Index

adoption of euro see euro adoption
and rapid euro adoption
Ahearne, Alan 157, 158, 160, 163, 164
Albania 110, 112, 115, 116, 122
Anderson, S.A. xv
Andrle, M. 53
animal spirits xvi–xviii
Keynesian xxi
Australia 145, 149
and Board of Statistics 150–52
Austria 120, 121–2, 153, 156, 180 see also Raiffeisen International
Babanin, O. 188
balance of payments (BoP) assistance 8–9
Balassa–Samuelson effect 15, 85, 153
Baldwin, Richard 13, 51
Baliño, Tomás 90
Baltic States 8, 215
banks/banking systems 119–23, see also European Central Bank (ECB)
Bank of Slovenia 50
Central Bank of Russia (CBR) 203, 204–5, 207–8
in Central and Eastern Europe (CEE) 211–14
Citibank 209
Czech National Bank 53, 56, 68
and Deposit Insurance System 208
Eesti Pank (Estonia) 77
foreign ownership of 176–7
Intesa Sanpaolo see main entry
KIT-Finance Bank 203
National Bank of Serbia (NBS) 23–33
and consumer protection issues 25
National Bank of Slovakia (NBS) 50, 84–5
Nordic 77
Oesterreichische Nationalbank 14, 110
and ownership of SEE banks 119
ownership structure of 25
Raiffeisen see main entry
Russian 201–9
trust in 116, 119
deterioration of 120–23
and trust in local currencies 123
UniCredit 211
Basel II prudential requirements 181
Bayoumi, T. 50
Beddies, Christian H. 90
behavioural macroeconomic model xiv–xvi
Belgium 155–9
house prices in 152
manufacturing ULC in 162
Bénassy-Quéré, A. 141, 142
Berthou, A. 132, 133, 134
Blanchard, Olivier 162
Bosnia and Herzegovina 23, 110, 113–17, 121–4, 179
and IMF programme 10
bottom-up systems/rules xii–xv, xvii–xviii
Branch, W. xv
Brock, W. xv
bubbles 184–8, 190, 192–5 see also overconfidence and Ukraine
bursting of 194, 195
commodity price 184, 190, 195
definition of 194
housing 5
speculative 184–5
Bufman, Gil 90, 93, 98
Buiter, W. 38
Bulgaria 23, 110, 111, 116, 120, 122, 215
business cycle theories xviii–xix
behavioural model xviii
The euro and economic stability

and endogenous inertia xviii
and informational inertia xix
rational expectations (DSGE)
models xviii

