Mainstreaming of the National Land Consolidation Programme (MAINLAND)

Vilma Daugaliene
FAO Chief Technical Advisor
19 June 2018, Skopje
General information about the Project

Duration:
• 1 March 2017 – 31 August 2020 (42 months)

Budget:
• The project is financed from the EU funds (IPA budget), co-financed and implemented by FAO (total budget of the project – 2 561 189 EUR)

The achievement of the objectives set by the project is the joint responsibility of the Government and FAO

Overall objective of the Project

To assist the local rural communities and agricultural land owners overcome the problems arising from excessive land fragmentation and small farm size:

“Mitigation and graduate overcoming of the unfavourable structure of the agricultural land as a main resource for the economic activities in the rural areas in order to increase the competitiveness of the agricultural production, to improve the living conditions in rural areas and to provide sustainable use of natural resources”

(National Strategy on Agricultural Land Consolidation)
(Appendix II to Annex I of the Delegation Agreement 2016/382315)
Specific outcome of the Project

To assist MAFWE to take the final steps to make the National Land Consolidation Programme operational:

„Proper operational mainstreaming of the National land Consolidation Programme and established capacity for sound and transparent implementation of land consolidation projects”

(Appendix II to Annex I of the Delegation Agreement 2016/382315)

Beneficiaries of the Project

- Direct:
  - Ministry of Agriculture, Forestry and Water Economy (MAFWE)
  - Agency for Real Estate Cadastre (AREC)
  - National Extension Agency (NEA)
  - Private geodetic and consulting companies
  - Local communities and agricultural land owners

- Indirect:
  - Broader farm community, not participating in the Land Consolidation projects
Project outputs

- Increased awareness and understanding about Land Consolidation
- Potential areas for Land Consolidation in the country identified
- 24 project areas selected, 15 feasibility studies carried out, 9 projects designed and 4 land consolidation projects fully implemented
- Capacity to implement the Land Consolidation programme strengthened at national and regional level in both, the public and the private sector
- Administrative and managerial procedures and tools for operating the National Land Consolidation Programme established
- Framework for monitoring and evaluation of Land Consolidation projects established (including environmental and socio-economic impact assessment)

Activities and results
Output 1: Awareness raising (1)

Activity 1.1:
- Project Communication and Visibility Plan (28 July 2017)
- Plan for Public Awareness Campaign on Land Consolidation (28 July 2017)

Activity 1.2:
- Events organized:
  - Launch event (8 May 2017)
  - Introductory workshop for key stakeholders (4 July 2017)
  - Public awareness raising campaign on land consolidation in Gostivar, Bitola, Strumica and Stip (October – November 2017)
  - Field visit in Spancevo (one of the selected LC areas, gathering farmers from the other three selected villages) (5 April 2018)
Regional workshop in Strumica

Field visit in Spancevo
Output 1: Awareness raising (2)

Activity 1.2:
- Communication materials produced, tools developed:
  - Press-releases
  - Project leaflet
  - Roll-up banners
  - Posters
  - Promotional items
  - Standard information package
  - Project webpage
  - TV interventions, radio broadcasts, written news articles
  - High-quality photos

Aerial photo of land consolidation pilot area in Egri
Output 2: Capacity development

Activity 2.1:
• Staffing plan proposal for Land Consolidation Unit

Activity 2.2:
• Principles on certification of private contractors developed

Activity 2.3:
• Training programme developed

Activity 2.4:
• Three trainings on selection of LC project areas conducted in October 2017

Activity 2.6:
• Study tour to Finland (6-10 May 2018)
Output 3: Procedures and tools (1)

Activity 3.1:
- Amendments to the Law on Consolidation of Agricultural Land:
  - Draft amendment finalized in November 2017
  - Adopted by the Parliament on 2 May 2018 (came into force on 8 May 2018).

Activity 3.2:
- Procedures for selection of land consolidation project areas

Activity 3.3:
- Procedures for feasibility studies
Output 3: Procedures and tools (2)

**Activity 3.4:**
- Procedures for re-allotment planning (under development)

**Activity 3.7:**
- Proposal for the relevant RDP support measure for LC

**Activity 3.8:**
- Digital tools for support of NLCP

**Activity 3.9:**
- TWG established and two meetings held in September and November 2017

Output 4: Land consolidation projects

**Activity 4.1:**
- Countrywide analysis of feasibility for LC (August 2017)

**Activity 4.2:**
- First round of selection of LC project areas (12) (February 2018)

**Activity 4.3:**
- Feasibility studies conducted in selected LC project areas (tendering procedure – service providers to be selected out of those, who expressed the interest)

**Activity 4.9:**
- Finalization of projects in Egri and Konce
### Criteria for countrywide analysis of feasibility for LC

