## **Table of contents**

Foreword	V
Preface	VII
Table of contents	IX
Table of figures	XI
1 Introduction	1
1.1 Problem definition	1
1.2 Research objectives	6
1.3 Course of investigation	8
2 Problems and concepts of R&D alignment	11
2.1. Exploration vs. exploitation	11
2.1.1 Exploration and exploitation in organizational learning	12
2.1.1.1 Mutual leaning and the exploration vs. exploitation trade-off	13
2.1.1.2 Competition for primacy and the exploration vs. exploitation trade-off	15
2.1.1.3 Introducing interpersonal learning and tacit knowledge to March 1991	18
2.1.2 The productivity dilemma	21
2.1.2.1 Coevolutionary lock-in	24
2.1.2.2 Absorptive capacity	25
2.1.2.3 Organizational routines	27
2.2 Ambidexterity and punctuated equilibrium	30
2.2.1 Ambidexterity	30
2.2.2 Punctuated equilibrium	33
2.2.3 Ambidexterity vs. punctuated equilibrium	35
2.3 Interorganizational ambidexterity	39
3 Shifting think tanks from the macro- to a meso-level	45
3.1 Political think tank concepts	45
3.1.1 Traditional think tank concepts	46
3.1.2 Modern think tank concepts	49
3.1.3 Think tanks and societal ambidexterity	50
3.2 (Inter-)organizational exploration concepts	53
3.2.1. Individual organization level exploration concepts	55
3.2.1.1 Radical innovation	55
3.2.1.2 Skunkworks	58



3.2.1.3 Bell Labs	59
3.2.1.4 Distinguished engineers	61
3.2.1.5 Comments on intraorganizational exploration	64
3.2.2 interorganizational level exploration concepts	65
3.2.2.1 Open innovation	66
3.2.2.2 Organizational networks as strategic alliances	70
3.3 Organizational think tanks	82
3.3.1 Organizational think tank structures	82
3.3.2 Organizational think tanks vs. intraorganizational exploration	90
3.3.3 Organizational think tanks vs. interorganizational exploration	92
4 Critical issues of the organizational think tank approach	95
4.1 Discussing organizational think tanks	95
4.2 knowledge governance	100
4.2.1 Knowledge governance challenges in the org. think tank approach	101
4.2.2 The charm of governing knowledge in an org. think tank approach	104
4.3 Management recommendations	109
5 Conclusion	115
5.1 Summary, conclusion & criticism	115
5.2 Suggestions for further research	118
Bibliography	121