Camerer, C. xiii
Canada/Canadian 145, 149–51, 154
currency substitution in 90
dollar/dollarization in 96
provinces 161
CEE countries 3, 8–10, 70–74, 85, 87,
90, 109–10, 112–14, 116–17,
121–2, 125, 163, 192–3, 196,
199–225 see also Russia(n)
EU and ECB support for 71
financial crisis in 70–71
and Intesa Sanpaolo: post-crisis
business model 215–25
need for sustainable convergence
process for 72–3
and Raiffeisen International 211–14
stop of capital inflows to 220
CEE and SEE countries, crisis in 8–10
see also Baltic States; Hungary;
Romania and SEE (South-Eastern
European) countries
policy challenges for 9–10
Central Asia see currency substitution
in economics of Central Asia
Kazakhstan 89, 91–3, 95–7, 101,
103–4, 106–8, 222
Kyrgyz Republic 89, 91, 92, 95,
96–7, 101, 103, 106, 107–8
Kyrgyzstan 91, 92–3, 106, 107–8
Tajikistan 89, 91, 92, 95, 96–7, 101,
103, 104, 106, 107–8
Central and Eastern Europe see CEE
CESEE (Central, Eastern and South-
Eastern European) countries
ix–xi
economic crisis in 15
euro as safe haven asset in 109–28
euro’s contribution to economic
stability in 13–19
and Maastricht convergence criteria
17–18
rapid euro adoption by 17–18
chapter notes xxii, 12, 18, 33, 68, 74,
104, 126–7, 143, 168–9, 183, 196,
214
China 211
and foreign trade in Swiss francs 43
as largest US creditor 40
Clarida, R. xix
Coeuré, B. 141
commodity price(s) 201, 202
bubbles 184, 190, 195
Commonwealth of Independent States
(CIS) countries 215, 217, 219, 221
Consensus Economics inflationary
forecasts 153
countries
in EU but outside euro area 37
in Europe, not in EU 38
which have adopted euro 37
credit default swaps (CDS) 14, 82, 203
crises
of 2008–09 142
of 2009–10 138
global economic 3–4
overconfidence as cause of see
Ukraine
role of euro in 36–9 see also rapid
euro adoption
and sudden stop of credit 222
as test of euro 167
crisis in emerging Europe 172–83 see
also European financial
supervisory architecture
and cross-border linkages 175
international support during 178–9
Vienna Initiative 178–9
mitigated by financial integration
174–8
and new European financial
supervisory architecture 179–83
slow recovery from 182–3
crisis management 145, 164, 182
cross-country coordination of
179–80
framework 5
Croatia 14, 110, 112–17, 120–24, 173,
181, 216, 217, 222
currency substitution in economies of
Central Asia (and) 89–108 see also
Central Asia
appendix to 106–8
currency substitution model 93–5
economic welfare and dollarization
100, 102–3
Generalized Method of Moments (GMM) framework/estimates 90, 97
implications for seigniorage revenue 98–100, 101
and institutional framework 91–3
Czech Republic (and) 48–69, 86–7, 110, 112, 123, 168, 215
empirical evidence of benefits and costs 51–2
expected benefits and costs for 49–51
macroeconomic volatility and euro area membership (and) 52–65
asymmetric shocks 58–9, 64
depiction evidence 63
Kalman filter 53
methodological caveats 55–6
methodology 53–5
no euro 56–8
robustness and changing shock variability 61–3
symmetric shocks 59–60, 64
National Bank (CNB) 53, 56, 58

Darvas, Zsolt 163, 165, 166, 168
De Freitas, M. 118
De Grauwe, Paul xi–xii, xiv, xv, xvi
De Jong, P. 53
De Larosière, Jacques 181
Dean, J.W. 114
Delgado, Juan 163
Della Vigna, S. xiii
Denmark 38, 39, 142, 163, 182
divergent economic growth 147
Duffy, J. 118
Dullien, Sebastian 164–5
Dvorsky, S. 120, 123
Dynamic Stochastic General Equilibrium (DSGE) models xiii, xviii–xix, xxii
New Keynesian 53

Economic and Financial Affairs Council (ECOFIN) 7
Economic and Monetary Union (EMU) 3, 5, 8, 33, 136, 216, 219, 222
adjustment of imbalances within 16
Broad Economic Policy Guidelines 142

lessons for enlargement of 142–4
policy reaction 56
Stability and Growth Pact 7, 142, 166
and sustainable convergence 70
Economic Co-operation and Development, Organization for (OECD) 195, 223
data/database 138, 150–52
markets 134
economic crisis/crises see crises
economic divergence within euro area (and) 131–44
euro and the world 139
international role of currencies 140–41
lessons for EMU Enlargement see Economic Monetary Union (EMU)
microeconomic divergence 136
Eichengreen, B.J. 50, 157
emerging see also crisis in emerging Europe
economies 9, 73
market and transition economies 89
equations 94–5, 98
aggregate demand xiv–xv
aggregate supply xiv, xv
Euler 90, 94, 104
measurement 53
non-linear 90
Estonia 77–83, 173, 181, 192–3, 216, 217, 220, 222 see also euro area as shelter
5-year credit default swaps (CDS) premia in 82
banks/banking system of 77–8
economy in brief 77–8
and euro shelter/trade shock 80–81
exports 80
and post-Lehman crisis 78–9, 80, 83
EU-3 countries 38 see also European Union (EU)
EU-12 134, 135
EU-27 7, 134, 135, 184, 185, 217
EUR/USD relation 45–6
euro (and/as)
CEE/SEE countries in crisis 8–10
The euro and economic stability

