



General Assembly
Hamburg Germany
5 September 2026

Albania

Sustainable economic use – effective options for *in-situ* conservation of FAnGR

National Program “+100 Tourist Villages” and “Mountain Package”

Prof. Dr. Kristaq Kume

NC of FAnGR

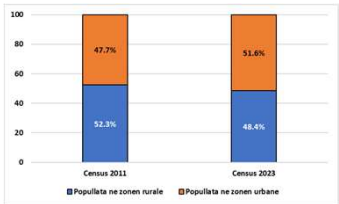
1



General Assembly
Hamburg Germany
5 September 2026

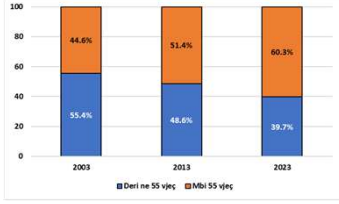
Effects of changes in the political system and economy in the last three decades

1. Profound demographic changes in rural areas



Census	Popullata ne zonen rurale	Popullata ne zonen urbane
Census 2011	52.3%	47.7%
Census 2023	48.4%	51.6%

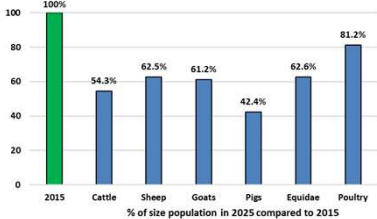
Inversion of the ratio Population in urban areas / Population in rural areas



Year	Deri ne 55 vjeç	Mbi 55 vjeç
2003	55.4%	44.6%
2013	48.6%	51.4%
2023	39.7%	60.3%

Massive exodus of young people from rural areas

2. Significant reduction in the size of livestock populations



Livestock Category	% of size population in 2025 compared to 2015
2015	100%
Cattle	54.3%
Sheep	62.5%
Goats	61.2%
Pigs	42.4%
Equidae	62.6%
Poultry	81.2%

2



General Assembly
Hamburg Germany
5 September 2026

Dynamic of size population – native/autochthons breeds

Cattle
(Census 2015-2023)

Native breed	Size population			Actual Trend
	Total	Bull	Cows	
Illyrian Draft cattle "Albanian Prespa Cattle",	750-800	17	500-550	↘
Cattle "Busha"	650-720	19	515-600	↘
Busha "Lopa e Lekbibaj"	700-760	22	560- 630	↘
Busha "Gurgucka"	250-300	8	120-150	↘
Ilirian cattle "E kuqja shkodrane"	70-90	10	35-40	↗

Ilirian draft cattle "Lopa e Prespes"



Busha cows



Busha "Lopa e Lekbibaj"



Busha "Gurgucka"



Ilirian cattle "E kuqja shkodrane"





General Assembly
Hamburg Germany
5 September 2026

Sheep
(*Statistical evaluation 2015, ** Census 2023)

Raca	Numri			Trend
	Native / Locale breed			
	Total	Desh	Ewe	
Rrecka*	724000	42000	612000	↘
Ruda*	91000	6200	77000	↗
Bardhoke*	58400	13200	44100	↗
Shkodrane**	550	21	330	↘
Lara of Matit**	13400	780	9950	↗
Lara e Polisit**	950	55	729	↘

"Rrecka" sheep breed



"Ruda" sheep



"Shkodrane" sheep



"Bardhoke" sheep



"Lara e Polisit" sheep



"Lara e Matit" sheep





General Assembly
Hamburg Germany
5 September 2026

Goat native breeds
(Statistical evaluation 2020-2023)

Native ecotypes	Number	Actual Trend
Caporre e Dragobise	5760	▼ Decreasing
Has	24200	▼ Decreasing
Velipoje	2100	▲ Increasing
E kuqe e Matit	26300	▼ Decreasing
Lara e Kallmetit	970	▲ Increasing
Capore e Mokrres	2250	▼ Decreasing
E zeza e Liqenasit	2560	▼ Decreasing
E zeza e Dukati	4200	▼ Decreasing
Muzhake	32400	— Stable

Capore e Dragobise



Goat of Hasi



Goat of Velipojes



The red of Matit



Capore e Mokrres



Lara of Kallmetit



Black goat of Liqenasit



Black goat of Dukatit



5



General Assembly
Hamburg Germany
5 September 2026

Local pig breeds
(Census 2023)

Breed	Number			Actual trend
	Total	Harça	Sow	
The White Siska of Shkodra	670-720	14-18	52	↗
Pullalliu i Shkodres	400-500	19-23	48	↗
Pig with wattle	240-260	16-20	33	↗

