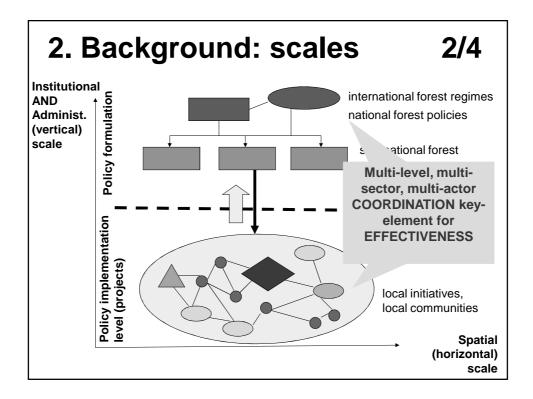
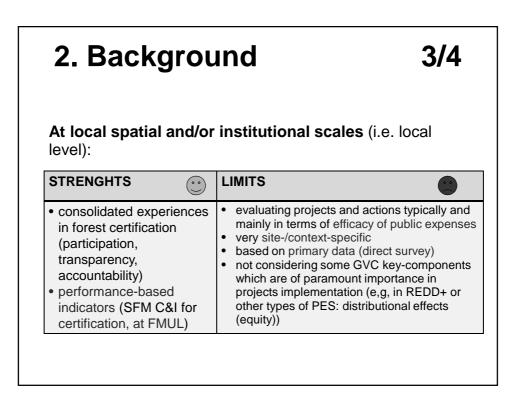
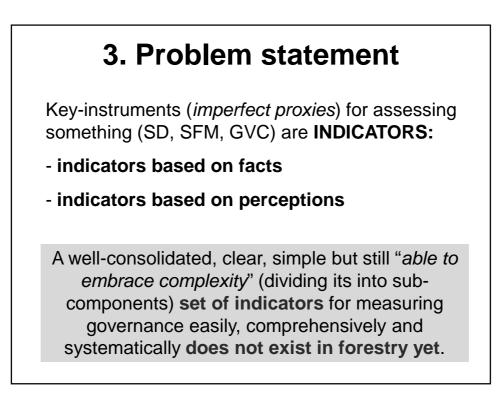


2



2. Backgrou At large spatial and/or regional, national level):	r institutional scales (international,
STRENGHTS 🕑	
 sets of C&I available for analyzing policy-making at country level based on (quite) good available secondary data pilot applications not only in Developing Countries 	 complex sets of indicators mainly for ex-post assessment of policy effects marginal attention to innovative dimensions of governance focus on specific concerns (economic development; FLEGT, REDD+,) → mainly applied in Developing Countries
- the Governance of Fores	Diagnostics Tool (ARD – WB, 2009) sts Toolkit (GFI, 2009) ssing and Monitoring Forest Governance



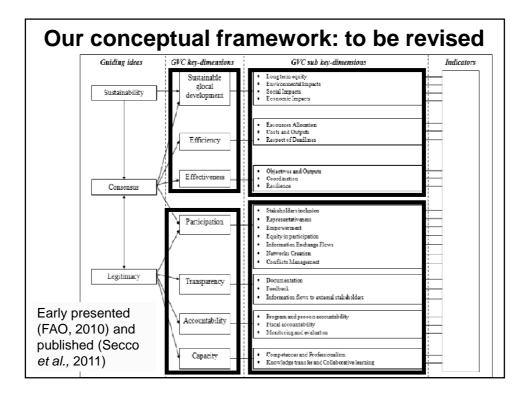


4. Research Objective and Methods

Research Objective

To create a practicable method, based on simple indicators to be applied at local level for assessing the quality of NR GVC taking into consideration both traditional (efficiency, effectiveness, sustainability) and innovative (participation, accountability, transparency,...) GVC

Specific Objectives	Methodology
To create a set of indicators	Indicators (new and already existing in literature). Creation of questionnaires. Pilot surveys. Snowball sampling and ego-network. Face-to-face interviews.
To test how to use existing tools (e.g. SNA tools) To test possible more advanced otuputs	Social Network Analysis (SNA). Correlation, regression analysis, odds ratio. Construction of composite indices, with normalization and aggregation processes of indicators (OECD/JRC Handbook).
To give proofs it might work	Estimation of costs (of the method based on indicators)