contribution to economic stability in CESEE 13–19
EU members not yet integrated in euro area 10–11
need for coordinated exit strategies 6–8
nominal anchor/stability of 37
total to become global currency 42
role of the 3–12
US dollar 40
euro adoption, preparing for 70–74 see also CEE countries
and crisis outside EU borders 73–4
importance of credible strategy for 73
euro adoption 21–74 see also Czech Republic; rapid euro adoption and Serbia
attractiveness of 10–12
challenges of preparation for 11
as key anchor for policies/
expectations for NMS 11
preparing for see euro adoption, preparing for
rapid see rapid euro adoption
euro area 75–128, 161 see also currency substitution in economies of Central Asia; Estonia; euro area as shelter; euro as safe haven asset in CEE and SEE and Slovakia
coordination requirements of 8
and GDP 41
divergences for enlargement 145–71 see also euro area diversity
facts from 145, 160–65
lessons from 145–6, 163–8
diversity (and) 148–60
competitiveness and export performance 153, 155–7
interest rate scapegoat and divergences 152–3
labour mobility 157–60
in main indicators 148–9
real house price movements 149–52, 154–5
as shelter 77–83, 145, 163 see also Estonia
and current influence of euro 79–80
and financial channel 81–2
euro as safe haven asset in CEE and SEE (and) 109–28 see also surveys
deposit withdrawals during the crisis 119–23
and analysis of household savings statistics 120–23
and decrease of trust in local currencies 123
as trust in banks deteriorated 120
effect of crisis on portfolio behaviour of households 123–4
extent of currency substitution 112–15
implications 125–6
persistent deposits substitution 115–17
structural causes of euroization and reasons for high cash preference 117–19
Eurogroup 142
European Bank for Reconstruction and Development (EBRD)
Transition Report (2009) 175
European banking coordination initiative see Vienna Initiative
European Central Bank (ECB) 3–4, 5, 16–17, 34, 38–9, 49, 51, 54, 60, 70, 86, 137, 146, 153, 163, 164, 166, 213, 214, 223
enhanced credit support policy 71
and ESRC 182
mandate 142
European Commission 3, 5, 50, 86, 158, 162, 164, 166, 180
balance of payments support 178
Eurobarometer of 112 see also surveys
and excessive deficit procedure (EDP) 7–8
forecasts 4, 7
Larosière report (2009) 6
legislative measures proposed by 6
macro-financial assistance loans 10
and mortgage lending 180
report on ‘EMU@10’ 5
report on fiscal sustainability 7
St. Andrews meeting (2009) 8
Index

