Laws and policies governing LUP

- **Land Act (1999)**
  - Focuses on general land and conflict resolution

- **Village Land Act (1999)**
  - Directs land governance and provides power to establish village committees

- **Urban planning Act (2007)**
  - Land management for towns and semi-urban centers

- **Land Use Planning Act (2007)**
  - Establishes National Land Use commission, gives power to appropriate authorities for land use planning.
  - Empowers the commission to develop guidelines

**Other supporting laws**
- Forest Act
- Wildlife Act
- Environmental Management Act
- Water Act
- Beekeeping Act
- Agriculture Act
Key Steps for Village Land Use Planning

1. Sensitization and Education including establishment of PLUM and VLUM
2. Participatory village assessment including collecting socio-economic information
3. Village map development of provision of technical support to guide the process
4. Zoning and drafting of land uses including by-laws establishment
5. Endorsement at village, district and ministerial levels
6. Monitoring and Evaluation – work plan and follow-up
Study Area: Greater Gombe Ecosystem
“Perfect Storm” of Threats

Chimpanzee communities as separate conservation targets in the Greater Gombe CAP

Table 2: Threats with an Overall Rating of “Very High” or “High”

<table>
<thead>
<tr>
<th>Threats Across Targets</th>
<th>Mitumba Chimpanzee Community</th>
<th>Kasekela Chimpanzee Community</th>
<th>Kalande Chimpanzee Community</th>
<th>Kwitanga Chimpanzee Community</th>
<th>Zashe Chimpanzee Community</th>
<th>Chimpanzee Metapopulation</th>
<th>Stable Watersheds and Village Forest Reserves</th>
<th>Kwitanga Corridor</th>
<th>Overall Threat Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incompatible food crops: incompatible conversion to food crops</td>
<td>High</td>
<td>Low</td>
<td>Very High</td>
<td>High</td>
<td>Very High</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>Very High</td>
</tr>
<tr>
<td>Incompatible settlements and infrastructure; incompatible conversion to settlements and infrastructure development</td>
<td>Very High</td>
<td>Low</td>
<td>High</td>
<td>Medium</td>
<td>Very High</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>Very High</td>
</tr>
<tr>
<td>Incompatible extraction of firewood</td>
<td>Low</td>
<td>-</td>
<td>Medium</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>Very High</td>
<td>High</td>
<td>Very High</td>
</tr>
<tr>
<td>Deliberate killing by humans</td>
<td>High</td>
<td>Low</td>
<td>High</td>
<td>High</td>
<td>Very High</td>
<td>Medium</td>
<td>Very High</td>
<td>Medium</td>
<td>Very High</td>
</tr>
<tr>
<td>Incompatible human-ignited fires</td>
<td>Low</td>
<td>Low</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>Medium</td>
<td>High</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Lack of conservation and land-use planning, and inadequate implementation of appropriate land-use plans</td>
<td>Medium</td>
<td>Very High</td>
<td>Very High</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>Medium</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Pathogens introduced by humans and human activities</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>Medium</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Incompatible charcoal production</td>
<td>Medium</td>
<td>Medium</td>
<td>High</td>
<td>Medium</td>
<td>Low</td>
<td>High</td>
<td>Medium</td>
<td>Medium</td>
<td>High</td>
</tr>
<tr>
<td>Kasekela community expansion</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Threat Status for Targets and Project</td>
<td>Very High</td>
<td>Medium</td>
<td>Very High</td>
<td>High</td>
<td>Very High</td>
<td>High</td>
<td>Very High</td>
<td>High</td>
<td>Very High</td>
</tr>
</tbody>
</table>
Conservation core area defined by CAP
Participatory Village Land Use Planning

- Participatory approach, as per guidelines of the NLUPC
- Facilitated by KDC PLUM Teams
- As directed by the Land Act and Village Land Act, 1999
Village land use plans guided by CAP
Conservation core area defined by CAP
Conservation core area defined by CAP

Village boundaries
Conservation core area defined by CAP

Village boundaries & Village Forest Reserves established by land use plans
Conservation core area defined by CAP

Village boundaries & Village Forest Reserves established by land use plans
Conservation core area defined by CAP

Village boundaries & Village Forest Reserves established by land use plans
Conservation core area defined by CAP

Village boundaries & Village Forest Reserves established by land use plans
Conservation core area defined by CAP

Village boundaries & Village Forest Reserves established by land use plans
The result?

Village land use plans established individually for a coordinated result.
Implementation

Monitoring with 60-cm QuickBird satellite Imagery
Community Forest Monitoring using mobile mapping
Patrolling effort (yellow) and threats (red) collected by village forest monitors around Gombe National Park using smartphones & tablets.
Thank You!