

# Index

---

- access 38
- Aglietta, Michel 13, 148, 162, 184
- agriculture 129, 184
- Albert, Michel 14
- Allen, P.M. 208
- Amable, Bruno 157, 158, 164, 166, 217
- Aoki, Masahiko 163, 167
- Ark, B. van 37
- Australia 166
- Austria 40
  
- Barré, Rémi 158, 164, 217
- Bartelsman, E.J. 37
- Bartoli, Henri 7, 8
- Baslé, Maurice 148
- Beffa, Jean-Louis 183
- Belgium 40
- benchmarking 131–2, 155, 182, 203–28
  - business benchmarking in learning economy 206–7
  - competitive versus collaborative benchmarking 210–11
  - diversity and 207–9
  - focus on national system for knowledge creation and learning 218–19
  - formation of learning organisations and 210
  - intelligent 223–5
  - meaning of 205–6
  - national systems of innovation 215–23
  - outcome of Portuguese Presidency and 225–6
  - problems with 211–12
  - public sector 204, 212–14
  - systemic contexts 209–10
- Beveridge, Lord 54
- Bismarck, Otto von 54
- Bjorn, L. 75
- Blossfeld, H.P. 75
- Bogan, C. 205, 206
  
- Boisot, M.H. 98
- Boissieu, Christian de 184
- Bourdieu, Pierre 7, 11
- Bowles, Samuel 182
- Boxwell, R.J. 206
- Boyer, Robert 13, 15, 147, 148, 157, 158, 161, 162, 164, 166, 167, 174, 175, 179, 182, 183, 185, 217
- Bressard, Albert 1
- Bruyn-Hundt, M. 89
- budgetary policies 174, 184–5, 292
- Burns, Tom R. 11
- business cycles 147, 175
  
- Cairncross, Frances 4
- Camp, R.C. 206
- Canada
  - fishery industry 208
  - innovation in 166
- Caroli, Eve 183
- Castells, Manuel 5, 15, 97
- Charron, Elsie 185
- children
  - declining numbers of 64, 67–8
  - poverty and 55, 59, 61, 71, 291
- Cohen, Daniel 162
- Coleman, J. 219
- collaborative benchmarking 210–11
- commodification of knowledge 47
- communication 4–5
- comparisons *see* benchmarking
- competition
  - benchmarking and 207
  - deepening of 160–1
  - EU policy on 174, 209, 226
- competitive benchmarking 210–11
- competitiveness 5, 284–6
- complexity 7–8
  - coordination of complex EU procedures 186–97
- copying 208
- Coriat, B. 210

- Cox, J.R.W. 210  
 Coyle, D. 97  
 crossroads of new intellectual horizon  
 9–10  
 currency exchange rates 174  
 customisation, mass 5  
 cyberspace 5
- Damásio, António R. 7  
 Davanne, Olivier 162  
 David, Paul 38  
 Debonneuil, Michèle 162  
 defence 240–1  
 Dehove, Mario 175, 185  
 Delors, Jacques 1  
 democracy 240
- Denmark  
 childcare in 89–90  
 economic growth in 30, 31  
 ICT in 49  
 industrial development plan 219  
 innovation in 227  
 investment in knowledge 40  
 labour market benchmarking 222  
 social pact 155  
 welfare system 59
- Didier, Michel 157
- diversity  
 benchmarking and 207–9  
 in European welfare systems 57–8
- Dore, R. 216  
 Dosi, Giovanni 13, 216  
 Durand, Jean-Pierre 157, 167
- e-commerce 5, 46  
 e-Europe initiative 280, 316  
 Easterlin, R. 64  
 Eatwell, Roger 9  
 economic cycles 147, 175  
 economic growth 30–5, 147  
 macroeconomic policies for  
 sustainable growth 291–3  
 economic policy 15–16  
 budgetary policies 174, 184–5, 292  
 competition policy 174, 209, 226  
 coordination of policies for a  
 European strategy 277–8,  
 295–6  
 employment policies 16, 288–9,  
 297–9, 307–8, 319  
 general principles for institutional  
 reforms and 165–7  
 guidelines 186, 321  
 innovation policy 39–40, 47, 284–6  
 macroeconomic policies for  
 sustainable growth 291–3  
 mixing short-term management with  
 long-run structural policies  
 174–5  
 monetary policy 174, 177–82  
 regional policies 184–5, 240  
 taxation 73, 183, 292, 305, 321
- economics  
 EU economic reforms 16, 284–6,  
 297–9  
 evolutionary economics 13  
 information system 128–9, 130  
 Keynesian economics 12  
 social context 12–13  
 education and training 55, 70, 76–7,  
 79–80, 183, 282, 306–7, 318  
 European identity and 238  
 overeducation 121  
 social exclusion and 119, 120  
*see also* qualifications; skills
- Elmeskov, J. 132
- empiricism 6–7  
 employment *see* labour market
- English, M.J. 205, 206
- entrepreneurship 302–3
- Erikson, R. 75
- Esping-Andersen, Gøsta 6, 14, 183
- European Central Bank (ECB) 176, 177
- European Charter for Small  
 Enterprises 316–17
- European Council for Nuclear  
 Research (CERN) 39
- European identity 232–41  
 importance of 232–4  
 meaning of 234–7  
 methods and processes of building  
 237–41
- European Molecular Biology  
 Laboratory (EMBL) 39
- European Research Area 316
- European social model 54–90, 151  
 costing out social investment in  
 families 88–90  
 diversity of European welfare  
 systems 57–8

