Contents

List of Contributors		page x	
Pre	eface ar	nd Acknowledgments	xi
Lis	t of Abi	breviations	xiv
1	Intro	duction: State and Non-state Relations in Governing toward	
		rbonization	1
	1.1	Why Collaborative Climate Governance Matters	
		in a Global Context	5
	1.2	Aim of the Book	7
	1.3	Theoretical, Methodological, and Empirical Contributions	8
		Key Terms and Concepts	10
		Structure of the Book	12
	Refe	rences	15
2	The I	Interplay between the State and Non-state Actors in the Governance	ce
		ecarbonization: An Analytical Framework	18
		Introduction	18
		Governing toward Decarbonization: A Political Challenge	20
		2.2.1 Distinguishing Transitions from Transformations	21
		2.2.2 Carbon Lock-ins and Roadblocks to Decarbonization	22
	2.3	Collaborative Climate Governance: Interactions between	
		the State and Non-state Actors	24
		2.3.1 Regulation	26
		2.3.2 Orchestration	27
		2.3.3 Lobbying and Advocacy Strategies	28
		2.3.4 Contestation	29

vi Contents

	2.4	Evaluating Collaborative Climate Governance: Effectiveness,	
		Legitimacy, and Justice	30
		2.4.1 Effectiveness	31
		2.4.2 Legitimacy	32
		2.4.3 Justice	33
	2.5	Conclusion	34
	Refe	rences	35
3	Swed	len's Emissions and Climate Policy in an International Context	41
	3.1	Introduction	41
	3.2	Greenhouse Gas Emission Trends in Sweden	42
	3.3	Implications of the EU's Climate and Energy Policy for Sweden's	
		Decarbonization	46
		3.3.1 EU Climate Policy and the Role of Sweden	47
		3.3.2 The Interconnection of Sweden's Climate Policy with	
		the EU's Policy Instruments	49
	3.4	Sweden's Role in International Climate Collaboration and Clubs:	
		Beyond the EU	51
	3.5	- · · · · · · · · · · · · · · · · · · ·	54
		3.5.1 Performance and Leadership: Past Successes versus Future	
		Uncertainties	55
		3.5.2 Accounting: Production-versus Consumption-Based Emissions3.5.3 Reproducibility: Should Other Countries Emulate Sweden's	56
		Climate Policies?	57
	3.6	Conclusion	58
		rences	60
	Kelei	ences	00
4		cs and Governance of Sweden's Transformation toward	
		sil-Free Welfare State	63
		Introduction	63
		Ambitious Goals of Decarbonization versus Incremental Transition	65
	4.3	State-Led Transformations	68
	4.4	Governing Decarbonization in Sweden: Institutional, Economic,	
		Technological, and Behavioral Transformation	72
		4.4.1 Institutional Transformation	75
		4.4.2 Technological Transformation	77
		4.4.3 Economic Transformation 4.4.4 Behavioral Transformation	80 82
	4.5		
	4.3	4.5.1 Institutional Lock-In	85 85
		4.5.2 Technological Lock-In	88
		4.5.3 Behavioral Lock-In	90

		Contents	vii	
	4.6	Conclusion	90	
	Refe	rences	93	
5	Climate Networks to the Rescue? Exploring Stakeholder Perceptions			
	of the	e Effectiveness of Collaborative Climate Governance	96	
	5.1	Introduction	96	
	5.2	Evaluating the Contributions of Climate Networks	98	
	5.3	Swedish Climate Networks	100	
		5.3.1 Overview of Climate Networks	100	
		5.3.2 Expectations	102	
		Methods	104	
	5.5	How Climate Networks Are Perceived to Affect Sweden's		
		Decarbonization	105	
		5.5.1 Main Driving Force of Decarbonization in Sweden	105	
		5.5.2 Different Types of Governance Compared5.5.3 Motivations for Joining Climate Networks	106 107	
		5.5.4 Impact of Climate Networks	107	
		5.5.5 Recognition of Climate Networks	109	
		5.5.6 Perceptions of Effectiveness	111	
	5.6	Discussion and Conclusions	114	
	Refe	rences	117	
6	All A	aboard? Inclusiveness in Collaborative Governance among		
	Swed	lish Municipalities	119	
	6.1	Introduction	119	
	6.2	How Municipalities Play a Role in Sweden's Transformation		
		toward a Fossil-Free Welfare State	120	
		6.2.1 Climate Networks as Collaborative Governance	122	
		6.2.2 Research Approach	125	
	6.3	The Landscape of Municipal Emissions and Voluntary		
		Commitments in City Networks	125	
		6.3.1 Participation by Municipalities in City Networks	126	
	<i>C</i> 1	6.3.2 Greenhouse Gas Emissions by Swedish Municipalities	129	
	6.4	Swedish Municipalities' Climate Action and Its Implication	120	
		for Decarbonization	130	
		6.4.1 The Patchy Landscape of Municipal Climate Action6.4.2 The Political Consequences of Unequal Contributions	130 133	
	6.5		134	
		rences	135	
	1010		133	
7	Zeroing In on Cities: The Politics of Aspiration and Delay			
	in Ne	et-Zero Emission Targets of Swedish Municipalities	139	

viii Contents

	7.1	Introduction	139
	7.2	Methods and Material	141
	7.3	What Makes a Good Net-Zero Emissions Target?	143
		7.3.1 Definition	144
		7.3.2 Scope	145
	7.4	7.3.3 Residual Emissions	146
	/.4	The Heterogenous Landscape of Net-Zero Emission Targets	1.45
		in Swedish Municipalities 7.4.1 Definition	147 148
		7.4.1 Definition 7.4.2 Scope	150
		7.4.3 Residual Emissions	152
	7.5	A Motley Crew of Net-Zero Emission Targets: Politics	
		of Aspiration or Delay?	154
	7.6	Conclusions	157
	Refe	rences	158
8	In the	e Shadow of an Oil Refinery: Narrating Just Transitions	
		e City of Lysekil	161
		Introduction	161
	8.2	Just Transition: A Concept with Multiple Meanings	163
	8.3	Narrating Just Transitions: Method and Material	165
	8.4	The Preemraff Controversy: Setting the Scene	168
		Contending Stories of Climate (In)justice	170
		8.5.1 The Distributive Story: Producers Are Not to Blame	171
		8.5.2 The Procedural Story: No Transition without Recognition	173
	0.6	8.5.3 The Ecological Story: Protecting the Rights of Nature	175
		Conclusion	176
	Refe	rences	178
9	Turni	ng a Crisis into an Opportunity? How Swedish Climate	
		orks Navigate through Crisis	182
		Introduction	182
		Sweden's Response to COVID-19 in a Collaborative Setting	184
	9.3	The Effects of a Crisis: COVID-19 and Climate Change	
		Mobilization	184
	9.4	Methods and Material	186
	9.5	Navigating through a Crisis: Swedish Climate Networks	
		and Their Response to COVID-19	187
		9.5.1 How COVID-19 Has Affected Swedish Climate Networks	187
		9.5.2 Responding to the Pandemic: Goals, Arguments, and Strategies	190

ix

	9.5.3 Framing COVID-19 in Swedish Climate Politics: Risk		
	or Opportunity?	192	
	9.6 Discussion	193	
	9.7 Conclusion	196	
	References	197	
10	The State and Collaborative Climate Governance: Prospects		
	and Limitations		
	10.1 Introduction	201	
	10.2 Multiple Interactions between the State and Non-state Actor	ors 204	
	10.3 Limits and Prospects of Collaborative Climate Governance	207	
	10.4 Going beyond Sweden and Avenues for Future Research	210	
	References		
Inde	ex	219	