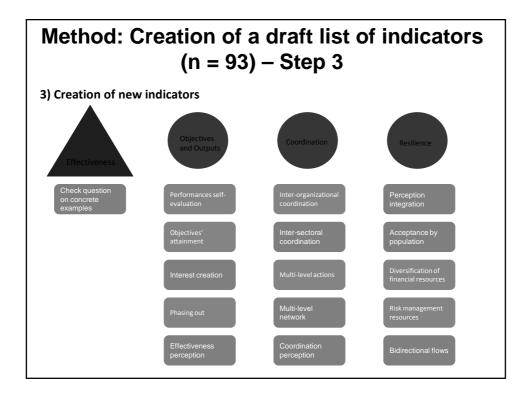


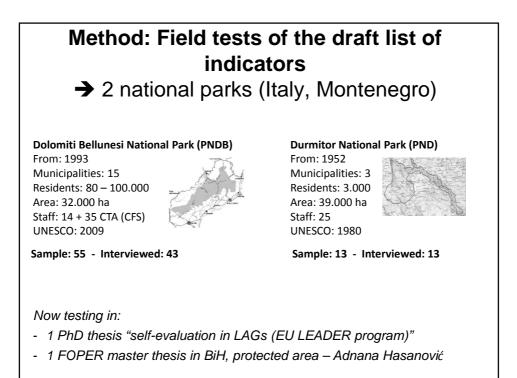
Method: Creatior (n :		a draft list - Step 1	of indi	cat	or
3 steps:	Wageningen WB - ARD, Haniotis Tas	2009, annex 2, p.11 sos, 2011, presentation at the 122 nd	Commitment to sustainability Cost and benefit sharing mechanisms Climate change projects Social relationships Use of budget Use of technology Plasing out Inter-sectoral coordination Multi-level actions		1a.1 1a.4 1b.1
1) Adaptation of existing indicators	EENRD, 20 WB - ARD, WB - ARD, EENRD, 20 Hirschi, 200	2009, annex 2, p.3 2009, annex 2, p.7 10			1c.3 2a.1 2a.4 3a.4 3b.2 3b.3
Source	Hirschi, 200	Indicator	Multi-level network	Code	3b.4
Derk Jan Stobbelaar, abstract 92, p.34, con Wageningen	nference of	Commitment to sustaina	bility	1a.1	
WB - ARD, 2009, annex 2, p.11		Cost and benefit sharing	mechanisms	1a.4	
Haniotis Tassos, 2011, presentation at the EAAE Seminar, Ancona, Italy	122 nd	Climate change projects		1Ь.1	
	Cashore, 200 GFI, 2009, p	.44	Rationale for decisions Perception of clarity of actors	roles	6a.1 6a.3
	Cashore, 200 GFI, 2009, p		Clarity of policymaking rules Visible salaries		6a.4 6b.1
	GFI, 2009, p		Criteria for monitoring		6c.2
	WB - ARD,	2009, annex 2, p.6	Evaluation		6c.3
	GFI, 2009, p	.50	Degree of diversification amo	ng staff	7a.1

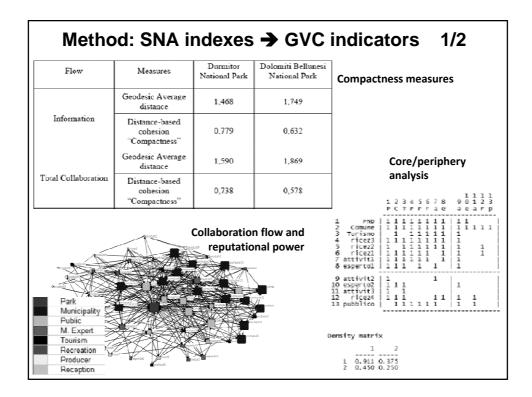
Method: Creation of a draft list of indicators (n = 93) – Step 2

2) Transformation of expert-based indicators (GFI, 2009; WB – ARD, 2009)

