

# Trade, Climate Change and Sustainable Development

*Key Issues for Small States, Least Developed Countries  
and Vulnerable Economies*

113 145 6467

Edited by

Dr Moustapha Kamal Gueye, Malena Sell and Janet Strachan

**B 370056**

---



**COMMONWEALTH  
SECRETARIAT**



International Centre for Trade  
and Sustainable Development

## Contents

List of tables, figures and boxes	v
Acknowledgements	vii
Preface	ix
Abbreviations and acronyms	xi
Summary	1
Introduction	1
The Climate Change and Trade Challenges of Smaller Developing Countries	1
Specific Trade and Climate Change Concerns	7
1. Introduction: Key Issues for Smaller Developing Countries by <i>Ivan Mbirimi, Independent Consultant</i>	13
2. Responses to Trade and Adaptation Challenges by <i>Vicente Yu, South Centre</i>	21
3. Trade and Transport	49
3.1 International Transport, Tourism and Services by <i>Keith Nurse, University of West Indies, Barbados</i>	49
3.2 Food Miles Debate by <i>Hasit Shah, Chair, Fresh Produce Exporters Association of Kenya (FPEAK)</i>	58
4. Technologies	67
4.1 Standards and Labelling for Energy-Efficient Goods by <i>Paul Waide, IEA, and adapted by ICTSD</i>	67
4.2 Liberalisation of Environmental Goods and Services by <i>Mahesh Sugathan, ICTSD</i>	77
4.3 New Technologies and Innovation by <i>Maria Julia Oliva, ICTSD</i>	85
5. Mitigation and Adaptation in Agriculture, Fisheries and Forestry	99
5.1 Climate Impact, Adaptation and Mitigation in the Agriculture Sector: Trade Linkages by <i>Anthony Okon Nyong, International Development Research Centre Nairobi, Kenya</i>	99
5.2 Climate Change and Fisheries: Policy, Trade and Sustainable Development Issues by <i>Dr Moustapha Kamal Gueye, ICTSD</i>	115

6. Competitiveness and Border Measures	121
6.1 Climate-Related Border Measures <i>by Thomas L Brewer, Georgetown University, United States</i>	121
6.2 Energy-Intensive Sectors and International Trade: Possible Sectoral Agreements <i>by Joyashree Roy, Jadavpur University, India and Samantha Fang, ICTSD</i>	131
7. Conclusions	147
7.1 Energy and Technology	148
7.2 Agriculture and Fisheries	151
7.3 Tourism and Transport	153
7.4 Concluding Remarks	154
Bibliography and References	159
Index	173