

TABLE OF CONTENTS

FOREWORD

- background of study
- financing
- acknowledgements

TABLE OF CONTENTS

EXECUTIVE SUMMARY

1. INTRODUCTION

- aim and scope of study
- prerequisites for commitments
"fairness"; ethical systems
- uncertainty; total cost, cost share, future climate change impact
- experience from the sulfur-protocol w.r.t. distribution of costs and benefits

2. THE MEASUREMENT OF COSTS

- transition costs (dynamic analysis v.s. static analysis)
- optimal greenhouse gas taxes and price systems
- uncertainty aspects

3. INTERGENERATIONAL WELFARE EFFECTS

4. COORDINATED CLIMATE POLICY OPTIONS

- emission constraints, tax, tradable emission rights, Joint Implementation
- implementation and burden-sharing consequences
- cost-effectiveness of various options

5. NATIONAL PERSPECTIVES AND NEGOTIATIONS

- perspectives of Norway, the U.S., Germany, Japan, The Netherlands, and EU with respect to importance and level of uncertainty of different potential climate change impacts; due to different national characteristics: geography, climate, resource base, economic structure, etc.
- potential conflicts in negotiations due to different national perspectives, and likely consequences for negotiations and possible "core" of agreement

6. BURDEN-SHARING AND PARTICIPATION

- the relation between global emission abatement target and participation
- the relation between the cost shares of potential participants and each country's willingness to participate (i.e. accept costly national commitments to reduce greenhouse gas emissions)

7. COMPARISON OF WELL-MIXED GREENHOUSE GASES

- how to compare and handle the radiative forcing of different long-lived greenhouse gases, e.g. w.r.t. an cost-effective emissions abatement policy

8. INCLUSION OF GASES WHERE THE CLIMATE EFFECT DEPENDS ON THE LOCATION OF EMISSIONS

9. CONCLUSIONS

REFERENCES