European Council 3
European Court of Justice 182
European Economic and Monetary Union (EMU) 35–6
European Economic Integration, Vienna Conference on (CEEI) xi
European financial supervisory architecture (and) 179–83
EU plans for European Systemic Risk Council (ESRC) 181
risks from foreign currency exposures 180–81
European Monetary Union see Economic and Monetary Union
European System of Financial Supervision 182
and European Supervisory Authorities 182
with responsibility for micro-prudential supervision 182
European Systemic Risk Council (ESRC) 181
and relationship with ECB/ESFS 182
to support macroprudential supervision 181–2
European Union (EU) 4, 78, 223 see also new member states (NMS)
BoP assistance 8–9
Central and Eastern Europe members of 50
enlargement rounds 13
macro-financial assistance 10
medium-term assistance facility 8, 71
member states 110, 114–15
member states, non-euro 35
neighbour states: supervisory relationships and crisis management 182
plans for European Systemic Risk Council (ESRC) 181
strategic owners from 25
support to CEE countries 71
treaties 9, 11, 166
Eurostat 6, 135, 137, 150–52
Evans, G. xv
exchange rate, effective 153, 156, 223–4
exchange rate mechanism (ERM) 23
ERM II 17, 39, 44, 45, 85
export markets 165
collapsed 219
External Stability Pact 165
Feige, Edgar L. 90, 92, 114, 118
Feldstein, M. 50
financial assistance
balance of payments (BoP) 8–9
budget support 10
Instrument for Pre-Accession Assistance (IPA) 74
Macro-Financial Assistance (MFA) 10, 74
Medium-Term (MTFA) 8–9, 71
Financial Sector Assessment Program (FSAP) 24
Financial Stability Board (FSB) 181
G-20 endorsement of recommendations 181
Finland 64–5, 153, 156, 161, 164, 165
inflation and consumption growth volatilities in 67
Fischer, Stanley 98
Fontagné, L. 132, 133, 134
foreign bank ownership 176, 178
foreign currency cash (FCC) 110
holdings 111
ownership of 112
in SEE countries 114
foreign currency deposits (FCDs) 111, 117
foreign currency lending 15, 178, 180–81, 224
foreign direct investment (FDI) 14, 35, 88, 91, 165, 195
foreign exchange (FX) 24, 40–42, 50, 79, 91–3, 131, 139, 224
FOREX regime/positions 140–41, 221, 223
Fowler, James H. 185, 188
France 153, 155–9, 162
and exports to euro area 132–4
house price increases in 147, 149, 152
Frankel, Jeffrey 37, 49, 51
and the impossible trinity 37
Friedman, Alla 90, 91, 93, 96, 98, 100
Friedman, Milton 14
Friedrich, Christian 176
FYR see Macedonia, Former Yugoslav Republic of (FYR)
The euro and economic stability

G-20 endorsement of recommendations 181
Finance Ministers 8
Gali, J. xix
growth 6, 35, 52, 67, 149–50, 160–62, 173, 185, 189, 211, 213, 216
real 172–3, 190
German(y) 65, 67, 136–8, 150–53, 156–63, 165, 220, 222
bonds 44, 74
inflation and consumption growth in 64, 67
mark 43
Giannone, D. 52
global economic crisis 3–4, 85, 87–8
debt crisis in 146–7, 164
Grimaldi, M. xv
Guiso, L. 119, 120
Gürgen, Emine 89
Gylfason, T. 187, 188

Hamilton, J.D. 53
Hansen, Lars P. 90, 95
Harrison, Barry 90
Havránek, T. 51
Havrylyshyn, Oleh 90
Hayek, F. xiv
Herzegovina 23
Hommes, C. xv
Horváth, Balázs 90
household consumption 103, 217–18
housing 4–6, 158, 190, 193–4
market booms and busts 16, 158, 160–65
prices 29, 145, 147, 149–57, 184
Hungary 16, 26, 38, 39, 86–7, 110, 114, 120, 147, 163, 168, 179, 180, 182, 217
EU/IMF financial support for 8–9
Hurnik, J. 53

Iceland 38, 136, 163, 168
Imrohoroğlu, Selahattin 90, 93, 96
inflation and consumption growth 52, 54, 56, 61, 63, 64, 66, 67
inflationary forecasts (Consensus Economics) 153
International Monetary Fund (IMF) 8–9, 38, 71, 164, 213, 223
and balance of payments support 178
Intesa Sanpaolo: post-crisis business model 215–25
Ireland 36, 142, 147, 152, 153, 156, 160–64, 167
and migration infl ow 158
Italy 119, 136, 137, 147, 150, 151, 152, 155–9, 161, 163, 165, 222
Ize, A. 118
Johnson, Dominic D.P. 185, 188
Joint International Financial Institutions (IFI) Action Plan 179

