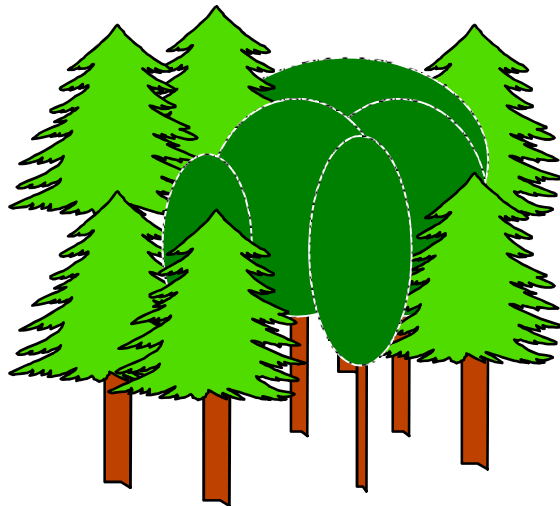


SUSTAINABLE FOREST MANAGEMENT OF OLD COOPERATIVES IN BAVARIA

**2012 IUFRO Small scale forestry conference
23 – 27 September in Amherst, Massachusetts**



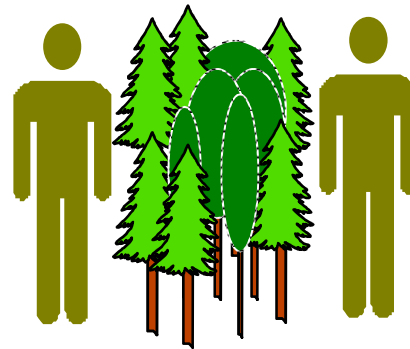
Constitution
Communication
Development
Engagement





Presentation Outline

- About the Research Project “G-32”
- The Situation of commonly managed Forests in Bavaria
- Theories and Methods
- Case Studies
- Results
- Appraisal
- Outlook



The Project G-32

„Ways to sustainable management in the small and smallest private forest “

Funding: Council for forest Research

Bayerisches Staatsministerium für
Ernährung, Landwirtschaft und Forsten



Project areas: Lower Franconia, Upper Franconia and Swabia

Project duration: Three years (2010 - 2013)

