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Title	Mountain pasture management by goat farmers: case of Kabylia region (Algeria)
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The aim of this paper is to characterize the strategies of management of the pastures by the goats breeders. 16 goats farms, located in mountainous area of Tizi-Ouzou, were followed during one year. The results show that the goat breeding, whose size of the livestock varies from 5 to 136 heads, is regarded as principal activity. The feed is based primarily on the exploitation of the pastures. The time spent by the animals on the pastures is 6 hour/day. The pastures constitute natural meadows and forests. The animals receive on average 135 g/head/day of complement. This last is constituted of concentrate intended initially for the cows, the sound, corn and barley.



FAO-CIHEAM Network on
Sheep and Goats



Food and Agriculture
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Joint Seminar of the Sub-Network on Production Systems & Sub-Network on Nutrition

Seminario conjunto Subred de sistemas de producción y Subred de nutrición

Innovation for Sustainability in Sheep and Goats

Innovación para la Sostenibilidad en ovinos y caprinos

Vitoria-Gasteiz, Spain, 3-5 October 2017

Vitoria-Gasteiz, España, 3-5 de Octubre de 2017



BOOK OF ABSTRACTS – LIBRO DE RESÚMENES



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Background and objectives of the Seminar

Sheep and goat sectors are facing an uncertain future due to a general lack of competitiveness stemming from poor technical and economic results, but also due to severe social, market and environmental challenges.

In order to overcome this situation, innovative solutions are needed at different levels (animal, flock, livestock population, farm, territory, value chain, etc.) to make the sheep and goat industries more sustainable and profitable when faced with emerging environmental, climatic, socio-economic, demographic, policy and market challenges. These innovations may improve production techniques, labour organisation, equipment and infrastructures, as well as collective programmes for animal yield recording, breeding schemes or health campaigns. Innovations can also strengthen social forms of organisation such as product quality schemes or the management of communal areas. Innovative feeding strategies coupled with precision flock management practices that target the reduction of production gaps and adjust to the environmental challenges, hold promise to tackle the above mentioned objectives.

The Animal Production Department of Neiker-Tecnalia (the Basque Institute for Agricultural Research and Development), the Mediterranean Agronomic Institute of Zaragoza - CIHEAM, and the H2020 Project iSAGE - *Innovation for Sustainable Sheep and Goat Production in Europe* - organise this joint Seminar of the FAO-CIHEAM Sub-Networks on Production Systems and Nutrition on Sheep and Goats in Vitoria-Gasteiz, Spain, from the 3rd to 5th of October 2017.

The objective of the Seminar is to encourage the participation and interaction among scientists and technicians working in the sheep and goat sectors with a view to introduce the conceptual framework of innovation development and adoption, as well as to analyse the innovations needed to adapt sheep and goat production systems and industry to the new demands of society. Success stories of innovations already adopted in the sheep and goat industry are presented, and the topic of precision farming in the sheep and goat sector will be introduced and discussed, not only as a vector of innovation but also as an opportunity to enhance the sustainability of the sector.

The Seminar will last two days, providing a forum for scientific and technical exchange and a one-day field trip. The scientific and technical exchanges are structured in four sessions, with keynote guest speakers and free contributions presented orally or as posters. The full articles of the keynote and free presentations will be edited and published in an special number of the *Options Méditerranéennes*, the journal of CIHEAM.

Organisers



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