CONTENTS

Scaling from Ferning States and Record in

Question No. 4: What Lexons Are Transferricks Analysis and Christianis San territories

1	Introduction				
	Yon	Yongfu Huang and Unai Pascual			
	1.1	Setting the Landscape: Foreign Aid for Sustainability	1		
	1.2	Foreign Aid for Capacity Building, Energy Sustainal	bility,		
		Greening Urban Areas, Biodiversity Conservation an	ıd		
		Climate Smart Agriculture	5		
		1.2.1 Foreign Aid for Capacity Building	5		
		1.2.2 Foreign Aid for Sustainable Energy Systems	6		
		1.2.3 Foreign Aid for Greening Urban Areas	7		
		1.2.4 Foreign Aid for Forest Conservation	8		
		1.2.5 Foreign Aid for Climate Smart Agriculture	9		
	1.3		10		
References			15		
ò	-	e duck of Escapts And Application Michigal Co.			
2 Foreign Aid for Capacity Building to Address Climate					
	Change 1				
		id Victor			
	2.1	Introduction	17		
	2.2	Setting the Scene: Key Definitions, Concepts and			
		Fundamental Spending Patterns	19		
		2.2.1 Foreign Aid for Climate Change and Capaci	ty		
		Building	22		
	2.3	Question No. 1: What Works in Foreign Aid for			
		Capacity Building with Regard to Climate Change?	23		

2.4	Question No. 2: What Kinds of Reforms Could Improve		
	the Effectiveness of Climate Change Aid?		
2.5	Question No. 3: What Scales?	30	
	2.5.1 Scaling from Perspective No. 1: Comparing Aid		
	Sources—ODA, Climate Change-Related Aid,		
	and Climate Finance	33	
	2.5.2 Scaling from Perspective No. 2: The CDM	36	
	2.5.3 Scaling from Perspective No. 3: Mainstreaming		
	Climate	37	
2.6	Question No. 4: What Lessons Are Transferable?	39	
2.7	Analysis and Conclusions	39	
Refe	rences	44	
Tecc	ons Learnt About Foreign Aid for Climate		
	ngo Polotod Conscity Philding	51	
	an Chan and linguing Ha	31	
	Introduction	54	
		58	
0.2		60	
		61	
		62	
		63	
		63	
3.3	What Could Work	64	
0.0		64	
		66	
		66	
		67	
		67	
		68	
	3 8 11	68	
3.4		68	
		69	
		71	
		72	
	05 55	73	
3.5		74	
	Approach	74	
	2.6 2.7 Refe Less Cha Zexi 3.1 3.2	the Effectiveness of Climate Change Aid? 2.5 Question No. 3: What Scales? 2.5.1 Scaling from Perspective No. 1: Comparing Aid Sources—ODA, Climate Change-Related Aid, and Climate Finance 2.5.2 Scaling from Perspective No. 2: The CDM 2.5.3 Scaling from Perspective No. 3: Mainstreaming Climate 2.6 Question No. 4: What Lessons Are Transferable? 2.7 Analysis and Conclusions References Lessons Learnt About Foreign Aid for Climate Change Related Capacity-Building Zexian Chen and Jingjing He 3.1 Introduction 3.2 What Works 3.2.1 Country-Driven and Demand-Driven Approaches 3.2.2 Education and Training 3.2.3 Results Monitoring 3.2.4 Data and Resources Sharing 3.2.5 Improved Decision-Making 3.3 What Could Work 3.3.1 Lack of Cooperation 3.3.2 Lack of Internal Capacity 3.3.3 Lack of Initiative 3.3.4 Lack of Flexible Aid Application Mechanism 3.3.5 Lack of an Integral Approach 3.3.6 Lack of a Long-Term Approach 3.3.7 Lack of Country Ownership 3.4 What Is Scalable 3.4.1 Enhance Awareness and Knowledge 3.4.2 Boosting International Negotiation Capacity 3.4.3 Green Technology Diffusion 3.4.4 Training Climate Change Professionals 3.5 What Is Transfer of Country-Owned and Demand-Driven	

