

# Actors` Power and Interests as the Key for Negotiations

The role of powerful actors  
in  
Community Forestry

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## Introduction

### Negotiating biodiversity

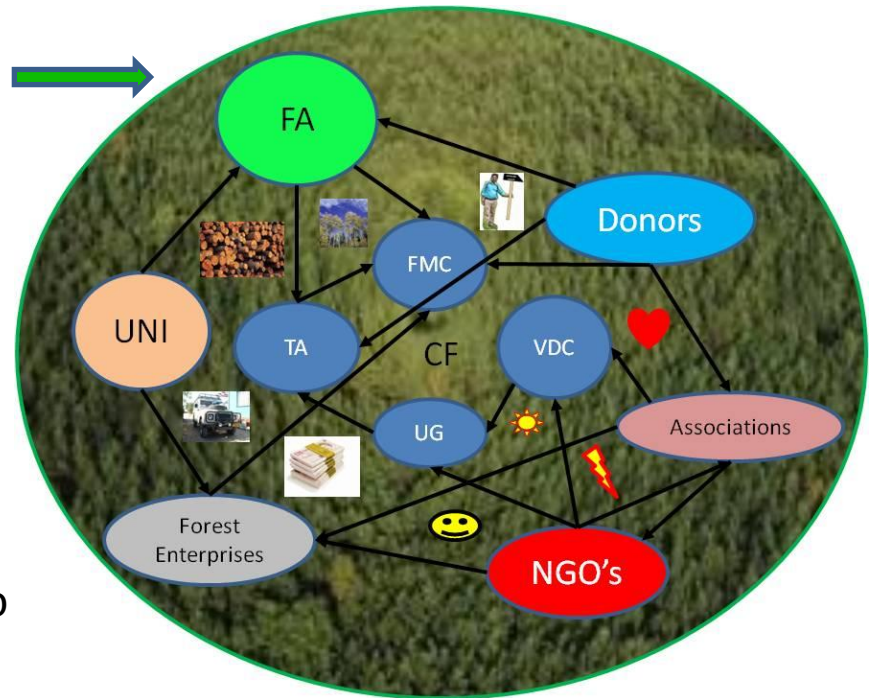
depends on  
Social interaction between  
different actors

+

Who is my component? (*Who are the participating actors?*)

What interest does he has?  
(*What is their interest?*)

What kind of possibilities does he has to  
push through his interests, even against  
my own will. (*Which powers have the  
participating actors?*)





## Hypothesis



“Activities and outcomes in community forestry depend mostly on the interests of powerful actors”.

### Research question:

- Who are the participating actors?
- Which powers have the participating actors?
- Who are the most powerful actors?
- What is their interest?
- What are the outcomes of community forestry in terms of ecological, economical and social dimensions?
- Do powerful actors influence community forestry outcomes?

**Rational**

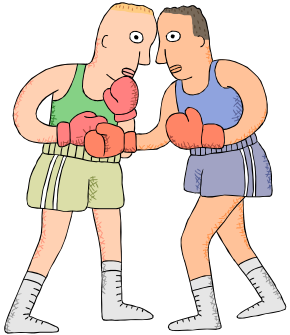
limited time and the small financial budget

