## Contents

	List of figures List of tables Author's biography Acknowledgments Acronyms and abbreviations	ix xi xiii xv xviii
	Introduction	1
1	Promoting low-carbon development patterns	8
2	Facing a metropolitan governance challenge	13
3	Understanding rules-in-use as an implementation factor Rules-in-use as underexplored dimension of climate governance arrangements 21 The planning system rules-in-use that govern low-carbon development patterns 23	21
4	Aligning plans in the Metro Vancouver region  Low-carbon development patterns as a legislative priority 36  The regional growth strategy for the Metro Vancouver region 40  Transit implementation decisions: prioritizing and investing in new rapid transit 51  Local decision-making: planning for the urban centers 57	36
5	Ensuring plan consistency in the Puget Sound region  Encouraging low-carbon development patterns as part of growth  management in Washington State 70  Regional growth strategy in the Puget Sound region 74  Transit implementation: unilateral transit decisions in a negotiated setting  Local decision-making: negotiating the transit alignment 94	70 89

V111	Contents

6	Nesting plans in the Stuttgart region  Nested spatial planning system in Germany 106  Low-carbon development patterns – business as usual in Stuttgart  under federal and state laws? 109  Spatial policies in the Stuttgart region to support low-carbon  development patterns 114  Implementation of transit expansion 131  Local decision-making: increasing densities along transit corridors 137	105
7	Reflecting on spatial policies as rules-in-use in regional growth strategies	145
8	Integrating mechanisms support implementation Types of integrating mechanisms based on empirical findings 154 The integrative nature of a Regional Growth Strategy between self-regulation and state-regulation 160 Implementing transit-connected urban centers with and without a binding Regional Growth Strategy 165 The trouble with rezoning around any rapid transit station 168	154
9	Implementing low-carbon development patterns Findings for urban planning 173 Findings for climate governance 179 Conclusion 184	172
	Bibliography Glossary Index	187 221 229