litman, T. 234
Lynch, Kevin 202
McCann, M. 196
Machemer, P. 39, 249
Marmot, Professor Michael 194, 199
Marshall, Alfred 17
Miller, T. 107
Mitchell, W. 130
mixed use
balance of 61–2
brownfield sites 94, 95, 98 ‘carrots and sticks’ 67–8
challenges 61–5
disadvantages of 86–7
encouraging 57–76
environmental protection 58, 59–60, 95

Hudnut, W. 68
Hughes, J. and J. Seneca 47
Hunt, J. 155

immigration 4, 41, 134–6
incentive programs 4, 6, 68, 72, 263
see also subsidy programs
Incentives, Regulation and Plans  
symposium 1, 3
industrial parks 58
integrated choice experiments 181–2

Ireland 3, 33
Israel 186
Italy 21–2, 47, 197
Jacobs, Jane 58
Jacobsen, N. 168
Janssen-Jansen, Leonie B. 11, 12–13, 233–52, 281
Japan 162, 187
Jun, M.-J. 44
Kaiser, E. 65
Kaysi, I. and J. Abed 185
Kitamura, R. 168
Knaap, Gerrit-Jan 1–13, 37, 40, 42, 43, 234, 278–83
Kreukels, A. 235
land prices 7, 22, 50, 158–60
land use regulation  
Belgium 8, 131, 143
Canada 6, 37
mixed see mixed use
Netherlands 37, 169, 233, 244
UK 37
United States 1, 6, 11–12, 37, 44, 65–6, 210–13, 220, 234, 255, 282
land use transport (LUT) analysis 200
Lawler, D. 196
Lawrence, B. 109
Lee, C.-M. and A.-H. Ahn 71
Lever, William Hesketh 17
Litman, T. 234
Lynch, Kevin 202
McCann, M. 196
Machemer, P. 39, 249
Marmot, Professor Michael 194, 199
Marshall, Alfred 17
Miller, T. 107
Mitchell, W. 130
mixed use
balance of 61–2
brownfield sites 94, 95, 98 ‘carrots and sticks’ 67–8
challenges 61–5
disadvantages of 86–7
encouraging 57–76
environmental protection 58, 59–60, 95
Europe 6, 33, 47
and existing building stock 83–5
financial issues 68, 69, 70
functional mixture 87, 88, 94–7, 98
Germany see Germany, mixed use
government role 67–73, 82
healthy cities movement 59, 60, 68–9
history of 57–61
and housing, affordable 61–3, 70, 82, 88
importance of 57–61, 94–5
industrial space 61, 82, 83–4
and New Urbanism 60, 64
office space 61, 82, 83–4
and over-regulation 67
and planning laws 97, 98
potential and constraints 95–7
recommendations 98–9
research into 70
retail patterns 61, 63–4, 69–70, 72, 82, 83, 152, 219
risks 71
and social diversity 62–3, 70–71, 86, 88
streetcar lines, central city
development around 163
and sustainable development see sustainable development
and taxation 98
UK 61, 66, 67, 68, 70, 71
United States 58, 59–60, 62, 64, 65–6, 70, 150, 152, 212
urban development framework 65–6
urban fringe 81–3, 95, 98
urban planning, healthy see urban planning, healthy
vertical mix 87, 96, 152
and zoning 62, 63, 67, 97–8
Mommaas, H. 22, 23
Moore, P. 58
mortgages
incentive program, New Jersey 263
location-efficient mortgage (LEM) 9, 155, 165
Naess, P. 168
Nasar, J. 168

