Index

Abbreviations used in the index:
EO – entrepreneurial orientation
SMEs – small and medium-sized enterprises
TPB – Theory of Planned Behaviour

Titles of publications are shown in *italics.*

absorptive capabilities 224–5, 227
Norwegian petroleum industry 233–6, 242–3
achievement, need for 87–8
Acs, Z.J. 280
action research 22–4, 42–3
Adams, R. 276
adaptive capabilities 224–5, 228
Norwegian petroleum industry 236–42, 243–4
advantage-seeking behaviour 205–6
Africa, innovative performance 275–305
Ahmed, P.K. 224, 227
Ajzen, I. 60, 61, 65, 89, 163
Alvarez, S.A. 183, 185
ambiguity tolerance 88
Ambrosini, V. 242
Amit, R. 315, 316
AR (action research) 22–4, 42–3
arbitrage 185
Argyris, C. 43
Arikan, A.T. 287
Armitage, C.J. 62, 63
attitude towards behaviour, TPB 62–3, 156
attitude towards entrepreneurship 65, 103, 163
Audet, J. 61
Audretsch, D. 205
Austrian rent 185, 187
Autio, E. 60
autonomy
as cultural value 158–9
and EO 188
Italian universities 137
Baragheh, A. 276
Barnes, J. 281, 303
Barney, J.B. 185, 190, 192, 225
Baron, R.A. 101
Barreto, I. 193
Barringer, B.R. 188
Barroso, J.M. 339
Bayh–Dole Act 128
behavioural competencies 84–5
and entrepreneurial intentions 87–9
Bell, S.J. 283
Bessant, J. 283
Big Five personality traits model 88
Birkinshaw, J. 228
Blenker, P. 18
Bluedorn, A.C. 188
Bologna, University of 147–8
booster sphere 242
Borba, M. 47
Bowman, C. 242
Bowman, N. 88
Brazeal, D. 104
Bumpus, M. 85
Burton, G. 85
Busenitz, L.W. 183
business models 314–17
and entrepreneurial strategies 319–21, 332–6
food industry 321–32
functions 320–21
business rejuvenation, food industry SMEs 334–5

Caliendo, M. 88
Casadesus-Masanell, R. 317
Casey, M.A. 25–6
CDA (Critical Discourse Analysis) 126–7
change agents 30
Chase, R. 204
Chen, C.C. 61
Chesbrough, H. 320
Chrisman, J.J. 182
Clair, D. 126
Clark, B.R. 129
clusters and innovative performance, Africa 278–305
Suame Magazine 286–300
cognitive competencies 83–4
and entrepreneurial intentions 86–7
Cohen, L. 42, 43
Cohen, W.M. 227
collaborative learning 22
commercialization of innovation 226, 282–3
communication skills, service businesses 210–11, 216–17, 218
community entrepreneurs 253–72
resource mobilization strategies 256–7, 263, 267–70, 270–71
community ventures 253
and community resource holders 263–7
music festivals 261–70
and social embeddedness 253–6
competence development 79–94
behavioural competencies 84–5
cognitive competencies 83–4
and entrepreneurial intentions 85–9, 91–2
Junior Enterprises 81–5
and networks 89–90, 92
Conceptual Richness and Methodological Diversity in Entrepreneurship Research (Fayolle et al.) 2
Conner, M. 62, 63
constraints to learning 281, 303
and innovative diffusion 295
constructivism and entrepreneurship education 18–19
control, need to 88
cooperation, Social Economy and conventional firms 347, 351–2, 357
copying and imitation, African firms 304
entrepreneurship (CE) 182 and performance 182–3
and rent creation 181–2, 183–96
Covin, J.G. 181, 183, 196, 319
creativity and entrepreneurial activity 208
and service businesses 214–15, 218
Critical Discourse Analysis (CDA) 126–7
Cruz-Ros, S. 210, 211
cultural values 154–5, 157–61
and entrepreneurial potential 161–72
regional differences, Spain 164–5
customer absorptiveness, petroleum industry 235–6