Kahneman, D. xiii
Kalman filter/filtration 53
Kamps, A. 139
Knell, M. 120
Knight, D. 42
Krugman, Paul 156, 158

labour mobility 157–8, 160, 162, 164
low 146, 158
Lane, Philip 163, 168
Latvia 38, 173, 179, 181, 184, 185, 192, 193, 216, 217, 220, 222
EU/IMF monetary assistance for 9
Lehman Brothers 15, 23, 70, 110, 122, 184, 202, 212
and post-Lehman period 78–9, 80, 83, 213
Leiderman, L. 90, 93, 98
Leijonhufvud, A. xiv
Levine, Sheen S. 187
Lisbon Treaty 74
Lucas critique 55
Luxembourg 136, 137, 149, 152, 156, 159, 222
Maastricht Treaty 17, 166
and adoption of euro 70
convergence criteria 17–18
criteria 143
inflation criterion 166–7
Macedonia, Former Yugoslav
Republic of (FYR) 110, 112–17, 120–24, 173
Maino, Rodolfo 90
Martin, J. 134
Mediterranean
countries 147, 163
EU euro area member states 146, 168
Méjean, J. 134
models 118 see also post-crisis business
models of banks in CEE
of currency substitution 93–8
Generalized Method of Moments
(GMM) model 176
growth 17, 215, 217, 224
home-country 179–80
Mody, Ashoka 160
Mongelli, F.P. 51
Montenegro 10, 23
Morales, J.A. 118
Münchau, Wolfgang 164
Mundell, R. 131
Netherlands 136, 137, 152–3, 155–9, 165, 222
new member states of EU (NMS) 3, 8–11, 38, 46, 149, 168
Nicolo, G.D. 118
Northern Rock 212
Norway 38, 136
Obstfeld, M. 49, 50
Oomes, N. 118
optimum currency area (OCA) 37
criteria 168
literature 157
paradigm 13
theory 131, 158
output stabilization xix–xxi
overconfidence 185–90, 194, 196 see
also Ukraine
and unrealistic optimism 189
Pisani-Ferry, Jean 144
exports and imports of 45
implications for economy of 44–6
National Bank of 42
Pomfret, Richard 91
Portugal 147, 161–2, 165
Posen, Adam 163
post-crisis business models of banks in
CEE see Intesa Sanpaolo;
Raiffeisen International and
Russia
post-Soviet countries 187–8
Prean, N. 120
price levels 14, 15, 94, 134, 142, 147, 168
Raiffeisen International 211–14
rapid euro adoption (and) 34–47
euro as safe haven currency 43–4
euro as shelter 42–3
fast but in line with fundamentals 39
implications for Polish economy
44–6 see also Poland
internal role of euro 40–42
international context for 39–40
living with/without euro during
crisis 36–9
net balance of the euro adoption
34–6
Reding, P. 118
references 12, 18–19, 47, 69, 104–5, 127–8, 143–4, 169–71, 183, 197–8, 224–5
relative risk aversion (RRA) 90, 96
risks from foreign currency exposures
180–81
Rogoff, K. 49, 50
EU/IMF monetary assistance for
8–9
Rose, A. 49, 51
Russia(n) 172, 178, 222
banking sector post-crisis 201–10
Central Bank of 203–5, 207–8, 213
corporation governance 206
and crisis as opportunity 208
The euro and economic stability

Deposit Insurance Agency 203–4
economy 91, 210
Finance Ministry 207–8
financial turmoil in 203–5
GDP in 205
household sector 210
labour regulation 210
non-performing debt/loans 205–6
recapitalization experience 207–8
as safe haven 201–2
transparency 206
Rybiński, K. 40