- leisure and work 83–5
- link to labour markets 72–5
- overview of issues 54–7
- renewal of 3–4, 16–17, 72–83, 286–91, 306–10, 318–20
- transformation of social risk and needs structure 58–64
- welfare asymmetries across generations and life course 64–72
- European Space Agency (ESA) 39
- evolutionary economics 13
- exchange rates 174
- exclusion *see* social exclusion
- externalities, internalisation of 172–4
- families
  - changes in 55–6, 59–64
  - welfare systems and 58, 81–2
- federalism 235
- female employment 56, 71–2, 73–4, 88–90
- fertility 64, 67–8
- financial sector 29, 48–9, 161–2, 193, 304–5
  - innovation 45, 147, 227
  - supervision 183–4
- Finland 238
  - ICT in 49
  - innovation in 166
  - investment in knowledge 40
- Fitoussi, Jean-Paul 1, 6
- Flam, Helena 11
- flexibility, labour market 98–9, 101–2
- Foray, Dominique 38
- Fordism 155–7
- forecasting 10–11
- framigration 242
- France
  - innovation in 166
  - investment in knowledge 40
  - welfare system in 58
- Freeman, Christopher 36, 215, 216
- Freeman, Richard B. 160
- Freyssinet, Jacques 182
- Fuji-Xerox 206
- Fujimoto, Takahiro 163
- Fukuyama, Francis 8
- fundamentalism 233
- Garvin, D.A. 206
- Germany
  - economic growth in 30
  - innovation in 166
  - investment in knowledge 40
  - multiethnicity and multiculturalism in 239
  - reunification of 28, 147–8, 175
- Giddens, Anthony 7, 9, 11, 177
- globalisation 2, 147, 297
  - challenges and potential of knowledge economy and 28–52
  - European governance issues and 242–4
  - implications of 8–9
  - regulation of 3
- Godet, Michel 10
- Goldstein, H. 131
- Goldthorpe, J. 75
- Gore, Al 51
- governance issues 17, 21–2, 242–68
  - globalisation and regionalism and 242–4
  - search for new methods of European integration 245–8
  - European multilateral governance and 248–50
  - legal basis of 250–6
  - open method of coordination (OMC) 250–6, 261, 262, 264, 265, 311
  - output legitimacy 263–6
  - political questions 266–8
  - strategic leadership and 256–60
  - transformations of European state and 260–3
- Gray, G.R. 112
- Green, F. 107, 222
- Greenspan, Alan 45
- Gros, Daniel 163
- Grubb, D. 102
- Guterres, António 137
- Habermas, Jürgen 7
- Haveman, R. 75
- Held, David 8
- Hinloopen, J. 37
- history, philosophy of 8
- Hochchild, Arlie 87
- Hodgson, Geoffrey M. 13