National Strategy for Neighbourhood Renewal, UK 195
Needham, B. and A. Faludi 235
Nelson, A. 43, 106–7
Netherlands, The
ABC locations 22, 169, 170
Albatross model 175–6
car use 22
central government 12
clustered development 13
commercial/institutional uses 22, 169–70
compact cities 22–3, 169, 170
decentralization 12, 169
development patterns 28
divorced people case study 183
Eindhoven and Veldhoven case study 183–4
environmental protection 12, 13, 234, 242–9
Greenheart 42
Habiforum Foundation 1
Heart of Chain Hills project 12–13, 245–8
house building costs 133–4
housing statistics 136
land prices and speculation 22
land use regulation 37, 169, 233, 244
lobe cities 174, 176
local government 12
loop networks 175, 176
market forces 242, 247
military base reuse 13
Multiple-Intensive Land Use (MILU) 3, 247
nitrate guidelines 12–13, 243, 244
Nota Ruimte 233
owner-occupation 133, 182
Phoenix project 247
public transport discount tickets 179
radial public transport network 174, 175, 176
Randstad 22
red-for-green development 237, 242, 243–9
regional planning, importance of 240–43, 245–6, 247–8
rental sector 182

Mommaas, H. 22, 23
Moore, P. 58
mortgages
incentive program, New Jersey 263
location-efficient mortgage (LEM) 9, 155, 165
Naess, P. 168
Nasar, J. 168
residential choice case studies 180–81
retail and leisure complexes 22–3, 175
ring transport network 175
Roermond case study 180–81
smart growth 12, 233–52
Social Economic Council 233
Space for Space project 12, 243–5, 248
spatial development strategies 5, 12–13, 22–3, 233–4, 238, 240–45, 244, 248
sustainable development 234–5, 249–50
taxation 241, 242
transferable development rights (TDRs) 12–13
transport-oriented development (TOD) 9–10, 22–3, 169–70, 171–84
urban form and activity-travel patterns case studies 175–80
urban form, network type and mobility case study 171–5
urban form on travel patterns, causal structures case study 177–80
Urban Planning Office study 186
urban sprawl, avoiding 234
Utrecht Landscape Foundation 246, 248
work-residence balance 170
zoning 244
Neuman, J. 63
New Urbanism
and mixed use 60, 64
United States 18, 37, 40, 47, 48, 60, 65, 71
and urban planning, healthy 198
urban sprawl 18, 37, 40
NIMBY attitudes 118, 140, 151
Nivola, P. 47, 278
North America see Canada; United States
Norway 27
Owen, Robert 194
Owens, S. 168
Pattison, C. 113
Pendall, R. 42, 108
Perin, C. 63
Phillips, J. and E. Goodstein 43
Popkin, S. 70
Port Sunlight 17
Porter, D. 109, 119
Portugal 197
preference experiments 181–3
group-based 183–4
Pruetz, R. 39
public–private partnerships 6, 68
Puijin, F. 235
Richardson, H. 42, 43, 47
Richardson, J. 236
Saey, P. and N. Van Nuffel 131–3, 140
Sallis, J. 212
Scandinavia 5, 25–7, 162
see also individual countries
Scheurer, J. 19–20, 22, 23, 27
Schimek, P. 168
Scotland
brownfield sites 30
Clyde Valley Plan (1946) 29–30
compact city 5, 32
corridor development 31
development ‘leapfrogging’ 30, 31
Edinburgh Civic Survey and Plan (1949) 30
Edinburgh and Lothians Structure Plan 2015 Finalised Written Statement 30
Scottish Executive green belts draft policy 31–2
SPP17: Planning for Transport 31
sustainable development 30, 31
‘Tightening up Green Belt Policy’ 32
transit-oriented development 31
urban containment 5, 21–2, 29, 30–31
urban regeneration 30
urban sprawl 32
see also UK
Sellers, J. 234
Selman, P. 204
Index