challenge

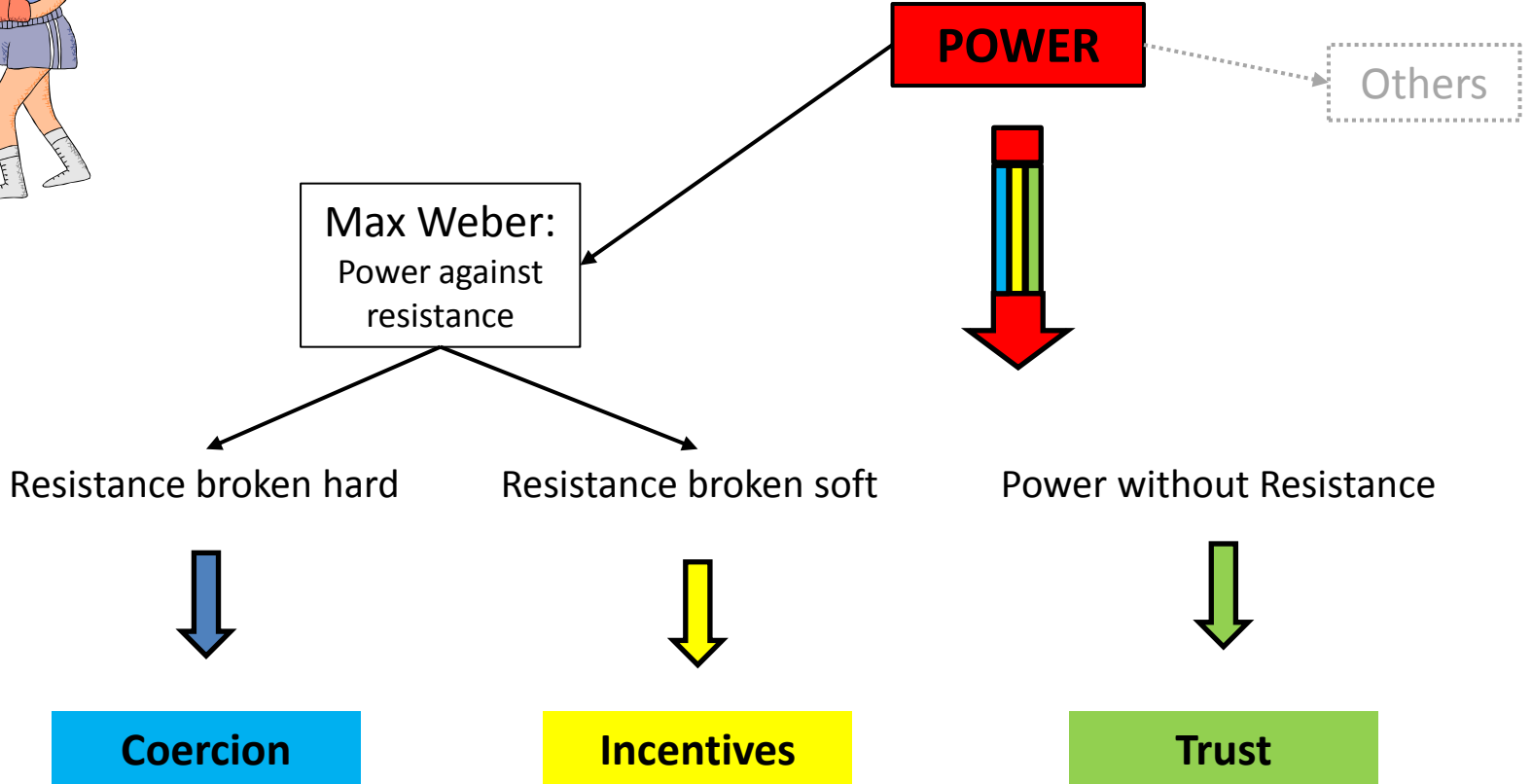


simple methodology which brings **reliable** but also **comparable** results

Total number of planned case studies	66
Average number of days per case study	7



## Actor centered power



- 0
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## Preliminary quantitative study

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PowerAnalysis\_Kavango - Microsoft Excel

Start Einfügen Seitenlayout Formeln Daten Überprüfen Ansicht

Calibri 11 A A

Einfügen Zwischenablage Schriftart Ausrichtung Zahl

Bedingte Formatierung Als Tabelle formatieren Zellenformatvorlagen

Einfügen Löschen Format Sortieren Suchen und Filtern und Auswählen Bearbeiten

J78

	A	B	C	D	E	F	G	H	I	J	K	L
7		LB	Land board									
8		MET	Ministry of Environment and Truism									
9		HM	Headman									
10		VDC	Village Development Committee									
11	Name of CF: Mbeyo-CF											
12	T: trust: 0,1, 2,3(0 no T, 3 fully T), I: Incentive: 0 or 1 (0=none, 1= yes), C: Coercion: 0 or 1 (0= not powerful, 1=powerful)											
13		Power	Stakeholder									
14	Stakeholders	Factor	CF	FMC	DoF	CFN	TA	RC	LB	MET	HM	VDC
67	Contracto2	T	3	3	2	2	2	2	3	2	2	0
68		I	0	0	0	0	0	0	0	0	0	0
69		C	1	1	0	0	0	0	1	0	0	1
70	MLR	T	0	0	3	3	2	3	2	3	0	0
71		I	0	0	0	0	0	0	0	0	0	0
72		C	1	1	1	1	0	1	0	1	1	1
73	<b>Total</b>	<b>T</b>	<b>25</b>	<b>8</b>	<b>27</b>	<b>24</b>	<b>20</b>	<b>11</b>	<b>7</b>	<b>5</b>	<b>23</b>	<b>4</b>
74		<b>I</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
75		<b>C</b>	<b>10</b>	<b>4</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>8</b>	<b>5</b>
76												
77												
78												

