

Normative guidelines for developing the framework

✓ Flexibility to country context is imperative

- Multiple ways to construct and solve the problem of GHG emissions
- Solution entails a combination of social, economic, political and institutional buy-in

A multi-criteria approach is unavoidable

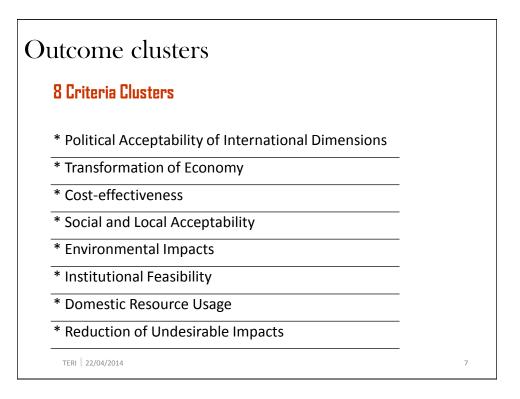
- Captures complexity and multiplicity of perspectives, central to environmental decision making
- Provides comprehensive, participatory and qualitative assessment

✓ Criteria must be measurable

- Complexity of choice parameters limits usage of single scale
- While measurability is desirable, complete aggregation not possible
- ✓ Discursive application of criteria
 - Flexibility of assigning weights
- ✓ Capture the political sensitivity of negotiations
- ✓ Utility and ease of application

TERI 22/04/2014

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Step wise approach to NAMA Design and Evaluation

Outco	Cluster [L]	Cluster Score(+)	Cluster Score(-)	
Clust	Political Acceptability of Internation	al		
	dimensions			
Criter	Transformation of economy	<i>ь</i> .		age
	Cost-effectiveness	mmatrix		
Optio.	Social and Local Acceptability	Deliberation matrix		oility
	Environmental Consequences	Der.		,+1
	Institutional Adequacy			core
	Domestic Resource Usage			COLE
	Reduction of undesirable impacts			SCiPj)+
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Illus	tratior			Options						
Cluster [G]	Criteria [L]	Weightage of criteria [WCi s.t. ΣWCi=1]	Acceptability: Yes (+1), Indifference (0), No (-1) [CiPj]	Options	Action Score [SCiPj]		score	Criteria negative score [CiPj*SCiPj]	Cluster Score(+)	Cluster Score(-)
			1	Grant	0.6					
			0	Equity	0	1				
	T		1	Concessional Ioan	0	1				
	Type of finance		-1	Commercial loan	0.4	1				
			0	ODA	0	% of total				
su		0.2	0	Philanthropic	0	investment	0.12	-0.08		
sio			1	Concessional	0					
en	Nature of		-1	Commercial	1					
<u> </u>	Technology		1	IPR license	1					
	Transfer		1	Joint R&D	0					
na		0.2	1	Knowledge	0	Yes (1) / No (0)	0.2	-0.2		
Ę			1	Institution level	1					
u a	Capacity Building		1	Systemic level	1					
ter	building	0.2	1	Individual level	1	Yes (1) / No (0)	0.6	0		
Political Acceptability of International Dimensions				Green climate fund/UNFCCC	0.6				1.24	-0.56
ility	Source of finance		-1	Multilateral Financial Institutions/Outside UNFCCC	0					
de	(under/outside		-1	Bilateral funding/ODA	0					
cept	FCCC)		-1	Private investors/FDI	0.4					
al Ac		0.2	0	Individual/philonthrophic	0	% of total investment	0.12	-0.08		
olitic			-1	International MRV of all aspects of project	1					
Pc	MRV		1	International MRV of only supported component of Project	0					
	implications		1	Only Domestic MRV	0					
			1	Part Domestic, Part International MRV	0					
		0.2	1	MRV of support	1	Yes (1) / No (0)	0.2	-0.2		

