

WINDS OF CHANGE

EAST ASIA'S SUSTAINABLE ENERGY FUTURE

Xiaodong Wang
Noureddine Berrah
Subodh Mathur
Ferdinand Vinuya



THE WORLD BANK

Contents

| | |
|---|-------------|
| Foreword | xi |
| Acknowledgments | xiii |
| Acronyms and Abbreviations | xv |
| Executive Summary | 1 |
| 1 Regional Energy Challenges | 23 |
| 2 Energy Scenarios | 37 |
| 3 Baseline: Unacceptable Environmental Damages and Growing Energy Insecurity | 47 |
| 4 Sustainable Future: Improved Environment and Enhanced Security | 55 |
| 5 Path to Energy Sustainability: Transformative Policy Tools and Financing Mechanisms | 83 |
| 6 World Bank's Role: Support Shift toward Sustainability | 113 |
| Appendixes | |
| 1. Urban Transport Study | 123 |
| 2. Household Study | 131 |
| 3. Country Data | 137 |
| References | 141 |
| Index | 147 |
| Tables | |
| 1 Sensitivity Analyses Show That Energy Efficiency Is the Most Important Emission Reduction Option and That New Technologies Can Further Reduce Emissions | 8 |