

# The Kyoto Protocol

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Legal Aspects of Implementing the Kyoto Protocol Mechanisms  
National Climate Policies and the Kyoto Protocol  
The Kyoto Protocol  
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the adoption of the kyoto protocol in december 1997 was a major achievement in the endeavour to tackle the problem of global climate change at the dawn of the 21st century after many years of involvement in the negotiation process the book s two internationally recognised authors now offer the international community a first hand and inside perspective of the debate on the kyoto protocol the book provides a comprehensive scholarly analysis of

the history and content of the protocol itself as well as of the economic political and legal implications of its implementation it also presents a perspective for the further development of the climate regime these important features make this book an indispensable working tool for policy makers negotiators academics and all those actively involved and interested in climate change issues in both the developed and developing world

a concise and authoritative guide to the evolution terms and implications of the kyoto protocol this book provides an economic and political account of key policy debates and their outcome it also explains the meaning of provisions on emissions trading and other flexibility mechanisms and provides a quantitative analysis using the emissions trading model devised by the riia s energy and environmental programme

i had the pleasure of participating at the two conferences which form the basis of this book as a chairman at the 2007 the hague conference tackling climate change an appraisal of the kyoto protocol and options for the future and as a speaker at the 2006 siena conference the kyoto protocol and beyond a legal perspective i would like to thank my colleagues wybe douma leonardo massai and massimiliano montini for those opportunities and although i was unfortunately unable to contribute a paper to this book due to time constraints i am glad to be able to say a few words on the issue by means of this foreword the timing of the two conferences was well chosen the period between the siena conference june 2006 and the hague conference march 2007 encapsulated perfectly the period of the drafting the presentation and the approval of the integrated energy and climate change package as presented by the european th commission on the 10 of january 2007 and as approved by the spring european th th council of the 8 and 9 of march 2007 the importance of the commission s package and the council s conclusions must be strongly emphasized they set at the eu level legally binding targets regarding the reduction of greenhouse gas of energy and biofuels

this book is devoted to the the kyoto protocol which is a significant protocol to the international framework convention on climate change with the objective of reducing greenhouse gases that cause climate change it was adopted on 11 december 1997 by the 3rd conference of the parties which was meeting in kyoto and it entered into force on 16 february 2005 as of june 2008 182 parties have ratified the protocol of these 36 developed cg countries plus the eu as a party in its own right are required to reduce greenhouse gas emissions to the levels specified for each of them in the treaty representing over 61 6 of emissions from annex i countries with three more countries intending to participate one hundred thirty seven 137 developing countries have ratified the protocol including brazil china and india but have no obligation beyond monitoring and reporting emissions the kyoto protocol separates countries into two groups annex i includes developed nations while non annex i refers to developing countries emission limitations are only placed on annex i countries non annex i nations participate by

investing in projects that lower emissions in their own countries for these projects they earn carbon credits these credits can be traded or sold to annex i countries which allow them a higher level of maximum carbon emissions for that period

seminar paper from the year 2004 in the subject environmental sciences grade 17 university of applied sciences constanze course environmental economics 27 entries in the bibliography language english abstract the earth has a natural temperature control system the greenhouse gases belong to this system following we can see the main greenhouse gases water vapor it is a kind of gaseous water individual water molecules in the atmosphere carbon dioxide co<sub>2</sub> this gas gets into the atmosphere when solid waste fossil fuels oil natural gas and coal and wood or wood products are burned nitrous oxide n<sub>2</sub>o it is emitted during agricultural and industrial activities as well as during combustion of solid waste and fossil fuels the global climate consists of the atmosphere earth ocean ice land system the result of a change in this system is climate change one sign for climate change is the rise of the temperature there are natural forces or human activities which can cause climate change following i will describe the human activities which are causing the climate change

crucial issues in climate change and the kyoto protocol asia and the world focuses on responses to climate change in the world s most populous region this book provides the most comprehensive insight to the climate change discourse within asia to date by drawing on the diverse disciplines and experience of legal practitioners climate change consultants government officials and academics individual chapters address issues such as how the various asian countries oco highly disparate in their cultures socio economic conditions and political systems oco are responding to climate change the challenges of mitigating and adapting to climate change and the effective implementation of the kyoto protocol in asia sample chapter s foreword 37 kb chapter 1 climate disruption remaking the agenda of meas in asia and the world 138 kb contents setting the stage climate disruption remaking the agenda of meas in asia and the world n a robinson reframing global warming toward a strategic national planning framework s v valentine climate change oco living in the anthropocene j obbard clean development mechanism cdm an overview of the clean development mechanism in southeast asia j lin cdm in china x yang x wang empirical considerations in the development of cdm projects in asia w i y byun f h c chan making markets work oco a review of cdm performance and the need for reform c streck j lin emissions trading in the european union and asia regional framework the european union emissions trading scheme oco past present and future k deketelaere m schurmans trends in carbon trading practical lessons a beatty e williams effective implementation of the kyoto in asia singapore s national climate change strategy k suresh japan achieving its kyoto target h isoaki compliance under the kyoto protocol and its implications for the asian region m s manguiat climate change as a threat to peace security glacial melting human security in the himalayas k khoday the kyoto protocol and beyond a

south asian perspective a gunawansa beyond kyoto climate change including a discussion of the ap6 initiative from the australian perspective m i jeffery protecting forests to mitigate global climate change c streck readership environmental lawyers policy makers practitioners in cdm tertiary students in environmental sciences

