THE TRANSHUMANCE IN SPAIN

White Book
ANTECEDENT

WHITE BOOK ON TRANSHUMANCE

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White Book
The National Rural Network is an integrated system designed to strengthen alliances, disseminate experiences and form a common scenario with all stakeholders in the sustainable development of the Spanish rural area.

**THE NATIONAL RURAL NETWORK**

Aim 1. Improve the implementation of rural development programming

Aim 2. Increase the capacity of development of territories and especially with bottom-up approach

To promote the Spanish development of the rural world

Aim 3. Promote knowledge on the rural world
**THE TRANSHUMANCE IN SPAIN**

*Transhumance and extensive livestock farming Working Group*

| House of representatives of the Ministry of Agriculture, Food and Environment | General Direction of Rural Development and Forestry Policy  
General Direction of Quality, Environmental Assessment and Natural Environment  
General Direction of Health of Agricultural Production  
General Direction of Agricultural Production and Markets |
|---|---|
| House of representatives of Autonomous Communities of Spain | Government of Navarra  
Government of Extremadura  
Autonomous Community of Baleares  
Autonomous Community of Madrid  
Government of Asturias |
<table>
<thead>
<tr>
<th>Organizations</th>
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<tbody>
<tr>
<td>❖ UPA (Union of Small Farmers and Ranchers) and UPA_Avila;</td>
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<td>❖ Foundation Felix Rodriguez de la Fuente;</td>
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<td>❖ Transhumance and Nature Association</td>
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<td>❖ Spanish Association of de Avileña-Negra Iberica breed</td>
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<td>❖ National Federation of Pastors</td>
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<td>❖ Ranchers´s Association of San Mames</td>
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<td>❖ Foundation Santa María la Real</td>
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<td>❖ Spanish Federation of Indigenous Breeds</td>
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<td>❖ Association of transhumnace and extensive ranchers of Asturias</td>
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<td>❖ Quebrantahuesos Foundation</td>
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<td>❖ Transhumance VIVA</td>
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<td>❖ Spanish Network for Rural Development</td>
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Goals

To ensure the maintenance and recovery of migratory activity in serious risk of disappearing or being relegated to a marginal activity.

Diagnosis of the current situation of transhumance

- To channel a growing demand of the transhumance sector and the society in general.
- To collect the different views of the sector, the scientific community, the administration and the rural population in relation to transhumance.
- To perform an updated analysis of the situation of the sector on the basis of the information available until the date.
- To assess the alternatives from the various administrative units involved, trying to coordinate the work of the Ministry of Agriculture, Food and Environment.
- To prioritize the actions to be carried out in order to their impact on the sector and their contribution to reversing unfavorable situations identified in the diagnostic phase.
Participation Process

Participation Process: it involves various actions addressed to inform and consult the different stakeholders involved in the transhumance activity. Organized through various forums and workshops.

- Transhumance and extensive livestock farming Working Group

- Participatory Day on the White Book (San Fernando de Henares, October 19, 2011). Wide set of proposals and priorities. Assistance great representation of transhumance pastors.

- Expert panel. Major academic and research teams working in the study, maintenance and recovery of transhumance.

**Shared aims and goal** to establish the necessary measures to safeguard the current transhumance remanents.
THE TRANSHUMANCE IN SPAIN

Federation of Extensive Farmers and Herds of Castilla y León (León, Burgos, Ávila y Zamora)

Transhumants of Leon (León-Extremadura)

Transhumants of Teruel (Albarracín- Jaén)

Transhumants of Jaén (Pontoneros)

Transhumants of Cuenca (Cuenca-Ciudad Real (Alcudia))

Transhumants of Avila (Vaqueros de Gredos – Extremadura)

Participatory Day
The AIMS of the journey were:

- To inform on the development of the White Book of the Transhumance in Spain
- To gather contributions and information from the participants
- To open a debate on possible topics to include in the White Book
The mobile pasturage, represented in Spain by transhumance, is not a local phenomenon, but is practically anywhere in the world.
2. INTERNATIONAL DIMENSION OF THE TRANSHUMANCE
3. THE TRANSHUMANCE IN HISTORY

Becoming activity from prehistory to the current day. Rise and fall of the activity, crisis of the traditional systems and disarticulation of the cattle trails.

4. THE TRANSHUMANT LIVESTOCK

Transhumance contribution to genetic improvement of livestock breeds, adapted to the environment and generating high quality products.
Sharp decline in staff for the transhumant sheep and goat flocks, facing a substantial increase in cattle

<table>
<thead>
<tr>
<th>TRANSHUMANT CATTLE</th>
<th>TOTAL (2010)</th>
<th>ON FOOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSIDE THE AUTONOMOUS COMMUNITIES</td>
<td>182,000</td>
<td>43,26%</td>
</tr>
<tr>
<td>BETWEEN AUTONOMOUS COMMUNITIES</td>
<td>30 A 45,000</td>
<td>10,22%</td>
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</table>

<table>
<thead>
<tr>
<th>TRANSHUMANT SHEEP AND GOAT</th>
<th>TOTAL (2010)</th>
<th>ON FOOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSIDE THE AUTONOMOUS COMMUNITIES</td>
<td>224,000</td>
<td>43,06%</td>
</tr>
<tr>
<td>BETWEEN AUTONOMOUS COMMUNITIES</td>
<td>50,000</td>
<td>9,63%</td>
</tr>
</tbody>
</table>
More than a half of the Spanish territory is occupied by areas suitable for livestock use, usable almost exclusively composed by rustic ranching.
Rangeland and greenhouses are the complementary territories associated with transhumant livestock movements, in addition to the stubble and fallow agricultural land.
### 5. TRASHUMANT TERRITORIES