Sahay, Ratna 90
Sapienza, P. 120
Sapir, André 144
Savastano, M.A. 118
Scheiber, T. 111, 114, 115, 116, 118, 119
Scheinman, José A. 185
Schwarzer, Daniela 164–5
SEE (South-Eastern European) countries x, 8–10, 109–10, 112–17, 119, 121–2, 125–6
Selçuk, Faruk 90, 93, 96
Serbia 23–33, 111, 113, 116, 120, 122, 123, 179, 217, 218
consumers’ savings/lendings in 26–31
chapter notes for 33
current use of euro in 23
EC budget support assistance to 10
economic deterioration in 26
exchange rate adjustment in 31–3
exchange rate regime and NBS policies in 24–6
and IMF program 10, 31
ownership structure of banks in 25
reference rate in 25
and RSD 23–4
Serbia, National Bank of (NBS) 23–33
bonds 27–8
consumer protection issues for 25
fit and proper policy of 25
policies and exchange rate regime 24–6
and role of dinar (RSD) 24
shock(s)
asymmetric 55–6, 61, 62, 64
demand and technology 57
foreign economy/exchange rate 62–3, 68
groups 66
identification of 54
labour technology 64
structural 53–6
symmetric 55–6, 59–60, 62, 64, 65, 66
variability 61
single monetary policy 8, 72, 138–9
Slovakia (and) 84–8, 110, 111, 112, 113, 212, 215
5-year credit default swaps (CDS) premia in 82
advantages of euro adoption in 86–7
Balassa–Samuelson effect 85
foreign direct investment (FDI) 88
koruna 85
limited effect of credit crisis in 87–8
National Bank of 50, 84–5
ownership of banks in 86
participation in ERM II 85
seen as reliable 87
Slovenia 82, 86, 173, 215, 222
5-year credit default swaps (CDS) premia in 82
Bank of 50
Smets, F. xiii
South-Eastern Europe see SEE
Spain 35, 36, 38, 136–8, 147–8, 152–3, 155–6, 158–60, 162, 165, 220, 222
and inflow of migrants 158
ULC rise in 158
Statistics Canada 150–52, 154
Stix, H. 111, 114, 115, 116, 118, 119, 120
surveys
Eurobarometer (EU) 112
Oesterreichische Nationalbank (OeNB Euro Survey) x, xi, 14, 110–16, 120–21, 123–4
Svensson, L. xix
Sweden 37, 38, 39, 64–5, 136, 182, 222
inflation and consumption growth volatilities in 67
Switzerland 38, 136, 141
and Swiss franc 43
Szapáry, György 166, 168
Index

Taylor rule xiv, xv, xx, 54, 60
parameters of xix
Thaler, R. xiii
Treaty on the Functioning of the
European Union 143, 166
Turkey 10, 25, 136, 173, 211, 222
Turkisch, E. 142

Ukraine 38, 172, 173, 174, 178, 179, 181, 184–98, 213, 216
appreciation/depreciation of
Hryvnya 194, 195
business costs in 190
domestic credit in 192–3
GDP growth in 185
increase in inflation in 194–5
monetization level in 191–2
National Bank of 188, 195
and Orange revolution (2004) 190
overconfidence as cause of crisis in
184–98
pre-crisis situation in 184
Prime Minister of 189
restoration of household incomes in
188–9
and speculative bubbles 184–5, 188,
190, 192–4
unit labour costs (ULC) 145, 153–6,
158–9
United Kingdom (UK) 38, 45, 136,
141, 145, 150, 151, 154, 155, 161
house prices in 149
United States (US) 120, 132, 145, 147,
161, 166–7

Census Bureau 149
data 149
dollar (USD) 39–40, 43–4, 91, 92,
112, 132, 139
high level of debt of 39–40
overconfidence of financial
authorities in 187

Végh, Carlos A. 90
Verbetsky, Alexey 90, 91, 93, 96, 98
Véron, Nicolas 163
Vienna Conference on European
Economic Integration (CEEI) xi
Vienna Initiative 9, 12, 17, 178–80
Visegrad group countries 86–7 see also
Czech Republic; Hungary and
Poland
von Weizsäcker, Jacob 163
Vymyatnina, Yulia 90

Woodford, M. xix
World Bank
data 107
‘Doing Business’ report 189
World Trade Organization (WTO) 195
Wouters, R. xiii
Wyplosz, C. 51

Xiong, Wei 185
Yeyati, E.L. 118

Zajec, Edward J. 187
Zingales, L. 120