Shaping Neighbourhoods (Barton) 200
Sietsma, H. 235
Sieverts, T. 27, 32, 33, 81
smart growth
  and affordable housing see housing, affordable
  Belgium 144
  Canada 6, 7, 61
  and concurrency 236–7, 239, 246
  and cooperation 237, 241–2, 244, 245–6
definition 103–6
dimensions of 235–6
  and environmental protection 106
financial agreements 237–8, 239, 241–2, 247
government involvement 68
  Heart of Chain Hills project, Netherlands 245–8
implementation 11–13, 237, 240
  and local amenities 106
local government input 237, 238
market-related instruments 239–40, 242, 247
  and mixed use see mixed use model 238
negotiation 239–40
Netherlands, The 12, 233–52
  nine principles 236
  performance measures 272
Planning Grants, New Jersey 263–4, 272
public education and outreach 271
regional development, importance of
  (The Netherlands) 240–43, 246–7, 248–9
Space for Space project, The
  Netherlands 243–5, 248
State Plan, New Jersey 253–77
  and sustainable development 60
  trade-offs, long-term 238–9
trans-Atlantic perspective 1–13
trans-Atlantic research agenda 248–50
transferable development rights (TDRs) 12–13, 237, 241–3, 245, 246, 249, 250
transit-oriented development (TOD)
  see transit-oriented development (TOD)
  urban containment 237, 239, 242
  urban growth boundaries 3, 36, 38, 42–6, 111
Smith, Titus 194
Snellen, D. 171–6
social diversity, and mixed use 62–3, 70–71, 86, 87, 88, 195
social inclusion
  Europe 20, 22, 23
  and health 194, 199–200, 205
Song, Y. and G. Knaap 40, 43
South Africa 18
South Korea 42
spatial development strategies
  Belgium 8, 128–33, 134, 137, 139, 141–4
  Europe 3, 18, 19, 20, 142
  Germany 86, 87, 88
  integration 8, 203
Status Syndrome (Marmot) 194
Stegman, M. and D. Suchman 104
Stone, B. 211
Suber, T. 119
subsidy programs
  Belgium 8, 126–7, 133, 137, 143
  United States 104, 107, 113, 114
  see also incentive programs
Sustainable Cities (Haughton and Hunter) 203
sustainable development
  Brundtland Report 59, 197
  Canada 60, 70
  and economic growth 59, 60–61, 72–3
  Europe 9, 20, 170–71
  Germany 79
  Netherlands 234–5, 249–50
  Scotland 30, 31
  UK 60, 206
  United States 59–60, 68
  urban planning, healthy see urban planning, healthy
  see also environmental protection
Sustainable Settlements (Barton) 204
Sweden 26, 155, 162, 197
Switzerland 21, 37, 163
taxation
Canada 66
incentives 4, 6, 68, 72
and mixed use 98
Netherlands, The 241, 242
United States 37, 48, 68, 109, 113, 115, 163, 212, 267, 270
A Theory of Good City Form (Lynch) 202
Thompson-Fawcett, M. 62, 71
Timmermans, Harry 9–10, 168–89, 280
Tjallingii, S. 204
Torrens, P. and M. Alberti 36
trans-Atlantic perspective research 278–83
smart growth 1–13
transferable development rights (TDRs) 4, 5
Netherlands, The 12–13
smart growth 12–13, 237, 241–3, 245, 246, 249, 250
United States 39, 48, 50
transit-oriented development (TOD) 8–10
accessibility and mobility impacts 155–6
adaptive reuse 9, 162–3
Albatross model 175–6
Arlington County, Virginia 156–7
Belgium 30, 130, 131, 133, 134, 143, 144
central city development 9
and congestion 152, 153, 155, 158, 186, 216
creative partnerships 163–4
divorced people case study 183
effectiveness 161, 162
Eindhoven and Veldhoven case study 183–4
and energy prices 81
environmental protection 153, 154
Europe 47
financing 9, 151, 155, 160, 163–4
future of 164–6
Germany 23, 81–3, 85, 86, 87, 91, 97, 162
group-based stated preference case study 183–4
and housing, affordable 9, 106, 152–3, 160, 162–3
and housing density 179
implementation 160–64
infrastructure requirements 9, 162
joint developments, USA 150, 165
land market impacts 158–60
lobe cities 174, 176
and location-efficient mortgage (LEM) 9, 155, 165
loop networks 175, 176
Louvain-la-Neuve case study 181–2
and mixed use 59–61, 63–5, 67, 70–71, 82–3, 88, 94–5, 97, 152–5, 164, 171
mobility benefits 153–6
mobility patterns 169
neighbourhood opposition 9
Netherlands, The 9–10, 22–3, 169–70, 171–84
NIMBY attitudes 151
parking 9, 72, 82, 91, 150, 151, 152, 154, 160, 165
pedestrian and bicycle, United States 11, 209–29
and property values 9
public transport discount tickets 179
radial public transport network 174, 175, 176
residential choice case studies 180–84
and retail and leisure 175
ridership rates, USA 153–4, 155, 157, 162
ring transport network 175
Roermond case study 180–81
Scotland 31
socio-demographics 177–80
statistical flaws 169
traffic speed 176, 178
urban form and activity-travel patterns case studies 175–80
urban form, network type and mobility case study, Netherlands, The 171–5
urban form and residential location 10
urban form and travel behavior 9, 168–89
urban form on travel patterns 177–80, 221–2
VMT (vehicle miles travelled)
reduction 6, 9, 47, 165–6, 168–89
and zoning 9, 158, 159, 160, 162