- holism 11
- Hollanders, H. 34
- human capital 38, 55
- human resource management 5–6
  - reduction of social exclusion and 123, 125–7
- identity *see* European identity
- immigration 67, 239–40
- imperialism 7–8
- individualism 11
- inequalities, knowledge economy and 55
- information and communications
  - technology (ICT) 29, 37, 278
  - investment in 45–6, 48, 49–50
  - shift in productive basis and 157–8
- information society 4, 97–8, 278, 299–301
- innovation 4, 5, 38, 46–7, 50, 174
  - benchmarking and national systems of innovation 215–23
  - conversion of social systems of innovation into a strength 163–5, 166–7, 185
  - EU policy on 39–40, 47, 284–6
  - financial sector 45, 147
  - labour and 116–17
- institutional reforms 14, 146–99, 256–60
  - adapting and reforming economic institutions 172–85
    - internalisation of externalities 172–4
    - legal and tax incentives 182–4
    - mixing short-term management with long-run structural policies 174–5
    - monetary policy 177–82
    - recomposition of EU budget 184–5
    - wage and employment negotiations 179–82
    - working out new and satisfactory policy mix 175–7
  - European agenda and 185–98
    - coordination of complex procedures 186–97
    - economic policy guidelines 186
    - subsidiarity principle and 198
  - general principles for 163–72
    - conversion of social systems of innovation into a strength 163–5, 166–7, 185
    - networking 171–2
    - organisational redesign 167–71
    - tailoring economic policy 165–7
  - growth regimes and 162–3
  - reversal of post-Second World War institutional architecture 147–51
- institutions 244
  - European identity and 235–6, 241
  - see also* institutional reforms
- integration of EU 151–2, 208–9, 245–8, 293–5
  - European multilateral governance and 248–50
  - legal basis of 250–6
  - open method of coordination (OMC) 250–6, 261, 262, 264, 265, 311
  - output legitimacy 263–6
  - political questions 266–8
  - strategic leadership and 256–60
  - transformations of European state and 260–3
- intellectual horizon 6–10
- intelligent benchmarking 223–5
- internal market 28, 303–4, 317–18
- internalisation of externalities 172–4
- international comparisons *see* benchmarking
- International Monetary Fund (IMF) 3
- international policies 240–1
- Internet 46, 238
- investment
  - in ICT 45–6, 48, 49–50
  - in knowledge 40–4, 48
- Ireland
  - economic growth in 30, 31
  - ICT in 49
  - innovation in 227
  - social pact 155
- Italy
  - economic growth in 30
  - female employment in 72
  - innovation in 166
  - investment in knowledge 40
  - older people in 65
  - welfare system in 58

- Jacquemin, Alexis 1
- Jacquet, Pierre 161, 175, 186
- Japan 159, 163
  - economic growth in 30, 31
  - financial sector in 45
  - innovation in 47
  - interfirm relationships 216
  - investment in knowledge 40
  - production system in 155, 157
- Jürgens, Ulrich 185
- Kearns, D.T. 206
- Kelly, K. 97
- Keynes, John Maynard 12, 146, 182, 183
- Keynesian economics 12
- Kim, Haknoh 179
- Kline, S.J. 216
- knowledge 2–3, 278
  - characteristics of 36–7
  - commodification of 47
  - investment in 40–4, 48
  - knowledge economy
    - challenges and potential 28–52, 297
    - economic and social implications 5–6
    - emergence of 35–40
    - labour market and 95, 99–117, 134–5
    - metaphors for 97–9
    - nature of 4–5, 133–4
    - policy development and the
      - knowledge base 127–33
      - social cohesion and 55
      - social exclusion and 6, 95, 118–27
      - transition to 44–8, 158–9, 189, 276, 278–84, 299–306, 316–18
    - philosophy of 6–7
    - production of 36
    - sharing 115
- Kohli, M. 65
- Kooiman, Jan 9
- Krugman, Paul 12, 163
- Kuhn, Thomas 7, 8
- Kuznets, S. 219
- labour market
  - adjusting employment negotiations to monetary policy 179–82
  - benchmarking 222–3
  - employment problems in Europe 30–1
  - EU employment policies 16, 288–9, 297–9, 307–8, 319
  - female employment 56, 71–2, 73–4, 88–90
  - flexibility in 98–9, 101–2
  - innovation and 116–17
  - job creation 100–2
  - knowledge economy and 95, 99–117, 134–5
  - mobility of labour 239
  - occupational employment trends 102–7
  - participation rates 68, 100
  - problems in 30–1, 56
  - qualitative dimensions 107–11
  - retirement 68–71, 79, 80–1, 84–5, 182
  - segmentation 6, 120
  - skill shortages 104–7
  - welfare systems and 72–5
  - working hours 83–5
  - see also* unemployment
- language, European identity and 235, 238
- Layard, R. 102
- Le Boterf, Guy 6
- leadership, integration of EU and 256–60
- learning economy, business
  - benchmarking in 206–7
- learning organisations 5, 111
  - benchmarking and 210
- learning society 98, 226, 281–2
- legitimacy, integration of EU 263–6
- leisure 83–5, 100
- lemming effect 208
- Leonardo da Vinci programme 282
- Lévy, Pierre 5
- Liebfried, K.H.J. 211
- life course
  - life chance guarantees 57, 82–3
  - welfare asymmetries across generations and life course 64–72
- Lindley, Robert 6, 15, 51, 97, 102, 123, 132, 134

