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
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
concept of 41–2
examples of 43
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
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
elements of use of 63–4
formal 64–5
informal 64
market-based 66
Web of Science 170, 174