Kapinga\_Kamwalye summary old\_CF new\_CF Tabelle1 Article Tabelle2

Bereit 100%

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**Preliminary quantitative study**

→ **Dominance degree**

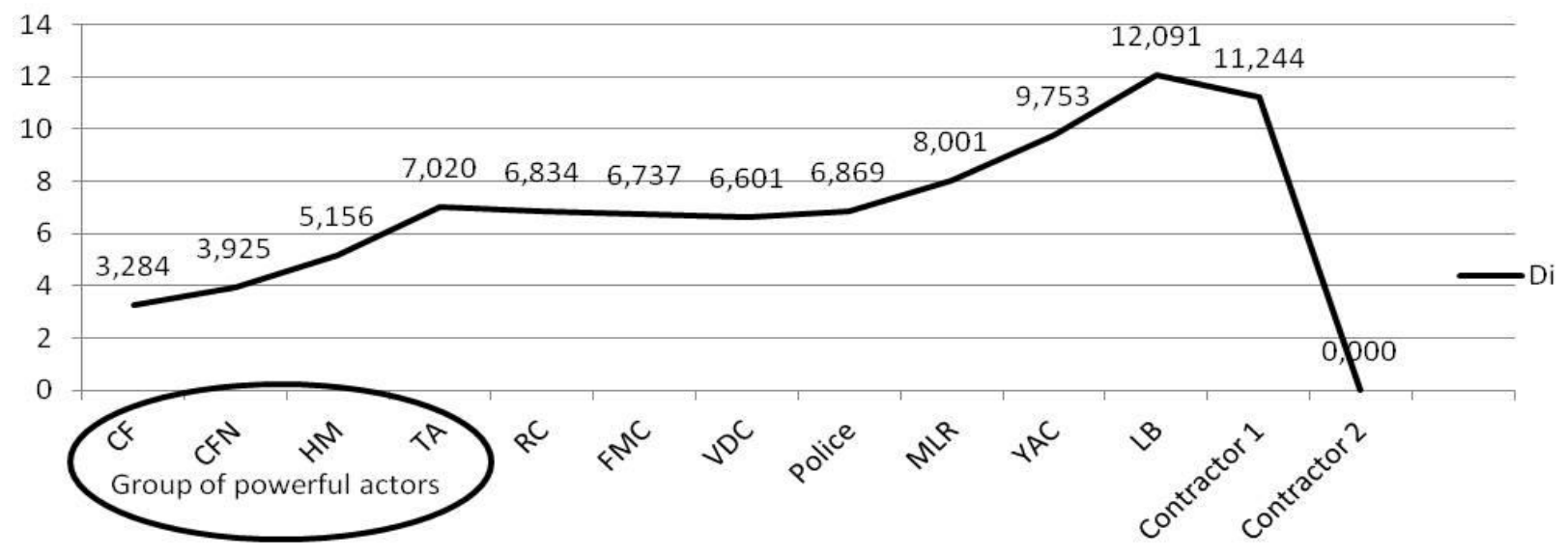
$$h_i = \frac{x_i}{\sum_{i=1}^n x_i} \text{ und } r \leq n$$

$$CR_r = \sum_{i=1}^r h_i$$

$$D_i = \frac{\frac{CR_i}{i}}{\frac{1 - CR_i}{n - i}}$$

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## Di- trust for the CF Mbeyo, Namibia



**Preliminary quantitative study**




$$D_i = \frac{\frac{CR_i}{i}}{1 - \frac{CR_i}{n - i}}$$



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actor classification	Trust	Incentives	Coercion	Name of actor
Forest administration	2	2	2	Directorate of Forestry (DoF)
Donor	2	2	2	Community Forest in Namibia (CFN)
User committee	2	2	2	Forest Management Committee
Traditional Authority 2	2	1	2	Headman (local)
Traditional Authority 1	2	1	1	Chief (of the area)
Forest based enterprise	1	1	1	Local wood contractor 1
Forest based enterprise	1	1	1	Local wood contractor 2
State 1	1	1	1	Land board
State 2	1	1	1	Ministry of Lands and Resettlement
State 3	1	1	1	Police
State 4	1	1	1	Regional Councillor
Association 1	1	1	1	Village Development Committee
Association 2	1	1	1	Youth Against Crime