- Lisbon Strategy 19–21, 243–4, 245, 248, 250, 253, 254, 256, 263, 266–8
- Lundvall, Bengt-Åke 13, 15, 36, 38, 209, 210, 215, 216
- McIntosh, S. 222
- McNair, C.J. 211
- Macneil, J. 206
- McRae, Hamish 1
- Majnoni d'Intignano, Béatrice 160
- Mann, L. 210
- Marsden, D. 222
- Marshall, Alfred 12
- Marshall, R. 112
- Martin, J. 75
- Marx, Karl 36, 219
- Marxism 8
- Maskell, P. 209
- mass customisation 5
- mass media, European identity and 238–9
- mass production 155–7
- Maurel, Françoise 163
- Maurice, Joël 151, 176, 179, 182
- Mayer, A. 223
- Mazier, Jacques 148
- media, European identity and 238–9
- Mirowsky, J. 64
- mobility of labour 239
- modification of EU processes 135–6, 137–40, 141–2
- Moeller, Gustav 54
- monetary policy 174, 177–82
- monetary union in EU 29, 148, 151, 175–7, 245
- moral hazard 184
- Morin, Edgar 7
- Mosley, H. 223
- multidimensionality 7–8
- multiethnicity and multiculturalism 239–40
- Myers, D.W. 112
- Myers, P.S. 112
- Nadel, H. 6
- Nair, Sami 7
- national income accounting 86
- national systems of innovation, benchmarking 215–23
- nationalism 233, 235
- Nelson, R.R. 46, 209, 216
- Netherlands
  - economic growth in 30, 31
  - ICT in 49
  - innovation in 166, 227
  - social pact 155
- networking 5, 171–2, 240
- 'new economy' 4
- Nickell, S. 102
- Nielsen, P. 210
- North Atlantic Treaty Organisation (NATO) 241
- Norway
  - ICT in 49
  - innovation in 166
- Obstfeld, Maurice 12
- occupations
  - employment trends 102–7
  - new professional ethic 112–16
  - qualitative aspects of occupational change 108–10
- Offe, Claus 84
- older people
  - pensions 65–7, 68–9
  - retirement 68–71, 79, 80–1, 84–5, 182
  - underutilisation of skills 121
  - welfare systems and 61, 63, 64–7
- open method of coordination (OMC) 250–6, 261, 262, 264, 265, 311
- organisations
  - learning 5, 111
  - redesign 167–71
  - styles of 111–12
- Orszag, P. 67
- output legitimacy, integration of EU 263–6
- overeducation 121
- Palmer, J. 64
- Parrochia, Daniel 8
- participation rates 68, 100
- patents 47
- pensions 65–7, 68–9
- Petit, Pascal 159
- philosophy
  - intellectual horizon 6–10

- of knowledge 6–7
- political 8–9
- of science 7–8
- Pisani-Ferry, Jean 161, 175, 186
- Polanyi, Karl 4, 217
- political identity 240
- political orientations 17–19
- political philosophy 8–9
- political questions on integration of
  - EU 266–8
- Popper, Karl 7
- Porter, M. 48, 209
- Portuguese Presidency of the EU
  - conclusions 297–312, 315–21
  - coordinating efforts to achieve new strategic goal 275–8
  - coordination of policies for a European strategy 277–8, 295–6
  - economic reforms 284–6, 297–9
  - macroeconomic policies for sustainable growth 291–3
  - methods for achieving a European dimension 293–5
  - putting decisions into practice 310–12
  - renewing the European social model 286–91, 306–10
  - towards an innovation and knowledge-based economy and society 278–84, 299–306
- post-modernism 8, 207
- poverty 55, 59, 61, 65, 71, 291
- Preston, J. 111
- Preston, S. 64
- production of knowledge 36
- productivity 69
- professions 112–16
- public sector 129
  - benchmarking 204, 212–14
- Putnam, R.D. 219
- qualifications
  - occupational employment trends and 104
  - skills and 118
- Quermonne, Jean-Louis 189, 198
- rational choice theories 11
- rational expectations 207
- rationalism 6
- regional policies 184–5, 240
- regionalism, European governance
  - issues and 242–4
- Reich, Robert B. 5, 112
- religion 235
- research 185, 283–4, 301–2, 316
- retirement 68–71, 79, 80–1, 84–5, 182
- risk, European social model and transformation of social risk and needs structure 58–64
- Romer, Paul 12
- Rosanvallon, Pierre 6
- Rosen, S. 73, 88
- Rosenau, James 242, 249
- Rosenberg, N. 216
- Ross, C. 64
- Rothwell, R. 216
- Russia 236
- Saillard, Yves 13, 148, 167
- Sako, M. 216
- Samson, D. 210
- Scarborough, H. 111
- Scharpf, F.W. 248
- Schmitter, P.C. 247
- Schön, D.A. 112
- Schumpeter, Joseph 12, 36, 45
- science
  - philosophy of 7–8
  - science and technology system 39, 46, 50–1, 283–4
- Sen, Amartya 7
- service sector
  - as leading sector in economies 159–60
  - proposed expansion of 55, 72–5
- Shavit, Y. 75
- Silverberg, Gerald 12
- single market programme 28, 303–4, 317–18
- single parents 61
- skills 107, 111
  - qualifications and 118
  - shortages 104–7
  - social exclusion and 121
- Smeeding, T. 64
- social accounting 86
- social capital 219