Dahlgaard, J. 215
Dahlgaard-Park, S. 215
Davis, K. 226
De Jong, B.A. 110
Dees, G. 344
Delamare Le Deist, F. 83
Denmark
development partner with Ghana 285
third mission of universities 136
Denzin, N.K. 43
Dess, G.G. 186
developmental networks 82–3
and competence development 89–94
Dhaliwal, S. 85
diffusion of innovation 281–2, 292–6
discourse analysis 126–7
entrepreneurial universities 129–30
Italian universities 143–8
doctoral programme, HAAGA-HELIA university 15–34
developing teaching and learning 28–30
doctoral dissertations 30–32, 38–9
doctoral studies 27–8
targets 15–20
domain renewal, food industry SMEs 334
Downing, S.M. 44
Dyer, J.H. 280
dynamic capabilities (DC) 207–8, 225–7
and corporate entrepreneurship 191–3, 194, 195
and new firms 223–5, 227–45
dynamic resource management 207
Dynamics between Entrepreneurship, Environment and Education, The (Fayolle et al.) 1–2
economic development and entrepreneurship 275
education, see entrepreneurship education
Eerola, T. 21, 30
egalitarianism 159–60
Eisenhardt, K.M. 224, 322
Elfring, T. 110
embedded relationships and community ventures 253–6
embeddedness 158–9
emotional autonomy 158–9
employee mobility and innovative diffusion 295
employee selection process, service firms 212–13
energizer behaviours 341–2
Engeström, Y. 21
Entrepreneurial Attitude Orientation scale 103
entrepreneurial competencies 83–5
entrepreneurial culture of organization 206
entrepreneurial intention 155–7
measurement 67, 163
and regional culture 161–72
and TPB 60, 62–4, 156–7
Entrepreneurial Intention Questionnaire 61, 64, 65–7, 72–3
entrepreneurial leadership 206, 215–16, 218
entrepreneurial mindset 205–6, 214–15, 218
entrepreneurial orientation (EO) 254
and doctoral study 20
and resource mobilization strategies 256–7
entrepreneurial potential 103–4
individuals 104–5
teams 102, 105–20
entrepreneurial potential assessment inventory (EPAI) 105
and venture competition performance 109–17
entrepreneurial quality, Social Economy and conventional firms 340–59
entrepreneurial rent 184–6, 187
entrepreneurial strategies
and business model 314–15, 319–21
food industry SMEs 321–36
mature industries 317–19
entrepreneurial universities 127–30, 149
entrepreneurship, definition 46–7, 117
entrepreneurship education aims 13–15, 40, 47
doctoral studies 13–34
measurement tool 40–55
Entrepreneurship Education and Training (EET) 79
Entrepreneurship Research in Europe: Evolving Concepts and Processes (Borch et al.) 2
Entrepreneurship Research in Europe: Outcomes and Perspectives (Fayolle et al.) 1
EO, see entrepreneurial orientation
EPAI (entrepreneurial potential assessment inventory) 105
and venture competition performance 109–17
Ernst, D. 277
ESU (European University Network on Entrepreneurship) 1
Etzkowitz, H. 127, 128, 129, 135
European Entrepreneurship in the Globalizing Economy (Fayolle and Todorov) 2
European University Network on Entrepreneurship (ESU) 1
expansive learning 21–2
external entrepreneurship 46–7
innovative speed, African firms 282–3, 296–300
intangibility of services 210
intellectual autonomy 158–9
intellectual property rights, Italy 137
intention, see entrepreneurial intention
interfirm knowledge exchange and innovative frequency 291, 292
internal entrepreneurship 20, 46–7
internal locus of control 88
Ireland, R. 205, 206, 207
Isaksen, E. 61
Isokangas, J. 14–15
Italy
R&D investment 136
university entrepreneurship, discursive analysis 133–50
Jackson, D.N. 61
JADE network 81
jazz festival, Norway 261
relationships with community resource holders 266–7
resource mobilization strategies 263, 269–70
JEs, see Junior Enterprises
Jones-Evans, D. 85
Junior Enterprises (JEs) 79, 81
and competence development 81–94
Jyväskylä, University of, doctoral programme 15–34
Kamm, J.B. 105
Kannan, P. 211
Katzan, H. 203–4
Kemmis, S. 42
Knockaert, M. 282
knowledge and innovative performance 280–81, 291–2, 302–3
Kolb, D.A. 47
Kolvereid, L. 61
Kotha, S. 228
Kram, K. 82
Krueger, N.F. 61, 104
Krueger, R.A. 25–6
Kupke, R.-K. 19–20
Kuratko, D. 205
Kyrö, P. 47
Laakkonen, R. 28
Larcker, D.F. 69
learning and innovative performance 281–2
learning methods, entrepreneurship education 14–15
Lee, S. 203
Lévi-Strauss, C. 256
Levinthal, D.A. 227
Lichtenthaler, U. 226
LIUC University, Castellanza 144
locus of control 88
Lumpkin, G.T. 186
Maglio, P. 201
Mahoney, J.T. 184
management skills, service businesses 216, 218
marketing skills 86–7
markets and innovation 226, 282–3
Martin, J.A. 224
Martinelli, A. 128
mastery 160
mature industries, entrepreneurial strategies 317–19
Mautner, G. 130
McClelland, D.C. 87, 88, 103, 104
McTaggart, R. 42
Measurement Tool for Entrepreneurship Education 40–55
meta-competencies 84
Metsämuuronen, J. 44
Milano, Polytechnic of 147
Milano, University of 144
Miles, M.P. 181, 183, 196, 319
Ministry of Education, Finland 13–14
monopoly rent 185, 187
Monzón, J.L. 344
Moore, G. 226
Moore, G.A. 226
Morris, M. 281, 303
motivation to comply 63
Mueller, S.L. 61
Mumby, D. 126
music festivals, Norway 257–8, 261–2
relationships with community resource holders 263–7
resource mobilization strategies changes 263, 267–70
Mytelka, L.K. 277, 303
Developing, shaping and growing entrepreneurship