Indicator	Source	Question / Indicator	Problems	Examples of Transformation
Trasparency	"Roots for Good	Are commercial timber	Four possibilities of	Are there official
	Forest Outcomes:	forest products allocations	answer, where the	documents in which
	an analytical	from public forests open and	perception and	commercial timber
	framework for	transparent?	knowledge of the	forest products
	governance	 The authorities give clear, 	expert is	allocations are
	reforms", 2009,	timely notice of all	fundamental, and	introduced? Are these
	World Bank,	proposed policies,	where the two	documents available to
	annex2, p.1	programs, laws, and	"aspects" of the	the population? With
		projects	question (openness	which means (internet,
		- The authorities give clear,	and transparency) are	paper, etc)?
Dentining	WTh a second second	timely notice of most To what extent is there	kept together Indicator is not	A th
Participation,	"The governance of forests toolkit		exclusive of one	Are there opportunity
Accountability		effective public participation		for debates among
	(version 1): a draft	in policy-making?	dimension.	various interest groups
	framework of	 Opportunity for debates 	Different units of	in each phase (ideation,
	indicators for	among various interest	measurement:	planning,
	assessing	groups	difficulty of	implementation, etc.)
	governance of the	 Participation of local 	answering and	of the project?
	forest sector", The	leaders and representatives	aggregation for	Attraction capacity
	Governance of	 Participation of 	analysis.	with respect of gender,
	Forests Initiative,	stakeholders affected by	No time-bound	age, profession
	September 2009,	decisions on land use	indicator.	(percentage with
	p.37	- Quantity of participation	No specific indicator	respect ate the
		- Breadth of participation by	(meaning of	population proportion).
		different stalesholders	"different"?)	





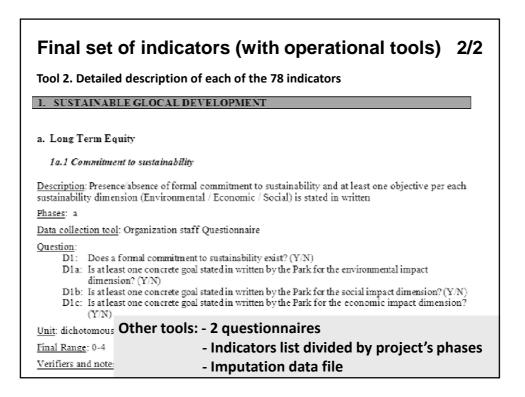


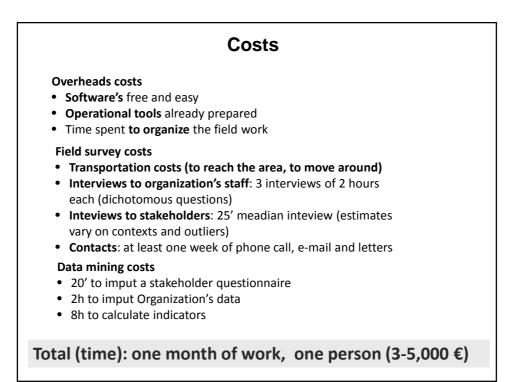
Method:SNA	indexes 🗲	GVC indicators	2/2
13 indicators used in an	a lysis (Hirschi, 2008; In	gold, 2010; Franceschetti, 2009); Prell, 2009)
SNA Index	Flow	Indicator	Dimension
Density	Information (symmetric)	Social relationships	Sust. 'glocal' development
Density	Formal collaboration	Economic relationships	Sust. 'glocal' development
Park's in-closeness centrality	Information	Use of time	Efficiency
Core/periphery analysis	Total collaboration	Inter-sectoral coordination	Effectiveness
Cliques analysis	Total collaboration	Multi-level network	Effectiveness
Divergences against the Park	Divergences	Acceptance by population	Effectiveness
Park's in-degree centrality	Information	Bidirectional flows	Effectiveness
Core/periphery analysis	Information	Main actors' presence in the core	Participation
Compactness	Information	Network cohesion	Participation
Compactness	Total collaboration	Collaboration cohesion	Participation
Park's betweenness centrality	Total collaboration	Between stakeholders	Participation
Density	Information (symmetric)	Mobilization of knowledge	Capacity
Reputational power	Reputational power	Overall reputational power	Capacity