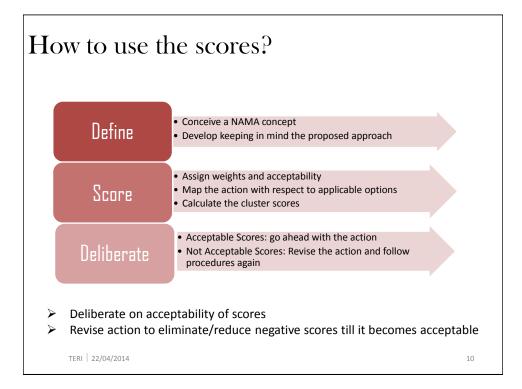
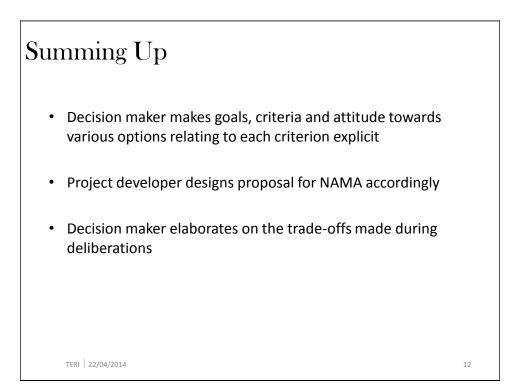
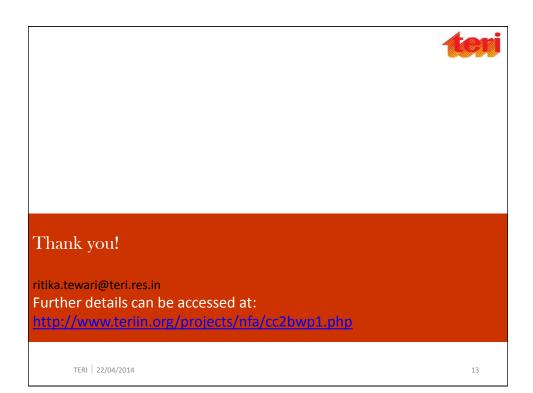


Illustration: Deliberation matrix of large hydro in India

Outcome cluster	Positive Score	Negative Score			
Political acceptability of international dimensions	High, since it is fully domestically funded More equitable	Low, assuming only domestic MRV and no judgment on ambition under ICA.			
Transformation of economy	High, incr energy and rec imported exhaustive fossil fuels sources (energy security)	Low			
Social and local acceptability	Medium, job creation, culturat acceptance of hydro power	High, displacen sections and possib impoverishment			
Environmental consequences	Medium emission table	Medium /Low, biodiversity implications			
Cost effectiveness	High, proven cneap power	Low/medium			
Institutional feasibility	High, already in place	Low, already in r			
Domestic resource use	High, domestic resources and technology	Low			
Reduction in undesirable impacts	Medium, Reduced emissions and import dependence	High, livelihood loss and increased income disparity due to displacement, political unrest			





✓ NAMAs canno✓ Discourse sug	cceptability of ot be insulated fro ggests MRV, source	International D	imensions Iternational contex e, capacity building	t. ; need and nature of
Type of finance	Nature of technology transfer	Capacity building needs	Source of finance	MRV implications
 A NAMA sho environmen may be brou changes in li should be m 	t friendly economi ight about through festyles etc. leasured in terms o	transform itself ove c system	ges, increase priva ational developmen	te sector participation, ntal priorities (e.g.
Technological	Private sector participation	Energy security	Impact on manufacturing capability	Lifestyle changes

Outcome	e Clust	ter	s and		rite	ria			
agencies, go	tiveness implications i overnment and such an actio	d the b							
Cost of action	Cost to governme					ecovery riod	Resource efficienc		
and political✓ Reduction in community :	community is economic an are critical.	s a core d socia	e priority al inequalitie	s and :	sensitivit	y to cultu	ral prac		
Reducing income disparities	Job creation	•	t on marginations of socie		Safeg	guards	Cultu	ral acceptance	
 Environm ✓ Leading to e 	nental Cons nvironmental	-		do-no	o-harm pi	rinciples			
GHG reduction potential	Impact on ai quality		Impact on Impact on biodiversity water resources			Impact of	on Soil	Waste management	
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✓ Asses	0	easibili	quacy ty of an acti nts, whethe						ts (fulfil	Iment of	
Chan	anges in institutional arrangements					Compliance with existing laws and regulations					
and natural resources; a Human resource Natural				nological capital	<u> </u>		al	l High emission lock-in			
• Redu	ction ir	n unde	esirable ir	npacts							
Import intensity	sity domesti		Impact on Diversion domestic of manufacturers resources		Conditionali ty of support	Livelihood losses		Hazardou s waste		nce of ments	High emission lock-in