



Erasmus+ BIP

New Challenges in Livestock Production under Mediterranean climate condition

May/ June 2026

Precision Livestock Farming (PLF) and the Sustainability of Animal Production



BIP Partnership

PARTNERSHIP	COUNTRY	INSTITUTION	PARTNERSHIP ROLE
HEROES partner	Portugal	Polytechnic University of Beja	Coordinator and Receiving
Erasmus partner	The Netherlands	HAS green academy	Sending HEI
Erasmus partner	The Netherlands	Aeres University of Applied Sciences	Sending HEI
Erasmus partner	Spain	Universidad de Córdoba	Sending HEI
HEROES partner		HEROES partner to identify	Sending HEI
HEROES partner		HEROES partner to identify	Sending HEI
HEROES partner		HEROES partner to identify	Sending HEI

Why this BIP?

Currently, livestock producers are intensifying their farms as much as they can, which leads to a growing demand for solutions increasingly supported by IoT, mechatronic and remote sensing resources.

Therefore, it is essential that the livestock sector adopts a forward-looking approach, already using the available technological solutions in the present with a view to:



optimize the production of meat, milk and eggs in all production species;



improve the efficiency of maintenance, feeding and reproduction;



uphold and improve animal welfare standards, whilst increasing production whilst simultaneously protecting the environment.

These are pressing issues that require innovative solutions

Food production and Take care of our Future

During this program, our goal is to explore these challenges and work collaboratively to find solutions for the future, in particular under Mediterranean climate condition affected by climate change

How is it going to work?



On-line meeting:

(May/June26 schedule still to define)

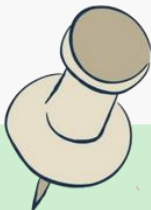
- Lecture 1: Sustainability of animal production under Mediterranean climate affected by climate change
- Lecture 2: Precision livestock farming (IoT, mechatronic and remote sensors)



Face-to-face week:

(May/June26 schedule still to define)

- Visits to two livestock farms
- Case studies
- Group work and interactive debate sessions



Number of ECTS: 3
Language: English/Spanish
Local: Beja (Portugal)



IPBeja

INSTITUTO POLITÉCNICO
DE BEJA



(1) Manuel Machado Godinho's
farm
Serpa/Portugal



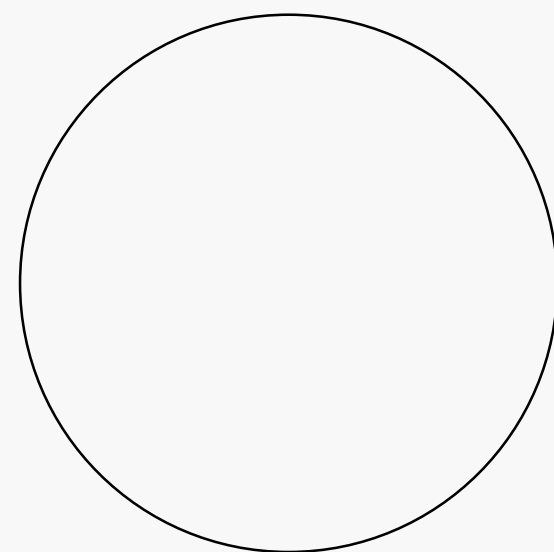
(2) Monte do
Pasto
Cuba/Portugal

Field visits within the context of the upcoming BIP aim to provide an overview of the animal production chain, starting with an extensive beef cow farm (1) and ending with intensive fattening and finishing operations farm (2).

Programme of Activities (temporary version)

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	Opening session and introduction to the programme.	Visit Manuel Machado Godinho's farm	Visit Monte do pasto	Visit EDIA	Presentation of Collaborative Projects
	Cultural and social activities: City tour			Collaborative Projects	
Lunch time					
Afternoon	Lecture 3 - About Ethics and livestock production.	Collaborative Projects	Collaborative Projects	Collaborative Projects	Closing session and certificate presentation
	Interactive workshops to get to know each other				--
Evening	Cultural and social activities: Wine tasting				
	Dinner	Dinner	Dinner	Cultural and social activities: farewell dinner	--