<table>
<thead>
<tr>
<th>No.</th>
<th>Data</th>
<th>Dimensions</th>
<th>Aim</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Scale of ownership registration (to avoid land conflicts, unclear ownership)</td>
<td>%</td>
<td>Higher registration rate</td>
</tr>
<tr>
<td>2</td>
<td>Coverage of Private agricultural land within cadastral municipality (focusing to improve rural viability by helping private land owners)</td>
<td>%</td>
<td>More private agricultural land (Note: only of the total agricultural land within cadastral municipal land)</td>
</tr>
<tr>
<td>3</td>
<td>Average parcel size for agricultural land within cadastral municipality in Private ownership (to increase parcel size of private agricultural land)</td>
<td>ha</td>
<td>Smaller private agricultural land parcels</td>
</tr>
<tr>
<td>4</td>
<td>Average parcel size for agricultural land within cadastral municipality in State ownership (to increase parcel size of State agricultural land)</td>
<td>ha</td>
<td>Smaller State agricultural land parcels</td>
</tr>
<tr>
<td>5</td>
<td>Average number of parcels per land owner (to identify land fragmentation)</td>
<td>No.</td>
<td>Higher number of land parcels per land owner (title deed)</td>
</tr>
<tr>
<td>6</td>
<td>Average slope of land per municipality (to avoid mountainous cadastral municipalities)</td>
<td>%</td>
<td>Lower slope</td>
</tr>
<tr>
<td>7</td>
<td>Soil quality points (to identify most suitable soil for agricultural production)</td>
<td>index</td>
<td>Higher soil fertility</td>
</tr>
<tr>
<td>8</td>
<td>Average population density per sq.km in cadastral municipality (to identify areas having highest population)</td>
<td>No.</td>
<td>Higher number of inhabitants per sq.km in cadastral municipality</td>
</tr>
</tbody>
</table>

### Most feasible areas for land consolidation
### Meeting with farmers in Karbinci

#### Criteria for selection of LC project areas

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Preferred situation</th>
<th>Data</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. LC objectives</td>
<td>As many as possible</td>
<td>Questionnaire + statistical data</td>
<td>10</td>
</tr>
<tr>
<td>2. Percentage of adjudicated agricultural land</td>
<td>As high as possible</td>
<td>AREC</td>
<td>15</td>
</tr>
<tr>
<td>3. Number of interested landowners</td>
<td>As many as possible</td>
<td>Questionnaire + statistical data</td>
<td>10</td>
</tr>
<tr>
<td>4. Size of LC project area</td>
<td>As large as possible</td>
<td>Questionnaire</td>
<td>15</td>
</tr>
<tr>
<td>5. Average size of agricultural land parcel</td>
<td>As small as possible</td>
<td>GIS data</td>
<td>10</td>
</tr>
<tr>
<td>6. Terrain topography</td>
<td>As flat as possible</td>
<td>Questionnaire</td>
<td>5</td>
</tr>
<tr>
<td>7. Part of LC project area under the perennial crops</td>
<td>As small as possible</td>
<td>GIS data + Questionnaire</td>
<td>10</td>
</tr>
<tr>
<td>8. Presence of immovable objects in the LC project area</td>
<td>As few as possible</td>
<td>GIS data + Questionnaire</td>
<td>10</td>
</tr>
<tr>
<td>9. Number of farmers participating in the local meetings</td>
<td>As many as possible</td>
<td>Field visits</td>
<td>10</td>
</tr>
<tr>
<td>10. Level of enthusiasm of the local community</td>
<td>As high as possible</td>
<td>Field visits</td>
<td></td>
</tr>
</tbody>
</table>

Minimum number of points: **31**

Maximum number of points: **105**
### Characteristics of selected LC project areas

<table>
<thead>
<tr>
<th>No.</th>
<th>Municipality</th>
<th>Village</th>
<th>Indicated by country wide FS as most feasible LC area</th>
<th>Total LC project area (ha)</th>
<th>Tentative number of land parcels</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bogdanci</td>
<td>Stojakovo</td>
<td>No</td>
<td>469</td>
<td>2,250</td>
</tr>
<tr>
<td>2</td>
<td>Bitola</td>
<td>Logovardi</td>
<td>Yes</td>
<td>513</td>
<td>980</td>
</tr>
<tr>
<td>3</td>
<td>Bitola</td>
<td>Trn</td>
<td>Yes</td>
<td>329</td>
<td>670</td>
</tr>
<tr>
<td>4</td>
<td>Bitola</td>
<td>Opticari</td>
<td>Yes</td>
<td>630</td>
<td>856</td>
</tr>
<tr>
<td>5</td>
<td>Bitola</td>
<td>Zabeni</td>
<td>Yes</td>
<td>276</td>
<td>605</td>
</tr>
<tr>
<td>6</td>
<td>Debarca</td>
<td>Leshani</td>
<td>No</td>
<td>332</td>
<td>1598</td>
</tr>
<tr>
<td>7</td>
<td>Chesinovo-O</td>
<td>Cheshinovo</td>
<td>Yes</td>
<td>445</td>
<td>2,100</td>
</tr>
<tr>
<td>8</td>
<td>Chesinovo-O</td>
<td>Sokolarci</td>
<td>No</td>
<td>268</td>
<td>1,573</td>
</tr>
<tr>
<td>9</td>
<td>Chesinovo-O</td>
<td>Spanchevo</td>
<td>No</td>
<td>276</td>
<td>1,964</td>
</tr>
<tr>
<td>10</td>
<td>Chesinovo-O</td>
<td>Chiflik</td>
<td>No</td>
<td>156</td>
<td>1,157</td>
</tr>
<tr>
<td>11</td>
<td>Resen</td>
<td>Carev Dvor</td>
<td>yes</td>
<td>386</td>
<td>704</td>
</tr>
<tr>
<td>12</td>
<td>Borisovo</td>
<td>Monospito</td>
<td>Yes</td>
<td>440</td>
<td>2,250</td>
</tr>
</tbody>
</table>

### Selected areas for land consolidation feasibility studies (12)

![Map of selected areas for land consolidation feasibility studies](image)
Activity 5.1:
- Draft Monitoring & Evaluation Plan for measuring the benefits of land consolidation is prepared

Activity 5.6:
- Advice on the needs and specifications of the Integrated Land Management Register (in progress)

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THANK YOU!