National Agency for the Evaluation of University and Research System, Italy 137–8
need for achievement 87–8
need to control 88
need for power 88–9
Nerkar, A. 226
network adaptability, petroleum industry 238–9
network and entrepreneurial competence 79–81, 89–90, 92
networks
Junior Enterprises 81–8
see also clusters
Nevanperä, E. 34
newspaper articles on entrepreneurial universities 138–40
normative beliefs 63
Norway
food industry SMEs 321–35
music festivals 257–70
petroleum industry 229–45
Novak, J.D. 47
O’Brien, R. 20, 22, 23
open innovation 226
operational capabilities 192
opportunity-seeking behaviour 205–6
organizational adaptability, petroleum industry 239–40
Othman, R. 203, 212–13
Padova, University of 147
Pandian, J.R. 184
Parasuraman, A. 211, 215
participatory development, Measurement Tool for Entrepreneurship Education 42–3
PBC, see perceived behavioural control
Penrose, E. 189
Penttinen, E. 203
perceived behavioural control (PBC) 63, 156
measurement 67, 163
performance
and corporate entrepreneurship 182–3
and dynamic capabilities 192–3
and EO 188–9
personal values 157
Peteraf, M. 192
Peterson, R.A. 110
Phillips, N. 127
Pihkala, T. 61
planning skills 86
Polytechnic of Milano 147
Polytechnic of Torino 147
Porter, M. 314, 342, 343
power, need for 88–9
Prahalad, C.K. 183
productive dependence 343
Social Economy and conventional firms, Spain 348, 355–6
Proença, F. 211
professor’s privilege, Italy 137
project management skills 87
psychological traits and cultural values 170
R&D centre linkages and innovative frequency 291–2
R&D investment, Italy 136
Rabiee, F . 25
radical resource mobilization strategies 256
RBV, see resource-based view
recruitment process, service firms 212
Reitan, B. 61
relational embeddedness 255
rent generation and corporate entrepreneurship 183–96
dynamic capability perspective 191–3
EO perspective 186–9
resource-based view 189–91
resource-based view (RBV)
corporate entrepreneurship 189–91, 193–4, 195
and strategic resource management 206–7
resource management, service sector 206–8, 208–18
resource mobilization strategies, community entrepreneurs 256–7, 263
and relationships with resource holders 263–70
Ricardian rent 184, 187
Ricardo, David 184
Ricart, J.E. 317
Rindova, V.P. 228
risk-taking propensity 88
African firms 282–3, 304
and EO 188
and innovative speed 299
Ristimäki, K. 33
Ritchie, J. 25
Robinson, P.B. 103, 104
Robson, P.J.A. 276, 280, 303
Romero, I. 356
Ros, M. 164
Rosenbloom, R.S. 320
Rotter, J.B. 61
Rubin, H.J. 231
Rubin, I.S. 231
Santos, F.J. 340, 341
Santos, S.C. 105
Schmitt-Rodermund, E. 61
Schoemaker, P.J.H. 184
Schouten, H. 85
Schumpeterian rent 184–6, 187
Schwartz, S.H. 154, 158, 163–4
science labs links and innovative
frequency 291–2
Scuola Superiore Sant’Anna of Pisa
147
Seikkula-Leino, J. 47, 49
self-efficacy 63, 67, 156
service businesses
characteristics 203–4
requirements for organizations and
members 209–13, 219
resource management model 217–18
and strategic entrepreneurship
213–17
service science 201
Sexton, D. 88
Shane, S. 117, 226
Sharma, P. 182
Shulman, J.H. 42, 47, 49, 55
Shulman, L.S. 42, 47, 49, 55
Singh, H. 280
SMEs (small and medium-sized
enterprises)
Ghana 284–5, 286–300
in mature industries 314–36
service sector 209–18
social capital 342
social competencies 84
social context analysis, Italian
universities 135–40
Social Economy 339–40, 343–5
Spain 345–6
Social Economy firms and
conventional firms 340–41, 345–59
cooperation 351–2
functional dependence 353–5
innovation 348–51
productive dependence 355–6
survival rates 358
social embeddedness and community
ventures 253–4, 254–6
social entrepreneurship 344
social legitimation of entrepreneurship
170–71
socio-psychological characteristics of
entrepreneurial teams 101–20
Spain
entrepreneurial quality, Social
Economy firms 346–59
regional cultural values 164–5
Social Economy 345–6
university graduates, entrepreneurial
intentions 65–73, 161–8
Spencer, L. 25
Spencer, L.M. 103
Spencer, S.M. 103
Spinelli, J. 89
Spohrer, J. 201
Starkey, K. 278
strategic entrepreneurship 201–2,
204–6
and service businesses 213–17
strategic resource management, service
sector 206–8, 208–18
strategy adaptability, petroleum
industry 240–42
strategy skills 86
structural embeddedness 255
Suame Magazine automotive cluster,
Ghana 286–300
sub-contracting and innovative speed
282, 296–9
subjective norm, TPB 63, 156, 157,
163
supplier absorptiveness, petroleum
industry 234–5
survival rates, Social Economy firms
358
sustained regeneration, food industry
SMEs 332–4
Swaminathan, A. 317