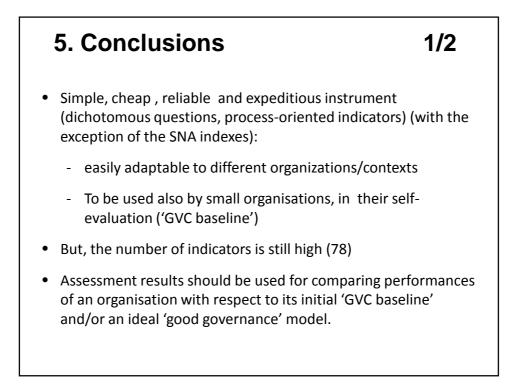
1)) Data accessibility									
2	Correlation and odds ra	tio an	nona	vari	ablac	within	0.2	ch cu	h-dime	nsion and
2			nong	vand	abies	vvitiiiii	60	ich su	0-unne	
	'cross-checking' questio	ns								
3) Logical comparison bet	ween	expe	ected	and e	axores	sse	d india	cators'	results
			onpe		ana	s.p.oc		aman	Jacoro	roouno
code	indicator	range	score1	score2	effective	expected	data	notes1	notes2	general notes
1	PARTICIPATION	. unge				- np - o to u				30.00.0
	Check question on examples (mean)	0-3	0.08	0.98	2	2	Q			ók.
	Check % positive (1-3)	C-100	8	66	2		Q			
	Check % selective (2-3)	C-100	0	24	2		Q			
a	Stakeholders Inclusion									
la.1	Adoption of participation	0-100	10	28	2	2	D		circa	ok.
a.2	Participation throughout the project cycle	0-4	0	3	2	2	D	?		ok.
a.3	Stakeholders participation	0-100	27	40	2	2	Q			ok.
la.4	Participants recording	0-100	0	14	2	X	D			ok. Magbe a conseguence, but importan
	Representativeness									
_		0-100	75	56,2	1	2	Q	SNA	5NA	maybe not significant
b	Main actors' presence in the core			40	x	2	Q			interesting
45 45.1	Main actors' presence in the core represented interests	0-100	40	40	~					

ilience	3c.1	Perception of integration	The Organization is perceived to be integrated in the temtory		scale	1-10		Stakeholders Questionnaire	QII
	30.2	Acceptance by population	N ² of relationships among the org- and stakeholders which aronotseen as divergences on the total aco-links		¥4	0-100	Botiorto-uto divergeneesthan convergenees.	Stakoholders Quostionnairo (SNA)	<u>01</u>
	3c.3	Drversification of financial resources	None of the financial sources is providing more than 50% of total financial resources	Amount of financial resources Sources of financial resources	dichet	0-1	List of sources of financial resources (e.g., donors, etc.) Amount of financial resources annually transferred by each source	Organization staff Questionnaire	D 21
	3c.4	Risk management resources	Presence/absence of reserve funds for potentialunexpected events(damages,)		dichot	0-1	Annual budget and annual balance	Organization staff Questionnaire	D 22
	3c.5	Bidirectional flows	N° of bidirectional flows of information between the organization and other stakeholders on the total n° of stakeholders	In-degree	%	0-100	Note: "organization" is underlined to differentiale this indicator by the 7 b.1	Stakeholders Questionnaire (SNA)	Q 13

Fina	l s	et of i	indicat	ors (witl	h o	per	ational too	ols) 1	/2
	-	list and	d characte	eristics of i	ndio	ator	s		
5. TRANSPARE	NCY code	Indicator	* A/	Variables	11-1-	B	Verifiers and Notes	Data collection	Beferrin
Sub-dimension	code	name	Indicator description	yariaoles	Linit	Range	Verifiers and sydies	tool	to
a. Dəcumentation	5a.1	Projects exhaustiveness	N° of projects with easy access to comprehensive i information on: analysis of the context, objectives, outputs, logical framework, metho dology, timetable, resources, financial plan		∑ 8 dichat	0-8		Organization staff Questionnaire	D 34
	3a.2	Accessibility	Information on structure, decisions process, resources andprojecto with respect to the organization are public available on the web.	Presence absence on the web of information do current or: 1) evenenthip structure and investors' relations; 2) board and managemart structure and decision-making process; 3) financial information; 4) project cycle (decisions taken; activities; preak).	∑4 dichat	0-4	Resourcestefer to points 2) and 5): budget, staff, salaries, organization chart, administration and de cision- making rules.	Organization staff Questionnaire	D 33







	Conc tentials			G UP indica	ators?	2/2
	Dimension Account- ability Sustainable Glocal Development		Indicat	ors	Methodo	logy
			Project updated	progress d online	Website n	nonitoring
			Formal towards standar		Document	tal analysis.
Dimen	Dimension Ind		tors	Methodology	•••	Problems in transferring into national level
Effecti			ack ction s, ints	Perception surv document analy dedicated staff administration	/sis about	Difficulties in collecting statistically significant data
Partici	Participation		k n (social	Collaboration d density "before- (SNA)	0	Difficulties in defining and monitoring high number of stakeholders in dynamic participatory processes

6. Open questions... future research?

- More case-studies/tests are needed (redundancies aggregation weights – multivariate analysis – lower number of indicators).
- Need to refine/to create new indicators for certain complex sub-dimensions (e.g. sustainable glocal development, resilience and institutional changes)
- **Definition of an ideal, minimum 'good governance' level:** who has the right for? Stakeholders (who are they?) consultation?



Thank you for attention!

Laura, Riccardo and colleagues

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