			CONTENTS	xiii
		3.5.2	Transfer of Knowledge and Experience	75
		3.5.3	Transfer of CDM Knowledge and Practice	76
	3.6	Concli	usion	77
	Refe	rences		79
4	The	Effecti	iveness of Foreign Aid for Sustainable	
1			l Climate Change Mitigation	81
			Rogner and Kei-Kit Leung	
	4.1		luction	81
	4.2		n Aid, Energy and Climate Change	83
	4.3	0	ng Mechanisms	87
	2.0		Official Development Assistance	90
			Multi-Lateral Agencies	91
			Climate Finance and UNFCCC	92
		4.3.4	Micro-Finance	93
		4.3.5	Essential Instruments	94
	4.4	Evalue	ation of Effectiveness	97
		4.4.1	Measuring Effectiveness	98
		4.4.2	Review of Effectiveness	101
		4.4.3	Further Considerations	112
	4.5	Concli	usions	115
	4.6	Appen	dix: Selected Studies	116
	Refe	rences		119
5	AR	eview o	of the Nature of Foreign Aid to the	
			tor over the Last Two Decades	125
			z-Echeverri	
	5.1	Introd	luction	125
	5.2	Backg	round	127
		5.2.1	The Importance of Foreign Aid to the Energy Sector	127
		5.2.2	The Challenges that Foreign Aid Needs to Tackle	127
	5.3	Litera	ture Review	135
		5.3.1	History and Evolution of Foreign Aid	135
		5.3.2		
			Areas?	139
		5.3.3	History of Efforts to Enhance Impact and	

148 150

Effectiveness 5.3.4 What Works

		5.3.5	What Could Work	156
		5.3.6	What Is Scalable?	160
		5.3.7	What Is Transferable	163
	5.4	Discus	ssion	164
		5.4.1	Foreign Aid in Support of Transformative Rather	
			Than Incremental Change	164
		5.4.2	Foreign Aid That Promotes Integration Rather	
			Than Fragmentation	165
		5.4.3	Programme- Rather Than Project-Based	
			Approaches to Foreign Aid	166
		5.4.4	Foreign Aid in Support of Technology Development	
			and Innovation Rather Than Equipment Supply	166
		5.4.5	Foreign Aid in Support of Public Finance	
			Mechanisms to Mobilize, Catalyse and Leverage	
			Private Investment Rather Than Stand-Alone	
			Project Funding	167
	5.5	Concl	usion	168
	Refe	rences		179
6	An	Analyei	s of the Links between Foreign Aid and Co ₂	
v		ALL PROPERTY OF THE PARTY OF TH	in Cities	185
		drine Ka		100
	6.1		luction	185
			ture Review: Foreign Aid Effectiveness and Green	100
	0.2		Procedures	187
			Aid Effectiveness	187
			Initiative of Sustainable Cities in Developing	107
		0.2.2	Countries	189
		6.2.3	Scaling Up and Transferring Good Practices	193
	6.3		rical Analysis	194
		6.3.1	The Model	195
			The Data	198
			Results	198
			Robustness Tests	202
	6.4	Conch		203
		endices	The state of the s	205
		rences		212
	Ligit	, 0,,,,,		212

