

MEditerranean bio**D**iversity as a tool for the sustainable development of the small ruminant sector: from **T**raditional knowledge to **I**nnovation: **DoMEsTic**

Partners

- NAGREF
 - Veterinary Research Institute of Thessaloniki
 - Agricultural Economics and Policy Research Institute
- Institut National de la Recherche Agronomique, SAD LRDE, Corse
- Agricultural Research Institute, Nicosia
- Institut Agronomique et Vétérinaire Hassan II

Content

- Characteristics of the production systems
- Assessment the sustainability of the system
- Interactions between genetic management of the local breeds and valorisation
- Adaptation of local breeds to their territory and of the way they manage this adaptation.
- Supply chain analysis of existing or potential examples of valorisation of traditional breed products

State of Art

- Rangeland and pastoral systems → the traditional way of farming
- Knowledge systems and know-how developed gradually in interaction with the environment
- These systems are valuable under the new demands
 - protection of the environment and biodiversity,
 - consumer demands on safe and quality products (in affordable prices)
- The necessary evolution of these systems → an overall adaptation of their components
 - to provide sufficient income to the farmer in appreciable working and living conditions
- Differentiation of the products, valorization of their specificities

Corse, FR



Epirus, GR



Cyprus



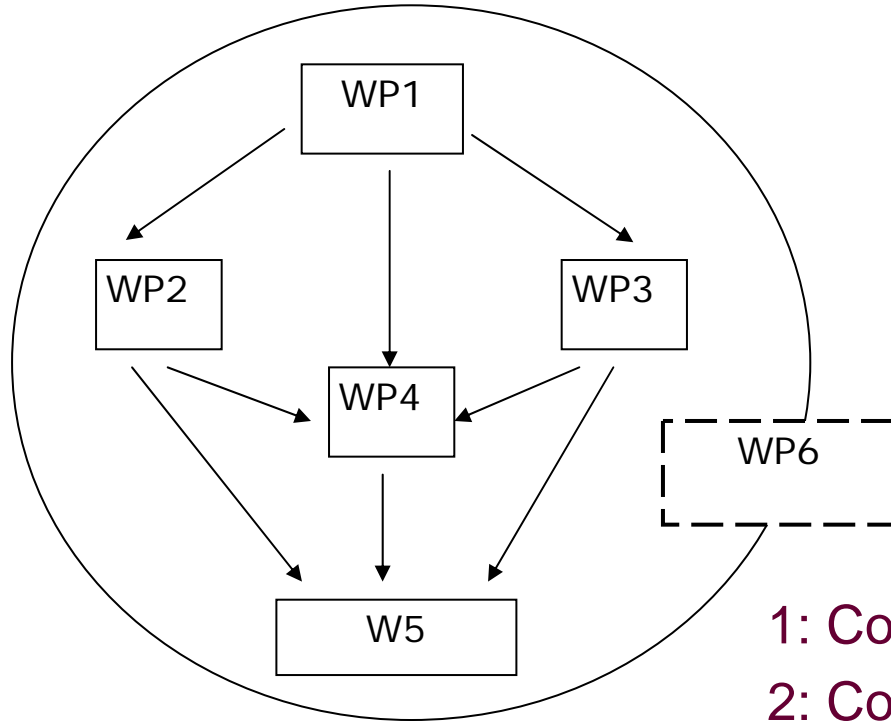
Morocco



Aims and objectives

- Sustainability of pastoral and rangeland production systems (sheep and goat production)
- The following aspects will be investigated:
 - Components of the production systems
 - Assessment of the sustainability (environment, economical, social).
 - Role of local authorities / organisation at territorial level
 - Distribution of products, supply chain, trends of the market
 - Positive synergies in breeds-products interactions.
 - review existing strategies
 - supporting the development of new ones.

Workpackages



- 1: Components of the Production System
- 2: Collective organisation at territorial level
- 3: Supply chain and Market analysis
- 4: Assessment of the sustainability of the system
- 5: Mediterranean Platform
- 6: Project Coordination and Management

WP1. Components of the production system

- Interviews of the different stakeholders on the farming methods, specific uses, products, links to the region etc.
- Review the traditional knowledge related to the production systems, developed in the specific environment and resources.

WP2. Collective organisation at territorial level

- The territorial features will be analysed
 - Interaction between territory and production process
 - Involvement of stakeholders on the territory
 - Role of sheep and goat production systems in the local development

WP3. Supply chain and Market analysis

- Identify and characterise the main stakeholders involved in the production and valorisation of the products
- Products with commercial ground, adapted to the market needs and demands
- Maintaining their specificity, originality and authenticity

WP4. Assessment of the sustainability of the system

- Identify explicit and implicit practices and rules implemented by the farmers and all stakeholders in the studied cases.
- Interactions between the strategies for product valorisation and strategies for the genetic management of the breed

WP5. Mediterranean Platform consolidating traditional knowledge and innovation

- Information tool of the project
- Website of the project (arim-domestic.net)
- Main dissemination tool of the Project deliverables
- Communication Platform consolidating traditional knowledge for innovative activities
- To be extended further (after finalisation of the project) to all countries of the Mediterranean region.

Timetable

WP	Year 1												Year 2												Year 3						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1			D1							D2			D3																		
2												D1					D2				D3										
3												D1											D2								
4																									D1			D2			
5					D1																									D2	
6		M1												M2						D3							M4		M5		D6

Dissemination

- Scientific papers / announcements in workshops / conferences
- Several meetings addressed to national stakeholders
- Publications in local language
- Website

Contribution

- Link livestock production with the environment, the social and economical sciences
- Positive changes
 - in the efficiency and resilience of the production systems,
 - the competitiveness of the products and their position in the market
- Propose a framework to establish and enforce rules for the cooperation of local actors
- Advising tools for the implementation of valorisation projects, breeding schemes and commercialisation strategies, by conciliating the objectives of various local stakeholders.

Added Value in the Mediterranean Region

- Enhance our knowledge in the components of the production systems that contribute to the sustainability of the systems
- Develop methods and models towards the evolution of the rangeland and pastoral systems
- The common analysis of case studies, will allow the development of guidelines and tools to be used in the whole region