

**UMR AGIR (INRA, INP-Toulouse, ENFA, CNRS), Agroecologies, Innovations & Ruralities:** Deals with specific issues about agriculture and sustainable development: focusing on situations linking the cultivated grassland and the agroecosystems.

**UMR EPIA (INRA, VetAGro Sup):** Joint Research Unit Epidemiology of animal and zoonotic diseases: The unit studies the epidemiology of infectious diseases in animal populations (including some transmissible to humans), in relation to ecological and evolutionary processes, and in the context of global change.

**UMR H (INRA, VetAgro Sup):** Joint Research Unit Herbivores contributes to the design of sustainable farming systems for herbivores that seek to reconcile production efficiency, product quality and socio-economic viability with environmental protection and valuation, and animal welfare

**UMR Innovation (Cirad, INRA, Montpellier SupAgro):** Joint Research Unit Innovation and Development in Agriculture and Food. Its mission is to inform private and public actors' decision-making by producing knowledge on the processes of innovation and development in agricultural and food systems.

**UMR MoSar (INRA, AgroParisTech, Université Paris-Saclay):** Joint Research Unit Systemic modeling applied to ruminants: Objective to understand, characterize and predict the relationship between the farm animal and its food environment in order to develop tools to increase the efficiency of the use of food resources by optimizing performance, adaptability and animal welfare.

**UMR SAS (INRA, Agrocampus Ouest):** joint Research Unit Soil, Agro, Hydro-systems and spatialization: Studies the interactions between agriculture and the environment using an integrative and spatialized approach of rural areas.

**UMR SELMET (INRA, CIRAD, Montpellier SupAgro):** Joint Research Unit Tropical and Mediterranean Animal Production Systems: Works on animal production agro-ecosystems in warm climates, in normal and harsh conditions.

**UMR Territoires (AgroParisTech, Université Clermont Auvergne, IRSTEA, INRA, VetAgro Sup):** Joint Research Unit "Regions" works on a multiplicity of configurations (local and regional) and trajectories (individual and collective) leading to a coexistence of "models" (understood as both archetypes and projects) and strategies within the regions. It questions the actors' ability to act, but also the design and conduct of public action.

**UR EP (INRA):** Grassland Ecosystem Research Unit: Ecology, operation and service of permanent pasture in a context of global change. The activities are organized around two thematic components: "carbon cycles - nitrogen and Greenhouse" and Biodiversity, functioning and dynamics of grassland ecosystems.

**Wageningen Livestock Research, Livestock and Environment:** Wageningen Livestock Research has broad expertise about the effects of livestock on the living environment. The research and knowledge transfer focus on the environmental effects of livestock farming on soil and atmosphere.

Wageningen University and Research, Department of animals sciences, animal production systems group. Research of the Animal Production Systems Group focuses on unravelling the complexity of concerns in livestock systems and exploring trade-offs and synergies of innovations regarding environmental impact, animal welfare, and economic viability, to design a more sustainable future.