SEANCTURE for a SEANCLESS AND ASIA

A Joint Study of the Asian Development Bank and the Asian Development Bank Institute





Contents

Foreword		iii
Acknowledgements		vi
Abb	reviations and Acronyms	viii
Exe	cutive Summary	1
1.	Infrastructure Needs and Regional Cooperation	13
1.1.	Scope, Coverage, and Definitions	19
1.2.	Why Regional Infrastructure?	21
1.3.	Framework for Regional Infrastructure Cooperation	24
1.4.	Overview of Asia's Regional Infrastructure Initiatives	27
1.5.	Plan of the Study	36
2.	Supporting Regional Trade and Investment	39
2.1.	Overview of Asia's Infrastructure	44
2.2.	Trends in Asian Trade	52
2.3.	Infrastructure for Trade and Investment	59
2.4.	Enhancing Regional Energy Trade	72
2.5.	Toward Greater Trade	75
3.	Harnessing the Benefits of Regional Infrastructure	79
3.1.	Economics of Infrastructure Network	83
3.2.	Empirical Evidence	91
3.3.	Regional Case Studies	96
3.4.	Potential Negative Impacts	108
3.5.	Overall Gains from Pan-Asian Connectivity	111
3.6.	Conclusions	116
4.	Developing Effective Policies and Institutions	117
4.1.	Components of Effective Policies and Institutions	120
4.2.	European and Latin American Experience	124
4.3.	Asia's Regional Infrastructure Programs: Policies and Institutional	
	Arrangements	134
4.4.	Addressing the Major Challenges	149
4.5.	Conclusions	160
5.	Financing Regional Infrastructure	163
5.l.	Financing Needs	166
5.2.	Challenges in Financing Regional Infrastructure	172
5.3.	International Experience	179
5.4.	Development of Asian Financial Markets	18 4
5.5.	Financing Options	188
5.6.	Conclusions	195
6.	Toward a Seamless Asia	197
6.1.	A Framework for Regional Infrastructure Cooperation	203
6.2.	Main Findings and Recommendations	207
6.3.	The Way Forward	213
Арр	endix	215
References and Bibliography		261