UK
activity-travel patterns 187
Bourneville 17
brownfield sites 60
congestion charging, London 50
environmental protection 60, 195
government involvement 68
greenbelt policies 42, 195
Greenwich Millennium Village 68
housing, affordable 63, 68
housing, private 63
housing statistics 136
land use regulation 37
local government 66, 71
mixed use 61, 66, 67, 68, 70, 71
National Strategy for Neighbourhood
Renewal 195
Planning Policy Guidance (England)
67, 71
Port Sunlight 17
retail patterns 63
satellite communities 66
Scotch and Scotland see Scotland
Social Exclusion Unit 195
sustainable development 60, 206
University of West England research
project 206
urban planning, healthy 195, 197, 198, 206
Urban Renaissance 3, 60, 67
Urban Task Force report (1999) 60
zoning 195

United States
activity-travel patterns 187
Adequate Housing Uniform
Standard Rule, Florida 117
Americans with Disabilities Act 218
Arlington County, Virginia 150, 156–7, 162
Bay Area Rapid Transport (BART) 164
Bel Air Smart Codes program 213, 214–19, 224, 225
Bolsa Chica and Ballona wetlands 41
Brooke Amendment 105
brownfield sites 68, 212, 262
Bureau of Land Management 37
California growth management 37, 39–42, 49, 106–8, 119, 153–5, 159, 163–4
Chinook salmon protection 46
cities, original construction 2, 3
Clean Air Act 11, 37, 42, 211, 227
Clean Water Act 37
Coastal Areas Facilities Review Act
(CAFRA), New Jersey 263, 267, 272
College Park smart growth 213, 219–22, 224, 225
commercial development 64
compact cities 37–8
Comprehensive Plan Certification
process, Florida 119–20
congestion 152, 153, 155, 158, 186
developer impact fees 49–50
Development of Regional Impact
(DRI), Florida 8, 114–15, 117–18
employment rates 47–8, 49
Endangered Species Act 37, 46
environmental protection 4, 5, 11, 37–42, 45–6, 48–9, 60–61, 209, 211, 256–7, 262, 281–2
Environmental Protection Agency 4, 211, 281–2
farmland preservation 5, 37, 38–9, 48
federal government role 3, 9, 11, 37, 39, 41, 65–6, 104–5, 109, 209, 210–12, 254
Federal Livable Communities grant 164
financial incentives 68
Florida 8, 41, 110–20, 237
Florida Affordable Housing Study
Commission 116, 118
Florida Growth Management Act
(1985) 110, 111
‘Four to One’ program, King
County 45
Fruitvale transit village, California 163–4
Global Economic Integration Zones 33

greenfield development 40, 49, 50, 71

growth management 36–42, 44–5, 47, 49, 106–8, 110–14, 117–19, 153–5, 159, 163–4, 211