Tallon, P.P. 316
Tangpong, C. 110
teachers of entrepreneurship 28–30
teams, entrepreneurial 102
adding new members 106
entrepreneurial potential 105–20
technology adaptability, petroleum
industry 236–8
Teece, D.J. 191, 193, 207–8
Term Frequency Inverse Document
Frequency index 141
Tesfachew, T. 277, 303
text analysis, Italian university websites
140–43
TF-IDF (Term Frequency Inverse
Document Frequency) index 141
Theory of Planned Behaviour (TPB)
60, 62–4, 156–7
third mission of universities 127, 136–8
Thomas, A.S. 61
Thompson, E.R. 61
Tidd, J. 283
time management skills 87
Timmons, J. 89
Tokuori, T. 282
Torino, Polytechnic of 147
TPB (Theory of Planned Behaviour)
60, 62–4, 156–7
transaction chains 283–4
Transfield, D. 278
Triandis, H.C. 158

UK, third mission of universities 136
universal competency model 103
universities
discursive practices 140–50
doctoral programme, HAAGA-
HEILIA university 15–34
entrepreneurial model 127–30
firm linkages and innovative
frequency 291–2
third mission 127, 135–40

universities of applied sciences (UAS),
Finland 14
University of Bologna 147–8
University of Jyväskylä, doctoral
studies programme 15–34
University LIU C of Castellanza 144
University of Milano 144
University of Padova 147
Uotila, J. 317
USA, university entrepreneurship
137
value chains 316, 319–20
food industry 321–2, 325–32
values, see cultural values
Van de Ven, H.A. 275, 277, 283
Varaldo, R. 138
variability, services 211–12
Venkataraman, S. 117
venture competitions 107–8
and entrepreneurial potential of
teams 109–17
Vesalainen, J. 61
Vondracek, F.W. 61
VRIO framework 190
Wang, C.L. 224, 227
websites
entrepreneurial universities
130–32
Italian universities 133–5,
140–48
Wernefelt, B. 207
Wickham, P. 86
Wiklund, J. 257
Winter, D. 103, 104
Winter, S.G. 193
Winterton, J. 83
worker cooperatives 357–8
Yin, R.K. 43
Zahra, S.A. 224
Zheng, Y. 110
Zollo, M. 192–3
Zott, C. 315, 316, 317, 320