**final data of the quantitative actor- power- network analysis of the Mbeyo community forest; Namibia (2= powerful, 1 = not powerful)**



## Follow up qualitative study



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	Coercion	Incentives	Trust
FA			
Donor			
User committee			

## Triangulation

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actor classification	QT-T	OL-T	RT	QT-I	QL-I	RI	QT-C	QL-C	RC
Forest administration	2	-	1	2	+	2	2	+	2
Donor	2	+	2	2	+	2	2	+	2
User committee	2	0	1	2	-	1	2	+	2
Traditional Authority 2	2	0	1	1	0	1	2	-	1
Traditional Authority 1	2	0	1	1	0	1	1	-	2
Forest based enterprise	1	0	1	1	0	1	1	0	1
Forest based enterprise	1	0	1	1	0	1	1	0	1
State	1	0	1	1	0	1	1	0	1
State	1	0	1	1	0	1	1	0	1
State	1	0	1	1	0	1	1	0	1
State	1	0	1	1	0	1	1	0	1
Association	1	0	1	1	0	1	1	0	1
Association	1	0	1	1	0	1	1	0	1

Powerful:	2	Not powerful:	1
confirmed:	+	Trust:	T
disconfirmed:	-	Incentives:	I
no information:	0	Coercion:	C
		quantitative data:	QT
		qualitative data:	QL
		final result:	R

**The table shows the quantitative and qualitative data and the final triangulated results for all power elements of the actor centered power concept for the Mbeyo CF, Namibia**

## Outcome analysis

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### Economic outcomes

*Poverty alleviation of households of forest users:*

- Forest products
- Money
- Community development



### Social outcomes

*Social outcomes are the empowerment of the direct forest user:*

- Access of information on the forest
- Access (inclusion and exclusion) on the decision making
- Access and ownership rights over forest land and resources and to exclude others from using them



### Ecological outcomes

*Are the natural conditions of the forest prior and after:*

- Inventory of biomass, biodiversity, stock of trees...
- Monitoring

## Interest analysis



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### Formal Interest



- Research studies
- Documents
  - Questionnaires
  - Self statements (Vision papers)
  - Laws...

### Informal Interest



- Assessment by others
- +
- Observations



## Interrelation analysis of the power-, interests- and outcome analysis

Social outcome	Economical outcome	Ecological outcome
empowerment	poverty reduction	Improved forest resources
moderate	moderate (improved)	low

0	Actor	Trust	Incentives	Coercion	Interest	PIDO_S	PIDO_E	PIDO_EC	PIDO
2	FA	1	2	2	Controller over forest resources	1	None-1	None_1	1
3	Donor	2	2	2	Successful CF project	1	1	0	1
4	FMC	1	1	2	Benefits	1	1	None_1	1
5	TA	1	1	2	Strengthened power, benefits	0	1	None_1	1
6	FE	1	1	1					
7	State 1	1	1	1					
8	VDC	1	1	1					
9									

PIDO: Powerful interest desired outcome

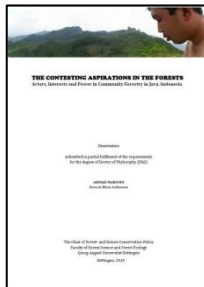
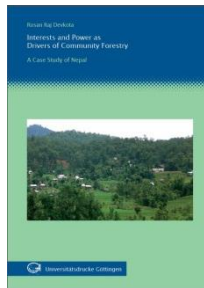
1 powerful actor' interest

0 not powerful actor' interest

None-1 Powerful actor doesn't care about outcome

## Conclusion

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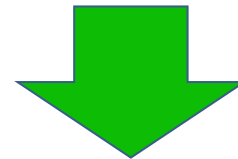


Strategy change of the project

Reformulation of the project

Chanchiang the interests

**YES:** "Activities and outcomes in community forestry depend mostly on the interests of powerful actors".



Development of a new concept based on **preliminary interdisciplinary research results with accompanying research**

Thank you very much !!!

**QUESTIONS...**

**COMMENTS...**

**DISCUSSION...**