<table>
<thead>
<tr>
<th>SUMMER PASTURES  “agostadero”</th>
<th>WINTER PASTURES  “invernadero”</th>
</tr>
</thead>
<tbody>
<tr>
<td>❖ Predominance of public ownership</td>
<td>❖ Predominance of private ownership</td>
</tr>
<tr>
<td>❖ Difficult access to parched pastures (award procedure)</td>
<td>❖ Legal uncertainty due to the lack of contracts</td>
</tr>
<tr>
<td>❖ Competition/conflict with shelf livestock / hunting / agriculture</td>
<td>❖ Higher prices for competition in land use (hunting, etc.).</td>
</tr>
<tr>
<td>❖ Lack of infrastructure</td>
<td>❖ Health risk from contact with wildlife and / or hunting.</td>
</tr>
<tr>
<td></td>
<td>❖ Lack of infrastructure.</td>
</tr>
</tbody>
</table>
5. TRASHUMANT TERRITORIES

Big ROYAL DROVE ROADS of La Mesta and Forest Public Use

[Map of Grandes Cañadas Reales de la Mesta y Montes de Utilidad Pública]

[Image of shepherds with sheep]

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White Book
6. MOVEMENT OF LIVESTOCK: DROVE ROADS
6. MOVEMENT OF LIVESTOCK: CATTLE TRAILS

General Network of Drove Roads
6. MOVEMENT OF LIVESTOCK: CATTLE TRAILS

General Network of Drove Roads
6. MOVEMENT OF LIVESTOCK: DROVE ROADS

General Network of Drove Roads: cultural-historical
6. MOVEMENT OF LIVESTOCK: DROVE ROADS

General Network of Drove Roads: tourist-recreational
6. MOVEMENT OF LIVESTOCK: DROVE ROADS

Law 3/1995 on Drove Roads

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Drove Roads Conditions

- Intrusism: agricultural character, no respect for the “two-field system”, etc.
- Urban invasion and occupation.
- Obstacles and Hazards: Infrastructure, dumping sites...
- Difficult of access to water
- Pasture deterioration
- Lack of infrastructure for shepherd and livestock

National Network Restoration Program
6. MOVEMENT OF LIVESTOCK: DROVE ROADS
7. SOCIO-ECONOMIC OF TRANSHUMANCE

- Transhumant population: effective, location and dual residence

<table>
<thead>
<tr>
<th>MOVEMENTS</th>
<th>Sheep_Goat Farms Owners</th>
<th>Beef Farms Owners</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSIDE THE AUTONOMOUS COMMUNITIES</td>
<td>85</td>
<td>1.159</td>
</tr>
<tr>
<td>BETWEEN THE AUTONOMOUS COMMUNITIES</td>
<td>1.205</td>
<td>5.944</td>
</tr>
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- New generation
- Role of women
- Economic analysis
- Associations and cooperatives
THE TRANSHUMANCE IN SPAIN

7. SOCIO-ECONOMIC OF TRANSHUMANCE

White Book
8. ENVIRONMENTAL AND CULTURAL SERVICES OF TRANSHUMANCE: ECOSYSTEM SERVICES

Regulating services

- Connectivity
- Conservation of indigenous breeds
- Fire prevention
- Erosion control and soil fertilization
- Exploitation of marginal lands (desertification)
- Climate change mitigation
8. ENVIRONMENTAL AND CULTURAL SERVICES OF TRANSHUMANCE: ECOSYSTEM SERVICES

Regulating services
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8. ENVIRONMENTAL AND CULTURAL SERVICES OF TRANSHUMANCE: ECOSYSTEM SERVICES

Regulating Services
Trashumance and Ecosystem Services:

**Supplying Services:**
- Meat, milk, leather, wool, manure
- Fixation of population
- Efficiency and quality

**Culturals Services:**
- Historical and artistic heritage. Etnographic
- Turism. BIC. UNESCO
- Traditional ecological knowledge

**Services valuation:**
- Limitations and possibilities (PSA)
8. ENVIRONMENTAL AND CULTURAL SERVICES OF TRANSHUMANCE: ECOSYSTEM SERVICES

Pastoralist art

Shearing house
Axis 1. Regulatory and Institutional Framework Development

Regulatory developments relating to the consolidation of the cattle trail network and health regulations. To create the sectoral transhumance table.

Axis 2. Improving knowledge for management

Improving knowledge for management: transhumant livestock record. Precise determination of the current areas of transhumance and their biogeographic characteristics, planning and regulations.

Axis 3. Social and economic integration

The lack of labour and the socio-economic integration of the activity and its leaders: professional qualification, financial support under the Rural Development Programs, access to grants, support to infrastructure and modernization. Recognition and compensation of the environmental services through territorial farming contracts.

Axis 4. Livestock routes infrastructure

Conservation of road infrastructure associated with the transhumant activity through the development, in the current line of work, under the Cattle Trails Recovery Program and the consequent determination and official publication of the National Network of Cattle Trails.
**THE TRANSHUMANCE IN SPAIN**

**Axes and Measures**

**Axis 5. Livestock and animal health**

Simplify procedures and formalities under the framework of health guarantee.

**Axis 6. Enhancement of transhumance**

Promotion of innovative projects, development of informative campaigns aimed at various groups and colectivos and volunteer programs specifically related to transhumance.

**Axis 7. International projection**

To promote the statement of the National Network of Cattle Trails as European Natural and Cultural Itineraries and as World Heritage and the incorporation of transhumance and mobile pasturage as a strategic line of the Spanish International Cooperation.
The future: Iberian Association of pastoralists
Thank you very much!


Rcasas@magrama.es