Coordination:   Chair of
Forest and Environmental Policy

Co-operation:
- practical partners within the regions





AELFs

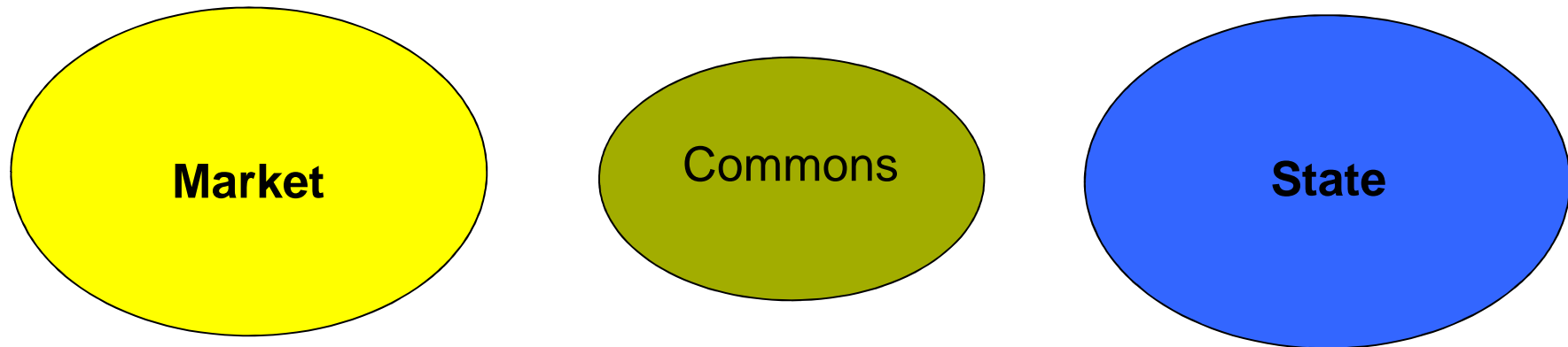


Amt für Ländliche Entwicklung
Unterfranken

The situation of commonly managed Forests in Bavaria

- No official statistics exists
- Before the reform of the Bavarian Forest Act in 2005, the forests of forest cooperatives, other public bodies, public institutions and public foundations were treated like communal forests (CF) – now as private forests (PF)
- Before 2005 the CF-proportion was about 13% > currently it is at 10% (Minus 60.000 ha).
- Since private forests, they may no longer be managed by the Forest Service.
- The advantages of the CF have gone thereby lost.

Theoretical Framework (1)



- The tragedy of the commons (Garrett J. Hardin)
- The prisoner's dilemma game (Flood, Dresher, Tucker)
- The logic of collective action (Mancur Olson)

The (classical) way for the forests: commons - community property - commonly owned property - private property



Theoretical Framework (2)

- The work of E. Ostrom (Governing the Commons)
 - Meta-analysis of numerous cases of commonly managed resources
 - Development of a theoretical framework - IAD framework – to compare the analyzes of different cases
 - Derivation of design principles at a higher level for successful self-regulating institutions - 8 principles

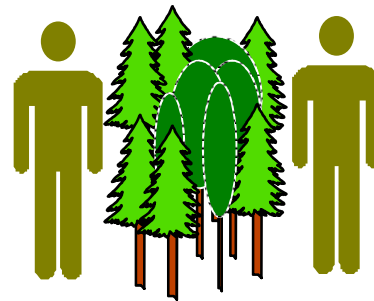
Is this overall approach able to explain the success or failure of Bavarian cases?

What special interrelations are found and what can be concluded?



Methodology

- Selection of appropriate case studies
- Narrative interviews with actors
- qualitative Evaluation
- Analysis of existing documents

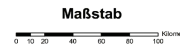




Location of the case studies



Ausgabe 2010
letzte Änderung: 01.01.2010
Lambert winkeltreue Kegelabbildung
Ellipsoid WGS84, Datum WGS84
© Bundesamt für Kartographie und Geodäsie, Frankfurt am Main (2010)
Weiterleitung, Verbreitung und öffentliche Zugänglichmachung
nach www.gesetze.de mit Geodatenportal.gov.de



1 : 2 500 000

- Kreis
- Regierungsbezirk
- BUNDESLAND



Case: „Kleineibstadt“

Location of the case studies

Case: „Versbach“

Case: „Ottowind“





Brief description of the case studies

Waldkörperschaft Versbach

- City of Würzburg
- About 7,000 inhabitants
- Proportion of woodland in the county 21%
- Founded in the 18th Century, the entry in the land register was 1904,
- Constitution since 1981
- 182 Appropriators, 2856 Shares
- High proportion of non-farmers
- Shares are divisible and tradable
- 125 hectares split into four pieces
- Recreation area
- Hunting by external hunter(s)

Waldkorporation Ottowind

- Close to the border of Thuringia (former Border West/East)
- Inhabitants: 235
- Proportion of woodland in the county 31%
- Founded in 1869 (by buying the property)
- 28 Appropriators, 52 Shares
- Close ties to agriculture
- Heritable only with farmstead
- First refusal for corporation
- 175 hectares split into two pieces
- Annual firewood and dividend
- Hunting by members



Brief description of the case studies




Waldgenossenschaft Kleineibstadt

- Close to the border of Thuringia (former Border West/East)
- Inhabitants: 520
- Proportion of woodland in the county 35%
- Founded in the 18th Century
- Constitution since 2010
- 31 Appropriators, 1201 Shares
- Close ties to agriculture
- Heritable only with farmstead
- Abandoned shares go to municipality
- 33 hectares split into two pieces
- Annual firewood
- Hunting by external hunter(s)