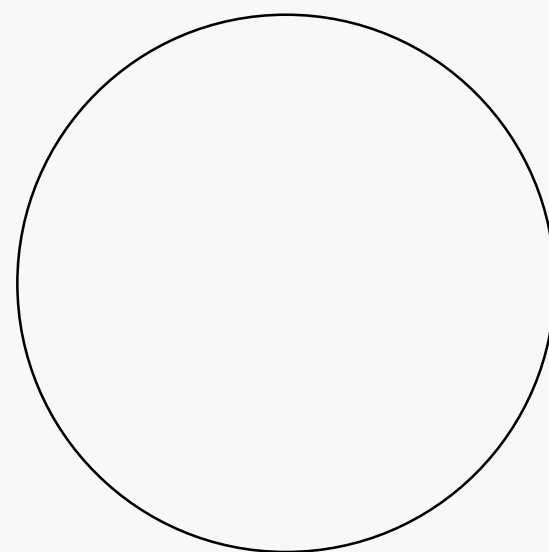
Our Team



Luís Santa Maria

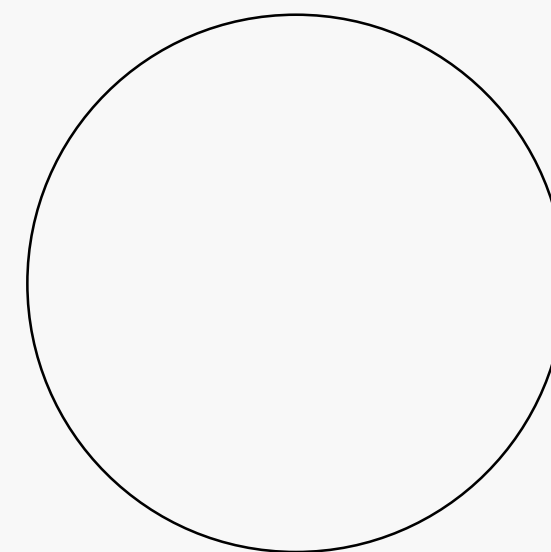
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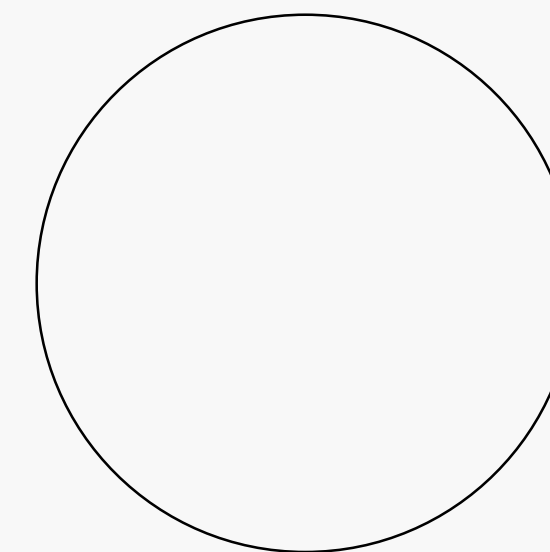
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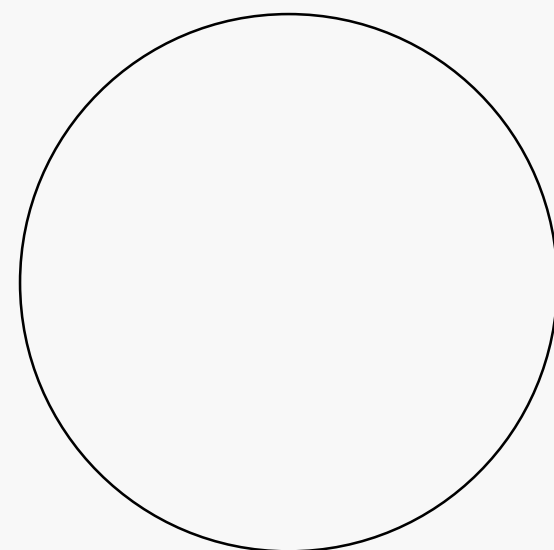
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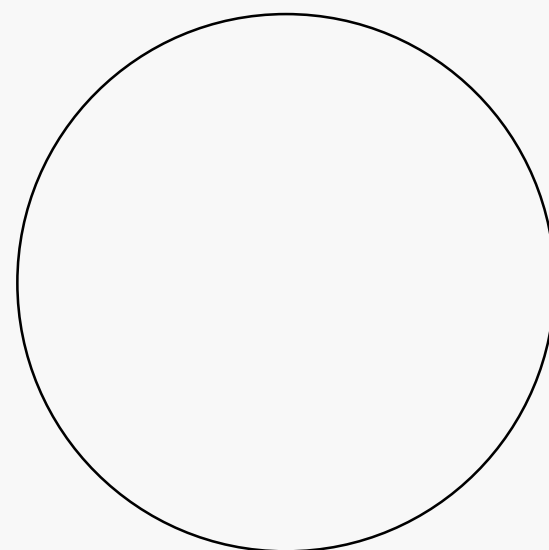
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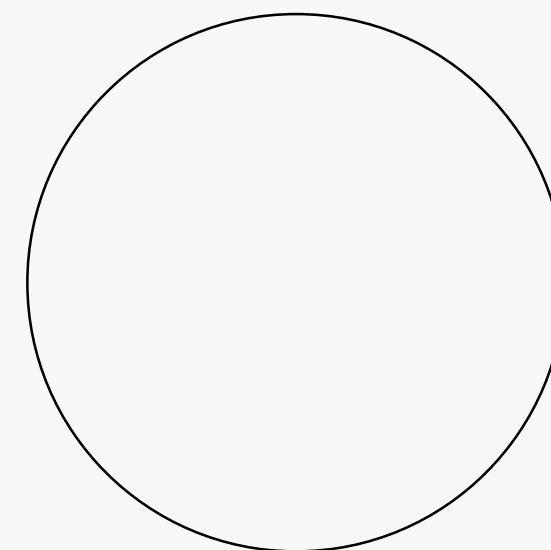
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Luís Luz

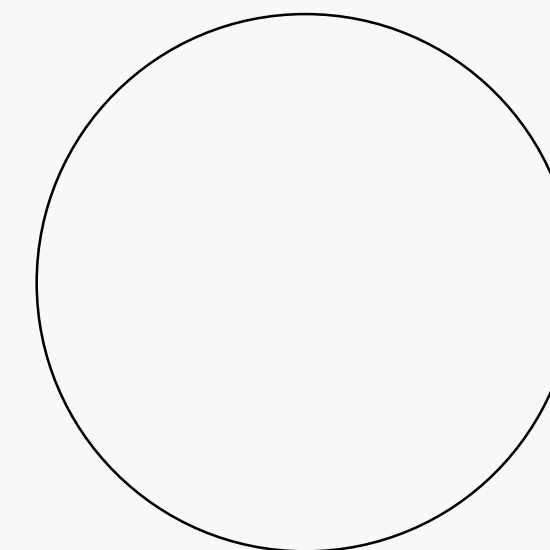
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We would like to invite you to this programme so that, together, we can contribute for a better Europe and a better World.



Thank you
Obrigado

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