the participation of the european community and the member states in the international climate change regimes is a complex issue in the case of the kyoto protocol this is rendered more complicated by the fact that for the purposes of article 4 of the kyoto protocol the membership of the european community and member states is frozen at a particular point in time the result of this is that under international law the european community and a part of the member states eu15 have agreed to jointly fulfil some of those obligations whereas under community law all member states share a certain degree of responsibility to meet the obligations created by the kyoto protocol this book analyses in great detail the kyoto protocol and its obligations as well as the discrepancies between international law and community law in that regard the book is a useful tool for academics practitioners consultants and all stakeholders operating in the field of environmental law and climate change leonardo massai is a legal expert and lecturer in international and eu environmental law and climate change

seminar paper from the year 2009 in the subject politics international politics environmental policy grade 1 5 grenoble ecole de management course business ethics language english abstract for many years scientists alert that a climatic change is taking place which is significantly caused by the way human beings are treating their environment the negative effects of this development had their origin in the end of the 19th respectively in the beginning of the 20th century when the industrialization in many western countries began with the industrial progress over the last 100 years an increasingly amount of greenhouse gases is released into the atmosphere causing the ecological balance to become incrementally out of order the impact can be already felt today as temperatures are rising and this is likely to bring about changes for nature including the human beings and many other species although the global climatic change is unlikely to be stopped medium term because carbon dioxide the greenhouse gas with the largest quantity in the air is said to have a 100 years lifetime span in atmosphere the effects of the worldwide warming can be mitigated in the early 1990 s this environmental issue was picked up and first steps for global climate policies were made in 1997 the diplomatic efforts led to the resolution of the so called kyoto protocol which obligates the member states to reduce its greenhouse gas emissions this result can still today be seen as a milestone in the international climate policy therefore this agreement will be the subject of examination on the following pages the author will firstly describe the rationale behind the protocol before underlining its main provisions for developed and less developed countries moreover the effectiveness of the treaty will be critically evaluated and finally emphasize will be also given to the impact it has on my home country germany

this volume investigates the potential performance of the kyoto protocol s international trading mechanisms in the presence of diverse types of domestic greenhouse policy instruments

in this clear and cogent book victor explains why the kyoto protocol is unlikely to enter into force and how its failure will offer the opportunity to establish a more realistic alternative book jacket

according to the contributors of this volume a wide range of options in addition to the kyoto protocol need to be considered to promote long term climate protection and bridge the growing divide among nations over how to take action this compilation explores some of the best alternatives with special attention to options that promote participation by both industrialized and developing countries

the kyoto protocol became law in february 2005 eight years after its conception as a framework for reducing emissions and a full four years after the united states abandoned it but while president george w bush embarrassed much of the scientific community by challenging the veracity of the greenhouse effect and thus the impetus for kyoto officials elsewhere expressed far different concerns reading the kyoto protocol explores their qualms and objections to everything from kyoto s controversial policies on emissions trading to the question of a post kyoto era contributors include internationally known philosophers researchers and environmentalists

document from the year 2013 in the subject environmental sciences language english abstract global warming is now universally accepted as being the greatest environmental threat to mankind in the current century the impacts are staggering antarctic ice is thinning at increasingly rapid rates with correspondingly massive influxes of fresh water into the world s oceans all these changes are due mostly to human activities particularly in raising the levels of co<sub>2</sub> a major greenhouse gas ghg atmospheric concentrations of co<sub>2</sub> have risen 35 since the industrial revolution this increase is primarily due to anthropogenic activities such as the burning of fossil fuels and deforestation reducing the rate of ghg emissions will be an enormous challenge for everyone throughout the world which must be fought on many fronts this work broadly analyses the main issues and subjects concerning several devices and laws for climate change mitigation chapter 1 climate change and green house gases emissions chapter 2 kyoto protocol and ghg emissions reduction chapter 3 emissions trading chapter 4 ghg emissions estimation and inventory chapter 5 ghg emission reduction technologies

this book considers the driving elements behind the benefits and costs of climate protection via kyoto or similar international agreements that follow

originally published in 1999 the kyoto protocol provides a detailed discussion on the history

terms and implications of the kyoto protocol 1997 it explains the meaning of provision on emissions trading and other flexibility mechanisms and provides a quantitative analysis using the energy and environment programme s emissions trading model it also contains the full text of the kyoto protocol and developments at the 4th conference of the parties in december 1998 this book will be of interest to academics working in the field of climate change as well as the broader area of environment and sustainability

the first protocol to the un framework convention on climate change unfccc was adopted in kyoto in 1997 and entered into force in february 2005 it is a unique international law instrument which sets legally binding targets for the reduction of emissions of greenhouse gases which contribute to climate change the targets are unprecedented in an environmental agreement and will involve substantial financial commitment in virtually all industrialized country parties to the protocol the kyoto protocol is also the first international agreement to include economic instruments which are designed to involve private sector entities and assist parties to meet their targets these economic instruments known as the kyoto or flexible mechanisms are joint implementation ji the clean development mechanism cdm and international emissions trading the kyoto protocol defined these mechanisms but did not set out the details necessary for their operation after protracted negotiations detailed rules were finalized at the seventh session of the unfccc conference of the parties held in marrakech in 2001 the marrakech accords run to almost 250 pages but still leave many important practical issues unaddressed as the 2008 2012 commitment period of the kyoto protocol draws close more and more projects under cdm and ji are being developed to take advantage of the kyoto mechanisms and the key issues and problems are now becoming more apparent drawing on the emerging body of expertise in this complex area this book conveys a knowledge of what is becoming known as carbon finance it thereby aims to contribute to the development of the market for carbon emission reductions one of the objectives of the kyoto mechanisms

this book provides an overview of recent developments in oecd countries and a framework for policy making in the context of kyoto targets

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