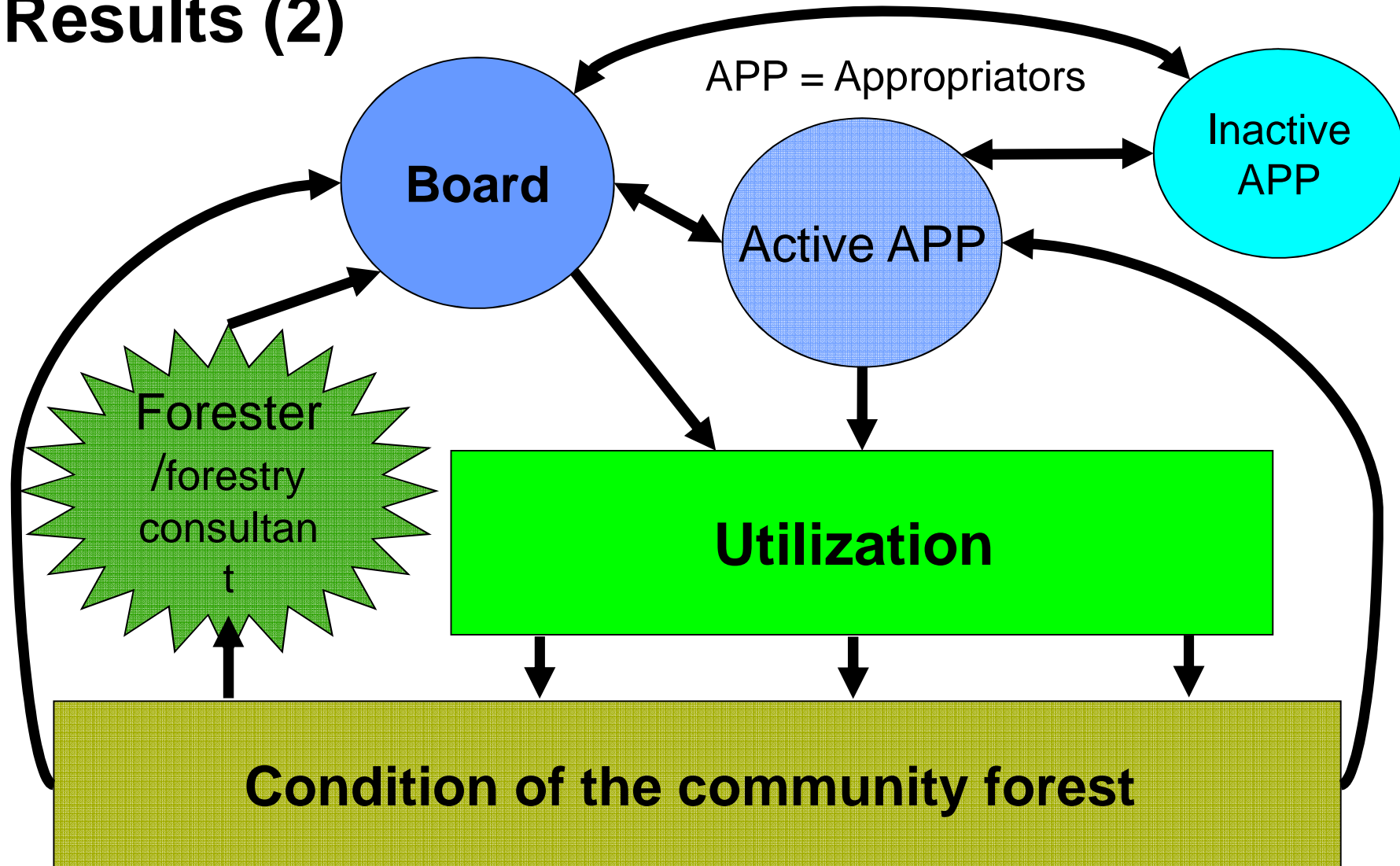
Analysis of the interviews

Codesystem	Transkri	Transkri	Transkri	Transkri	Transkri	Transkri	Transkri
[-] Erfolgskriterien							
[-] Vorteil und Nutzen der Mitgliedschaft							
[-] Nutzung von Brennholz	■	■	■	■	■	■	■
[-] Freude an Eigentum/Wald/Waldarbeit	■	■	■	■	■	■	■
[-] Entscheidungen/Mitbestimmung	■	■	■	■	■	■	■
[-] Gemeinschaft	■	■	■	■	■	■	■
[-] Gewinn/Ertrag	■	■	■	■	■	■	■
[-] Handelnde Akteure							
[-] Förster/Forstverwaltung	■	■	■	■	■	■	■
[-] Vorstandschaft	■	■	■	■	■	■	■
[-] Bauprinzipien nach OSTROM							
[-] 1: Klar definierte Grenzen	■	■	■	■	■	■	■
[-] 2: Kongruenz zw Aneignung und Bereitstellungsregeln...	■	■	■	■	■	■	■
[-] 3: Arrangements für kollektive Entscheidungen	■	■	■	■	■	■	■
[-] 4: Überwachung	■	■	■	■	■	■	■
[-] 5: Abgestufte Sanktionen	■	■	■	■	■	■	■
[-] 6: Konfliktlösungsmechanismen	■	■	■	■	■	■	■
[-] 7: Min. Anerkennung d. Organisationsrechts	■	■	■	■	■	■	■
[-] 8: Eingebettete Unternehmen	■	■	■	■	■	■	■
[-] Hemmnisse							
[-] Fehlende Regeln und Ziele	■	■	■	■	■	■	■
[-] Handelnde Akteure							
[-] Förster/Forstverwaltung/Gemeinde/Jäger etc.	■	■	■	■	■	■	■
[-] Vorstandschaft	■	■	■	■	■	■	■
[-] Mitglieder/Rechtler	■	■	■	■	■	■	■
[-] Zukunftsaussichten							
[-] eher positiv	■	■	■	■	■	■	■