8.5	What Is Scalable?	285	
	8.5.1 Financial and Geographic Scaling Up	285	
	8.5.2 Scalability and Decision-Making	286	
8.6	Conclusion	290	
Ann	ex	291	
Refe	rences	295	
The	Evolution, Paradigm Shift and Guidelines for		
Fore	eign Aid in Forestry	307	
Pekk	a E. Kauppi		
9.1	Introduction	307	
9.2	What Has Worked in the Past?	310	
9.3	How to Encourage Successful Forestry Aid?	314	
	9.3.1 Selecting Goals	314	
	9.3.2 Selecting Means	316	
9.4	Opportunities for Scaling Up	317	
	9.4.1 Short Term	317	
	9.4.2 Mid-Term	319	
9.5	Transferring Lessons: The Role of Universities	321	
9.6	Discussion and Conclusions	323	
Refe	rences spilo er	326	
Fina	ncing Sustainable Agriculture under Climate		
Cha	nge with a Specific Focus on Foreign Aid	329	
Jikur	n Huang and Yangjie Wang		
10.1	Introduction	329	
10.2	Financing and Aid to Agriculture under Climate		
	Change	332	
	10.2.1 Overall Financing and Aid to Agriculture	332	
	10.2.2 Overall Climate Change Funds	333	
	10.2.3 Climate Change Funds for Agriculture	334	
	10.2.4 Financing Measures to Battle Climate		
	Change in Agriculture	337	
10.3	What Will Work?	337	
	10.3.1 Major Areas of Involvement	337	
	10.3.2 Successful Experiences	341	
10.4 What Measures Could Work			
	10.4.1 Major Areas	347	
	8.6 Ann Refe The Fore Pekk 9.1 9.2 9.3 9.4 9.5 9.6 Refe Fina Char Jikur 10.1 10.2	8.5.1 Financial and Geographic Scaling Up 8.5.2 Scalability and Decision-Making 8.6 Conclusion Annex References The Evolution, Paradigm Shift and Guidelines for Foreign Aid in Forestry Pekka E. Kauppi 9.1 Introduction 9.2 What Has Worked in the Past? 9.3 How to Encourage Successful Forestry Aid? 9.3.1 Selecting Goals 9.3.2 Selecting Goals 9.3.2 Selecting Means 9.4 Opportunities for Scaling Up 9.4.1 Short Term 9.4.2 Mid-Term 9.5 Transferring Lessons: The Role of Universities 9.6 Discussion and Conclusions References Financing Sustainable Agriculture under Climate Change with a Specific Focus on Foreign Aid Jikun Huang and Yangjie Wang 10.1 Introduction 10.2 Financing and Aid to Agriculture under Climate Change 10.2.1 Overall Financing and Aid to Agriculture 10.2.2 Overall Climate Change Funds 10.2.3 Climate Change Funds for Agriculture 10.2.4 Financing Measures to Battle Climate Change in Agriculture 10.3 What Will Work? 10.3.1 Major Areas of Involvement 10.3.2 Successful Experiences 10.4 What Measures Could Work	

		10.4.2	Examples of Potential Areas for Foreign	
			Aid Investment	348
	10.5	What C	Can Be Scaled Up?	353
	20.0	10.5.1	- 10 T.	
			Carbon Dioxide Emissions Through Soil	
			Carbon Sequestration	353
		10.5.2	Scaling Up Existing Conservative	
			Management Practices Aimed at	
			Sequestrating and Reducing Carbon	
			Dioxide Emissions	356
		10.5.3	Scaling Up Climate Change Adaptation	
			with Regard to Agricultural Irrigation	356
	10.6	What E	Experiences and Concepts Are Transferrable?	357
		10.6.1	Foreign Aid to Reduce Methane Emissions	
			Through the Provision of Appropriate	
			Technologies and Integration with	
			Development Goals	357
		10.6.2	Foreign Aid Assisting Agricultural Adaptation	
			by Mainstreaming Climate Change Adaptation	
			into National Development Programmes	
			and Emphasizing Local Capacity Building	358
	10.7	Conclu		361
	Refer	ences		362
1	Lousi	an Aid	and Sustainable Assignitures in Africa	369
1		-	and Sustainable Agriculture in Africa Ida and Ismail Elgizouli	307
		Introdi		369
	11.2		f Foreign Aid to Agriculture	371
	11.3		Agriculture in Africa	372
	11.4		lture in Development Thinking after	3/2
	11.7		ndence in African Countries and the Role	
		of Aid	muence in Mirian Committes und im Ron	374
	11.5	2	Developments in Aid to Agriculture: Five	3/1
	11.5		Areas of Donor Consensus	377
		11.5.1		3//
		11.5.1	Changing the Perception of Agriculture:	377
		11.5.2	Agricultural Sustainability Market- and Private Sector-led Agricultural	3//
		11.5.2	Growth	378
		1152		379
		11.5.3	Improved Governance and Political Processes	3/9

381
382
384
386
389
391
392
397
397
400
404
408
408
411
413
413
414
416
423
425
427
436
441
443
445