- social exclusion 6, 55, 56, 95, 99,  
118–27, 290–1, 309–10, 319–20  
  how it arises 120–1  
  human resources regimes and  
    reduction of 123, 125–7  
  meaning of 118–20  
  skill and 121
- social model *see* European social  
  model
- social pacts 155
- social sciences, new insights in 10–13
- social systems of innovation 163–5,  
166–7, 185
- social theory 11
- social welfare *see* welfare systems
- Socrates programme 282
- Soete, Luc 12, 14, 34, 47, 157, 160
- speculation 184
- Spendolini, M.J. 206, 211
- Stern, S. 48
- Stewart, T.A. 111
- Stiglitz, J. 67
- stock markets 45
- Storesletter, K. 67
- strategic leadership, integration of EU  
  and 256–60
- strengths and weaknesses of the EU  
  155–63, 297–8
- structural funds 184–5
- subsidiarity principle 182, 198
- subsidies 73, 184
- supervision of financial sector 183–4
- sustainability 291–3
- Swan, J. 111
- Sweden  
  female employment in 72  
  ICT in 49  
  innovation in 166  
  investment in knowledge 40, 41  
  occupational employment trends 104
- Taddei, Dominique 182
- Tapscott, Don 5
- taxation 73, 183, 292, 305, 321
- technological change 4–5, 29
- telecommunications industry 28
- Telò, Mario 1, 15
- ter Weel, B. 34
- theory, construction of facts and 7
- Third Way 55
- Thompson, L. 67, 68
- Thurow, Lester C. 4
- Tolliday, Steve 185
- Torrey, B. 64
- Touffut, Jean-Philippe 185
- Toyotism 155–7
- trade unions 155
- training *see* education and training
- Turner, Jonathan H. 11
- unemployment 59, 61, 100, 118, 120–1,  
152, 175, 263  
  monetary policy and 177–9  
  no-work households 56, 61  
  *see also* social exclusion
- United Kingdom  
  benchmarking in 211  
  financial sector in 45  
  innovation system 166  
  investment in knowledge 40, 41  
  welfare system in 58
- United Nations 3
- United States of America 163  
  benchmarking and 227  
  economic growth in 30, 31, 34  
  employment in 100–2  
    occupational employment trends  
      102  
  financial sector in 45  
  innovation in 46–7, 166  
  investment in ICT 45–6  
  investment in knowledge 40, 41, 48  
  science and technology system 46  
  transition to knowledge economy in  
    44–8  
  unemployment in 100, 102
- universities 47, 48, 116–17
- Van Der Heijden, Kees 10
- Veblen, Thorstein 12
- Veneri, C.M. 104
- Vidal, Jean François 148
- Vignoles, A. 222
- wages 69, 70, 81–2  
  adjusting negotiations to monetary  
    policy 179–82  
  subsidies to 73
- Wallace, William 1
- Walras, Leon 12



- Watson, G.H. 206  
Weiler, J. 263  
welfare systems 54–90, 147, 183, 193  
  costing out social investment in  
  families 88–90  
  diversity of 57–8  
  leisure and work 83–5  
  link to labour markets 72–5  
  modernisation and renewal 3–4,  
  16–17, 72–83, 286–91, 306–10,  
  318–20  
  overview of issues 54–7  
  transformation of social risk and  
  needs structure 58–64  
  welfare asymmetries across  
  generations and life course  
  64–72  
Wells, W. 102  
Whitley, R. 209  
Wolfe, B. 75  
women 59, 66  
  employment 56, 71–2, 73–4,  
  88–90  
  underutilisation of skills 121  
Woolcock, M. 219  
working hours 83–5  
World Trade Organisation (WTO) 3,  
  233  
Wright, Anthony 9  
Wright, David 1  
Xerox 206  
young people, problems facing 59, 66  
Zysman, John 46