The White Siska of Shkodra



Pig with wattle



Pullalliu of Shkodres



6



General Assembly
Hamburg Germany
5 September 2026



100
FSHATRAT

Conservation and Sustainable use of
Agro biodiversity
National Program 2018-2022
“100+ Villages”

4 PILARs

Agriculture – Tourism – Traditional culture – Infrastructures

General objective
-Sustainable rural development through the development of agrotourism and ecotourism, the effective use of biodiversity, cultural traditions, the traditional system of production and processing of agricultural products of domestic crops and animals of local breeds

The main tool
- The private initiative through PPP (Public Private Partnership) development

100
FSHATRAT





General Assembly
Hamburg Germany
5 September 2026

AGRICULTURE
-Support the farmers communities for revitalization the traditional production system, cultivation and farming the native plant varieties and animal breeds, use the traditional processing of plant and animal productions
-Capacity building to support farmers cooperation necessary for implementation the: “Incubatory of village” – an informal group of farmers that work following the slogan:
“**CONSERVATION THROUGH UTILIZATION**”

TOURISM
-Support the private initiatives for establish the touristic houses at village level.
-Support the farmers to implement the local market for traditional products

INFRASTRUCTURES
- Investment in road network construction, water supply and public service capacity building.

TRADITIONAL CULTURE
- Capacity building to support the local group, young people, women for revitalization the traditional culture



General Assembly
Hamburg Germany
5 September 2026

OBJECTIVES AND ACTIONS FOR THE SUSTAINABLE ECONOMIC USE OF INDIGENOUS ANIMAL GENETIC RESOURCES

- Encouragement and support for the development of "incubator" farms that implement the traditional production system and breeding indigenous breeds
- Support for the development of capacities in farming communities for the realization of added value in local agricultural and livestock products
- Promotion of traditional products
- Support for the creation and diversification of the local market as part of the infrastructure for the development of rural tourism

Results

- The 100 Villages Program created and supported economic and tourist structures that are suitable for a model of *in-situ* conservation of indigenous breeds through sustainable economic use. This combination is particularly evident in Kallmeti village, Theth and Valbona villages.
- The breed conservation programs in the Kallmet and Lekbibaj-Valbona areas provide concrete examples of in-situ conservation of breeds through sustainable use by promoting and supporting the use of traditional products.
- Development of the "Authentic Traditional Products" Menu offered by 100 Tourist Villages and development of culinary events



General Assembly
Hamburg Germany
5 September 2026

The +100 Tourist Villages program showed the path to be followed for the sustainable economic development of rural areas, which also enables the effective implementation of programs for the *in-situ* conservation of FAnGR:

Autochthonous breed → farm/in-situ → authentic product → processing → local menu/food → agrotourism → promotion → tourist → income → stimulus for the conservation of the breed.



General Assembly
Hamburg Germany
5 September 2026

From “100 Villages” to “Mountain Package”: A policy continuum

The “100 Villages” program created a practical basis for the integrated development of rural areas.

Its experience shows that infrastructure, agritourism, local products, private investment and promotion should function as a single chain.

This experience can serve as a guiding basis for the design and implementation of the “Mountain Package”.

100 Villages = policy laboratory
Mountain Package = opportunity to systematize and expand the model.



General Assembly
Hamburg Germany
5 September 2026

Key lesson from the +100 tourist villages program:

From breed conservation to “Conservation through use”

Traditional model
Native/local breed → conservation → subsidy

Proposed model within the framework of the Mountain Package

Indigenous breed

↓

Farm / in-situ conservation

↓

Product with territorial identity

↓

Processing and branding

↓

Agrotourism / gastronomy

↓

Tourist / consumer

↓

Income for the farmer

↓

Incentive to preserve the breed



General Assembly
Hamburg Germany
5 September 2026

“Mountain Package”
Policies for the implementation of the model

1. **Nucleus farms** Support for farmers who maintain indigenous breeds in-situ.
2. **Processing** Mini-dairies, meat processing, traditional products and equipment for increasing the value of the product.
3. **Agrotourism** Linking farms with indigenous breeds with guesthouses, restaurants and tourist itineraries.
4. **Territorial brand** “Product from indigenous breed” + territorial identity + traceability.
5. **Market Promotion**, tastings, gastronomic events and use of local products in agritourism.

Financing principle:
Not just a subsidy for the animal → but → support for the entire economic chain

13



General Assembly
Hamburg Germany
5 September 2026



Thank You !

14