Index

academic spin-offs 1, 8, 16, 41, 44, 56, 58, 118, 125, 172
characteristics of founders of 57
taxonomy of 124–5
AEGIS project 9, 16, 121, 168, 175
results from survey of (2012) 62, 85, 87, 94
American National Business Incubation Association (NBIA) 72
American Research and Development (ARD) 77
Austria 124
Belgium 55
business knowledge 2, 23
central concept of 22
Community Innovation Survey 127
corporate governance mechanisms 166
corporate spin-offs 8, 19, 31, 39, 42–3, 46–7, 56, 118, 125, 174
central concept of 41–2
taxonomy of 124–5
Dahlstrand, Lindholm 46
data
concept of 21
Denmark
food industry of 47–8
design thinking 129–33
first-generation 132
participatory design principles 138–9
prototyping 141–2
purpose of 13
scenario planning 144–6
SCRUM 142–4
second-generation 132
Tangible Business Process Modelling (TBPM) 142
third-generation 132
use in KIE 134–6
visualization 141
dynamic and systemic effects 126–8
effectuation theory 130–31
entrepreneurial alertness
role in venture development 23
dynamic and systemic effects of 126–8
effectuation theory 130–31
entrepreneurial alertness
role in venture development 23
entrepreneurial opportunities
origin of concept of 23
entrepreneurship 29, 58, 80, 131, 147, 153, 156, 164, 174
academic 45
definitions of 5–6, 13–14
financing of 31
general 50
learning 52
role of education in 56–7
role of knowledge in 24–5, 27
social 155
European Union (EU) 16, 76, 168
financing 31, 61, 65–6, 70–71, 112, 160
experiential nature of 65
packaging of 66
sources of 61
types of 61–2
Finland 43, 56
France 123
Genentech 90
Germany 117
Global Entrepreneurship Monitor (GEM)
surveys 50, 55–6
governance
concept of 95
mutual trust, 96
of networks, 95–6

Human Health Care and Food, 152
concept of, 149
human resources, 32, 82–5, 91, 162–3
external networks, 86–7
internal, 86–7
management of, 68–9
potential trends within, 86

incubators, 72–3, 75–6
Business Innovation Centres (BICs), 73–4, 78
concept of, 72
Corporate Private Incubators (CPIs), 73–4, 78
Independent Private Incubators (IPIs), 73–4, 78
University Business Incubators (UBIs), 73–4, 78
independent start-ups, 41–2, 47–8, 56, 58, 118
information acquisition, concept of, 21
information and communication technologies (ICT) companies, 122
information asymmetries, role in venture development, 23
information technology (IT) bubble, 63
initial public offering (IPO), 28, 40, 63, 161
InnoDoors, 138
innovative opportunities, 27
concept of, 25
proposed characteristics of, 26
intellectual property rights (IPR), 35, 120, 123, 125, 166
collaborative, 33
management of, 121–2
internationalization, 108–11, 113–15
rapid, 109
reasons for, 112–13
strategies of, 112–13
Israel, 76
Yozma, 76
Italy, 123

knowledge economy:
role of KIE in, 7
knowledge inputs:
sources of, 156–7
knowledge intensive entrepreneurship (KIE), 1, 3, 7–8, 10, 12, 21–2, 27, 30, 40, 42, 48, 71–2, 84, 89, 111, 117, 125–7, 129, 131, 137, 146–7, 165–73, 176, 184
creation models, 1–3, 8–11, 15, 27–9, 31, 36, 135, 137–9, 146, 148–9, 178
definition of, 16, 18–19, 165, 183
impact of public policy on, 31, 34, 78–9, 166
influence of social networks, 99
international, 110, 113
management and development of, 32–4, 81–3, 98, 100–102, 106–8, 154
performance of ventures, 34–5, 57, 59–60
phenomena of, 6–7, 35, 38
propositions regarding, 3–5
role in knowledge economy, 7
role of incubators in, 72
role of knowledge inputs in, 40–42, 48–9
stimulation of, 134, 148, 157
use of design thinking in, 134–6
knowledge intensive services (KIS), 78–9
knowledge utilization, concept of, 21

LEGO Serious Play (LSP), 139–40, 142
concept of, 139
use of, 140
Lifestyle Technologies, 151
concept of, 149
Index

Lucent New Ventures Group (NVG) 68–9
Managing knowledge intensive entrepreneurship

Sweden 46, 89, 123
Transversal Technologies, Engineering and Software 150
concept of 149
United States of America (USA) 47, 123
University of California at San Francisco (UCSF) 90
university spin-offs 47
university spin-outs (USOs)
definitions of 46
examples of 46–7
validity 173
venture capital 40, 62–4, 66, 70–71, 75, 113
corporate (CVC) 40, 42, 64, 66–71, 112, 160–61
definitions of 65
examples of use of 63–4
formal 64–5
informal 64
market-based 66
Web of Science 170, 174