Growth Management Act, Florida 111, 112, 113, 115, 116

Growth Management Act, Washington 44, 45, 46

growth regulation and housing prices 106–7

Growth Study Commission, Florida 118–19

‘highest and best use’ question 39

homeowners’ mortgage incentive program, New Jersey 263

Homestead Act (1862) 17

Housing Act (1949) 105

housing, affordable 38, 43, 46, 48, 104–20, 257, 281

housing linkage programs 114

housing, mixed-income 62

housing, multi-family 43, 104, 108, 113, 116

housing property values 38

housing, rental 48

housing, single family 37, 38, 43, 49, 107, 108

housing trust funds, Florida 8, 9, 110, 113, 114, 115

immigration 41

income guideline for housing 105–6

infrastructure 111, 112, 118, 119, 157, 162, 237, 256, 262

Intermodal Surface Transportation Efficiency Act (ISTEA) (1991) 211–12, 227

Interstate Highway Act 37

Joint Center for Housing Studies report (2004), Harvard University 105

land prices 2, 50, 159

land use regulation 1, 6, 11–12, 37, 44, 65–6, 210–13, 220, 234, 255, 282

Live Near Your Work program 50, 212

local government role 3, 5, 6, 8, 9, 37, 39, 41, 42, 45, 64–7, 104–5, 107, 113, 117–19, 211, 213

