





Instituto Nacional de
Investigação Agrária e
Veterinária, I.P.



ESTAÇÃO ZOOTÉCNICA NACIONAL (INIAV Santarém)
Portuguese Research Station for Animal Production

Olga Conde Moreira
Meeting
EIP-AGRI Focus Group on Protecting Agricultural Soils from contamination
Fonte Boa, 18 November 2019

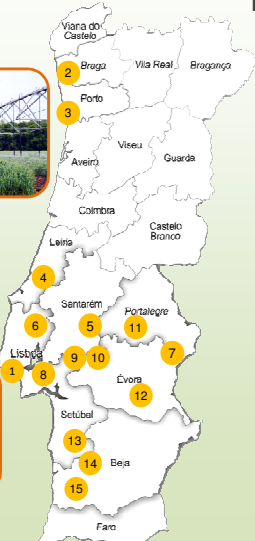
Research Stations and Experimental Farms

**National Research Station for
Animal Production
(INIAV Santarém)**

4 Strategic Units of Research
and Services

- Animal Production and Health
- Biotechnology and Genetic Resources
- Technology and Food Safety
- Agricultural and Forestry Systems and Plant Health



Estação Zootécnica Nacional (INIAV Santarém)

National Research Station for Animal Production (EZN)






RESEARCH INNOVATION TEACHING

3

Research Station on Animal Production (INIAV Santarém)






Main Guideline

Valorization of animal production systems, environmentally sustainable, by increasing the biological efficiency, resilience and product nutritional value and quality.

Research Topics

- Nutrition and feeding
- Animal resilience
- Quality and nutritional value of food products of animal origin
- Environmental sustainability
- Physiopathology and determinant factors of reproduction
- Reproductive technologies
- Quantitative Genetics, Conservation and Breeding
- Molecular Genetics

Estação Zootécnica Nacional (INIAV Santarém)

➤ Pilot Units of Animal Experimentation

- Units of Animal Production
 - ✓ Meat cattle
 - ✓ Dairy Cows
 - ✓ Sheep and Goats
- Conservation Units
 - ✓ Malhado de Alcobaça (Pigs)
 - ✓ 4 Portuguese breeds (Poultry)









Diagram illustrating the experimental units and their flow:

- Manure Management
- Grasses and Forage Production
- Surgery and Clinics
- Experimental Slaughterhouse
- Compound Feed Unit


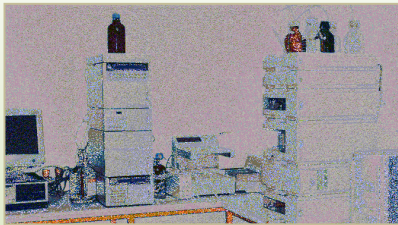
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Estação Zootécnica Nacional (INIAV Santarém)

➤ Laboratories


- ✓ Feed and Food Quality
- ✓ Digestion and Metabolism
- ✓ Feed/Food Technology
- ✓ Molecular Genetics
- ✓ Semen Technology
- ✓ Embryology
- ✓ Endocrinology
- ✓ Functional genomics

➤ Portuguese Animal Germplasm Bank

➤ Center for the Storage of Cattle Semen

➤ Center for the Sampling of Small Ruminant Semen





6



Project Dynamics


20 Research Projects

- 1 FCT
- 11 ALT 2020
- 1 COMPETE
- 1 Copromotion
- 5 PDR 2020
- 1 COST (IPEMA)





PROGRAMA DE DESENVOLVIMENTO RURAL 2014-2020







Fundação para a Ciência e a Tecnologia





EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY




UNIÃO EUROPEIA
Fundos Europeus Estruturais e de Investimento

2 Projects

- 1 ALT2020 Infrastructures
- CEEAI
- 1 Collaborative Laboratory
- InovFeed





Project Dynamics




GOEFLUENTES: Livestock effluents: Farm scale effluent management towards agronomic and energetic valorization

<https://projects.inia.pt/goefluentes/>




SUBPROMAIS: Use of agro industrial byproducts in animal feed

www.subpromais.pt




LEGFORBOV: Alternative feeds for beef production

<https://projects.inia.pt/LEGforBOV/>




CHIDLAMB: Production of small portions of frozen lamb meat from undervalued carcass pieces

www.chidlamb.com



GOBOV+: Improvement of beef cattle sector production

<http://www.bovmais.pt/>



PROGRAMA DE DESENVOLVIMENTO RURAL 2014-2020