[-] eher negativ	■	■	■	■	■	■	■

Results (1)

Design-prinzipien nach Ostrom			
Clearly defined boundaries	✓	✓	✓
Congruence between appropriation and provision rules and local conditions	✓	✓	⊗
Collective-choice arrangements	✓	✓	⊗
Monitoring	✓	✓	⊗
Graduated sanctions	✓	✓	⊗
Conflict-resolution mechanisms	✓	✓	⊗
Minimal recognition of rights to organize	✓	✓	✓

Results (2)



Appraisal

Success through ...

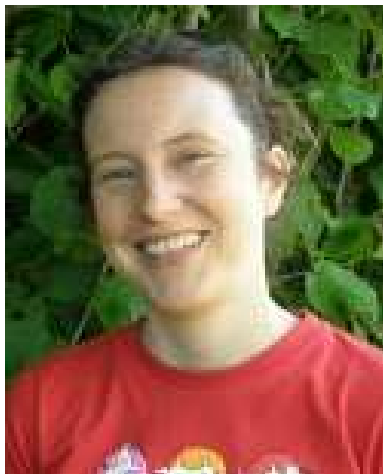
- ... Evolution
 - ... conveying and adapting the goals
 - ... effective ways for Communication
 - ... Competence and Engagement according to the particular position
 - ... Balance between reformers and conservatives
 - ... holistic expert advice / assistance
 - ... networking
 - ... sustainable satisfaction of users demands
-



Outlook

- Established and engaged commons will continue to exist
 - “Level of suffering” not high enough, therefore no political involvement
 - Start-ups are not to be expected (if, then more goal-oriented, such as Energy Community)
 - An occasional interest in founding is overshadowed by land exchange and forest land consolidation
 - A holistic expert advice / assistance plays an important role
-

Thank you very much !



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