location-efficient mortgage (LEM) 9, 155, 165

Maryland Smart Codes project 10, 11, 209–29

Maryland Smart Growth legislation 37, 40, 50, 68

MAX rail system 40, 43

Measure 37, Oregon 44

Metrorail 157

mixed use 58, 59–60, 62, 64, 65–6, 70, 150, 152, 212

Nevada 49

New Jersey Executive Order No. 109 (2000) 263

New Jersey Municipal Land Use Law 255

New Jersey Planning Grants 263–4, 272

New Jersey state plan 11–12, 253–77

New Jersey state plan and bureaucratic change 268–9, 270, 271, 272–3

New Jersey state plan and Governor Whitman 261–4

New Jersey state plan implementation 257–61, 265–73

New Jersey state plan, state department cross-acceptance process 264–6, 271

New Jersey State Planning Act 254–6, 260

New Urbanism 18, 37, 40, 47, 48, 60, 65, 71

NIMBY attitudes 151

‘Pay As You Grow’ plan, Florida 119

pedestrian and bicycle transportation 11, 209–29

population levels 47–8

Portland, Oregon 5, 36, 38, 39, 40, 41–4, 61, 107, 108, 160, 163

poverty, rural 105

Priority Funding Areas 212

property rights 65–6

quality of life 149

regional governance 43, 48

road pricing 50

Rural Legacy Program 212
Index

Sadowski Act (1992) 113
St. Joe Company 117–18
San Diego 159, 160
Santa Clara County, California 159
Smart Growth Funders’ Network 282
Smart Growth Network 4
Smart Growth Planning Grants 263–4
A Smart Step Forward project 213
Snoqualmie Forest, King County, Washington 39
Southern Burlington County NAACP v. Mt. Laurel 254–5, 257
Southside, Dallas 162–3
State Housing Initiatives Partnership (SHIP), Florida 110, 113, 114, 115
streetcar lines, central city development around 163
subsidy programs 104, 107, 113, 114
Surface Transportation Efficiency Act 11
sustainable development 59–60, 68
taxation 37, 48, 68, 109, 113, 115, 163, 212, 267, 270
Tennessee 42
transferable development rights (TDRs) 39, 48, 50
transit-oriented development 9, 11, 40, 43, 46–7, 50, 65, 111–12, 149–67, 210–12, 220–21, 256, 266
transit-oriented development, implementation 160–64
transit-oriented development, joint ventures 150, 165
Transit-Oriented District 164, 220–21
Transportation Efficiency Act for the 21st Century (TEA-21) 212, 227
Transportation Improvement Programs 155
Turner Station Smart Codes program 213, 222–4, 225–6
Urban Centers 42, 46
urban containment 5, 18, 19, 33, 36, 37–8, 41–6, 48, 49–50, 111
Urban Growth Management Functional Plan (1996) 43
urban infill areas 112, 151, 152, 159, 270
urban planning, healthy 66, 209–29
Urban Service Areas, Florida 111, 112
urban sprawl see urban sprawl
Vermont/Western district 150
Washington State 5, 38, 39, 41–6, 48
WMATA, Washington 150
urban containment 4–5, 7–8
compact cities see compact cities
development projects, ballots 39–40
Europe 18, 19–21, 23–7
and greenbelts see greenbelt policies
Scotland 5, 21–2, 29, 30–31
smart growth 237, 239, 242
United States 5, 18, 19, 33, 36, 37–8, 41–6, 48, 49–50, 111
zoning see zoning
see also growth management; urban sprawl
urban fringe
Europe 81–2
Germany 82–3, 86, 91, 94
mixed use 81–3, 95, 98
urban growth boundaries
management see growth management
smart growth 3, 36, 38, 42–6, 111
urban sprawl 36, 38, 104, 111
urban heritage conservation 58
urban planning, healthy 193–208
Bel Air Smart Codes program 213, 214–19, 224, 225
bylaw housing 194
case studies 213, 214–24
College Park smart growth 213, 219–22, 224, 225
conceptual model, devising 198–202
conceptual model, potential value of 204–6
and environmental responsibility 199, 201–5
health determinants model 198–9
health impact assessments 200
healthy cities movement see healthy cities movement
and highway improvements 221–2
land use transport (LUT) analysis 200
and local networks 200, 201
Maryland's Smart Codes 10, 11, 209–29
and New Urbanism 198
origins 193–7
pedestrian environment 209–29
and planning theories 194–5
scientific evidence, lack of 198
settlement ecosystem theory 202–5
Shaping Neighbourhoods (Barton) 200
Smart Codes implementation 213, 224–6
social impact 199–200, 205
systems theory 203, 204
traffic calming measures 216
Turner Station Smart Codes program 213, 222–6
UK 195, 197, 198, 206
University of West England research project 206
urban sprawl
Belgium 129, 131, 143, 234
containing 36–53, 234
critical area protection measures 40–41
density bonuses 39
density increase 46–7, 48–9, 50
environmental protection 11, 37, 40–41, 42, 45, 46, 48–9
Europe 33
evaluation of 46–9
farmland preservation 5, 37, 38–9, 48
market solutions 49–50
Netherlands, The 234
New Urbanism 18, 37, 40
popular support 49
priority growth areas 40
Scotland 32
and smart growth see smart growth
spatial equity, improved 48
suburbanization, declining 47–8
and trans-Atlantic research 278–9
transferable development rights (TDRs) 39, 48, 50
urban core revitalization strategies 5, 41
urban growth boundaries 36, 38, 104, 111
VMT (vehicle miles travelled) reduction 6, 9, 47, 165–6, 168–89
and zoning, inclusionary 109
see also growth management; urban containment
Van den Broeck, Jef E.J. 7, 8, 124–46, 279–80
Van der Valk, A. 22
Verschure, Han 124–46
Vischer, J. 59
Walker, B. 185
Warnken, C. 111
Wiegandt, Claus-Christian 6–7, 77–99, 279
Witty, D. 59
Wolf-Powers, L. 64
World Health Organization
Healthy Cities Project 10, 59, 193–208
Healthy Urban Planning 195, 197, 205
see also urban planning, healthy zoning
Canada 62
Europe 21
exclusionary 116–17, 255
Germany 61, 87, 88, 96, 97
inclusionary 8, 108–9, 110, 113, 115, 119, 144
and mixed use 62, 63, 67, 97–8
Netherlands, The 244
and transit-oriented development (TOD) 9, 158, 159, 160, 162
Transit-Oriented District 164
UK 195
Zorn, P. 107, 261