
Contents

Acknowledgements	ix
Introduction	xi
Chapter 1. Theoretical Elements: A Multidisciplinary Framework between Sociology and Management of Innovation	1
1.1. Classical approaches to innovation	2
1.2. Approaches based on uses and users	6
1.2.1. The lead-user theory: the user-innovator	6
1.2.2. Innovation through use: user participation	9
1.2.3. Co-creating value: the consumer at the heart of innovation	10
1.3. The socio-technical approach to innovation: networks and attachment	13
1.4. Critical innovation studies	19
1.5. Lessons learned from resistance to innovation and unsuccessful processes	21
1.6. Conclusion	22
Chapter 2. The Different Phases of Innovation Trajectories	25
2.1. Proposal for an interpretive framework	25
2.2. Breakdown of the methodology	26
2.3. Ideation and invention	32
2.3.1. Innovation program and strategic intent	44
2.3.2. Construction, characterization and evolution of the socio-technical innovation network	50

2.3.3. Key moments in innovation trajectories	59
2.4. Relations with users and the market	64
2.5. Success or failure: assessment of the innovation project and effects on the organizations	72

Chapter 3. Detailed Accounts of Three Sports Innovation Trajectories	83
3.1. The dualski: making downhill skiing accessible to people with disabilities	84
3.1.1. Technical description of the device	84
3.1.2. Ideation: at the intersection of several actors and projects	86
3.1.3. Innovation program: towards the empowerment of disabled people	90
3.1.4. Composition and dynamics of the innovation network surrounding wheelchair skiing	90
3.1.5. Relations with users and the market	100
3.1.6. Conclusion	103
3.2. The Booster Elite calf compression sleeve from BV Sport: innovating to promote recovery and prevent injuries	104
3.2.1. Presentation of the product	104
3.2.2. Ideation phase	106
3.2.3. Innovation program and strategic intent	107
3.2.4. Construction, characterization and evolution of the socio-technical network	108
3.2.5. Key moments in the innovation trajectory	115
3.2.6. Compromises made by BV Sport: between science and market realities	118
3.2.7. Market and user relations	119
3.2.8. Conclusion	124
3.3. Hyperion 7: innovating in the field of video recording sports events	125
3.3.1. The invention phase: the collective emergence of an idea that is less original than adequately problematized	128
3.3.2. The creation of an innovation network focused on the issue of security.	131
3.3.3. A network of territorialized actors with its own rules.	138
3.3.4. A deliberately delayed step: starting a business	140
3.3.5. The business model envisaged	143
3.3.6. Early and unexpected prospects for diversification	144
3.3.7. A dizzying prospect	147

3.4. Appendices	148
3.4.1. The company Booster Veines Sport (BV Sport).	148
3.4.2. Strategic intent	149
3.5. Sources used	149
3.5.1. Tessier Dualski	149
3.5.2. BV Sport compression sleeve.	151
Conclusion: Recommendations for the Management of Sports Organizations	153
References	161
Index	175