

Cambridge University Press 978-1-107-40141-9 — Climate Policy after Copenhagen Karsten Neuhoff Table of Contents More Information

Contents

	I · · · · · · · · · · ·	
	List of figures	page ix
	List of tables	xii
	List of boxes	xiii
	Acknowledgements	xiv
	List of abbreviations	xv
I	Introduction	I
2	The role of a climate policy mix	19
2.I	Putting a price on carbon	20
2.2	The role of technology policy	29
2.3	The role for targeted measures and regulation	41
2.4	Managing distributional implications	45
2.5	Conclusion	52
3	Implementing a carbon price: the example of cap and trade	56
3.I	The SO ₂ trading programme in the USA	58
3.2	The European Union emissions-trading scheme	61
3.3	Setting the cap: too many cooks spoil the broth	65
3.4	Distributing allowances: compensate or distort	72
3.5	Sectoral coverage of a carbon-pricing scheme	86
3.6	Conclusion	93
4	Shifting investment to low-carbon choices	97
4. I	The nature of uncertainty	98

vii



Cambridge University Press 978-1-107-40141-9 — Climate Policy after Copenhagen Karsten Neuhoff Table of Contents More Information

viii • Contents

4.2	Response to uncertainty with taxes and cap-and-trade schemes	IOC
4.3	Investment under uncertainty: contrasting different perspectives	105
4.4	Addressing requirements of strategic investors	109
4.5	Addressing requirements of project investors	115
4.6	Addressing the needs of financial investors	125
4.7	Conclusion	129
5	Co-operation among developed countries: a role for carbon markets?	122
г т	Using international co-operation to enhance domestic	132
5.1	commitment	122
5 2	Transparent monitoring and reporting	133 140
5.2	Carbon-market-based international co-operation among	140
5.3	developed countries	143
5.4	The economics of carbon-market-based co-operation	143
J. 4	mechanisms	148
5.5	The political economy of carbon-market-based instruments	151
5.6	A global carbon tax	155
5.7	Conclusion	158
6	A world of different carbon prices	162
v		
6.1		
	Screening for high carbon costs Do international cost differences matter? Dimensions of trade	164
6.1	Screening for high carbon costs	
6.1 6.2	Screening for high carbon costs Do international cost differences matter? Dimensions of trade	164 173
6.1 6.2 6.3	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view	164 173 178
6.1 6.2 6.3 6.4	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view The industry value chain: leakage versus substitution effect	164 173 178 181
6.1 6.2 6.3 6.4 6.5	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view The industry value chain: leakage versus substitution effect Policy options to address leakage	164 173 178 181 185
6.1 6.2 6.3 6.4 6.5 6.6	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view The industry value chain: leakage versus substitution effect Policy options to address leakage Conclusion	164 173 178 181 185
6.1 6.2 6.3 6.4 6.5 6.6	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view The industry value chain: leakage versus substitution effect Policy options to address leakage Conclusion International support for low-carbon growth in developing	164 173 178 181 185 198
6.1 6.2 6.3 6.4 6.5 6.6	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view The industry value chain: leakage versus substitution effect Policy options to address leakage Conclusion International support for low-carbon growth in developing countries	164 173 178 181 185 198
6.1 6.2 6.3 6.4 6.5 6.6 7	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view The industry value chain: leakage versus substitution effect Policy options to address leakage Conclusion International support for low-carbon growth in developing countries Framework for international co-operation	164 173 178 181 185 198
6.1 6.2 6.3 6.4 6.5 6.6 7 7.1 7.2	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view The industry value chain: leakage versus substitution effect Policy options to address leakage Conclusion International support for low-carbon growth in developing countries Framework for international co-operation Financial needs for low-carbon development	164 173 178 181 185 198
6.1 6.2 6.3 6.4 6.5 6.6 7 7.1 7.2	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view The industry value chain: leakage versus substitution effect Policy options to address leakage Conclusion International support for low-carbon growth in developing countries Framework for international co-operation Financial needs for low-carbon development The role of carbon markets to provide support for	164 173 178 181 185 198 203 206 210
6.1 6.2 6.3 6.4 6.5 6.6 7 7.1 7.2 7.3	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view The industry value chain: leakage versus substitution effect Policy options to address leakage Conclusion International support for low-carbon growth in developing countries Framework for international co-operation Financial needs for low-carbon development The role of carbon markets to provide support for developing countries	164 173 178 181 185 198 203 206 210
6.1 6.2 6.3 6.4 6.5 6.6 7 7.1 7.2 7.3	Screening for high carbon costs Do international cost differences matter? Dimensions of trade Corporate strategy: the longer-term view The industry value chain: leakage versus substitution effect Policy options to address leakage Conclusion International support for low-carbon growth in developing countries Framework for international co-operation Financial needs for low-carbon development The role of carbon markets to provide support for developing countries Conclusion	164 173 178 181 185 198 203 206 210