

TAIEX Study Visit on sustainable Buffalo production affected by climatic changes

Organised in cooperation with

Council for Agricultural Research and Economics (CREA)

18 - 22 September 2023

Venue:

*CREA Research Centre for Animal Production and Aquaculture
via Salaria,31
Monterotondo (Rome) Italy*

Beneficiary:

Egypt

TAIEX Case ID AGR IND/STUD 83439

TAIEX

MOVING FORWARD TOGETHER WITH EU EXPERTISE

Aim of the Study Visit:

The aim of this study visit is to provide best practice advice to improve sustainable buffalo production in Egypt. Buffalo production in Egypt is carried out under severe resource constraints in addition to the rapid changes in climatic conditions and disease prevalence.

The study visit to Italy from the Egyptian partners will focus on the application of the EU criteria for sustainable Buffalo production under climatic change conditions. It will help to fully understand the possibility of application of different mitigation strategies in the livestock production chain.

To have access to Italian regulations and management of buffalo farms and cheese factories, as well as to the multifunctionality management strategy, that could help the implementation of sustainable buffalo production in Egypt following the EU framework

Participants / Speakers:

- **Mr Gamal Hussein Mostafa Zaza**
Emeritus Professor
Ministry of Agriculture and Land Reclamation
Animal Production Research Institute, Egypt
 - **Ms Laila Naser Eid**
Professor of Buffalo breeding
Ministry of Agriculture and Land Reclamation
Animal Production Research Institute, Egypt
 - **Mr. Amin Mohamed Amin**
Researcher Buffalo research department.
Ministry of Agriculture and Land Reclamation
Animal Production Research Institute, Egypt
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Day 1: Monday 18 September 2023

CREA Research Centre for Animal Production and Aquaculture

Monterotondo (Roma)

Chair: Ms Antonella Chiariotti

Local time	
9:00 – 9:30	<i>Registration, connecting participants, technical verifications</i>
9:30 – 10:30	<p>Welcome and introduction:</p> <ul style="list-style-type: none"> • Ms Graziella Romito, Head of PIUE II – International Relations, Ministry of Agriculture, Food, and Forestry Policies (MiPAAF) • Ms Paola Fiore, representative of the Institutional and International Relations Office, CREA • Mr Salvatore Claps, Head of the Research Centre for Animal Production and Aquaculture, CREA
10:30 – 10:45	<i>Break</i>
10:45 – 11:15	<p>Title/topic:</p> <ul style="list-style-type: none"> – Presentation of the Centre for Animal Production and Aquaculture and overview of the ongoing project and activities – Speakers: Ms. Antonella Chiariotti, CREA Ms. Vittoria Lucia Barile, CREA
11:15 – 12:15	<p>Title/topic:</p> <ul style="list-style-type: none"> – Current situation of Buffalo in Egypt – Speaker: Mr Gamal Hussein Mostafa Zaza
12:15-13.15	Visit the laboratories and facilities of the CREA
13.30-14.30	<i>Lunch break</i>
	<i>Please be reminded to sign the attendance list</i>
14:30 – 16.00	Visit the CREA experimental farm
16.00	AOB and wrap up of day 1

Day 2: Tuesday 19 September 2023

CREA Research Centre for Animal Production and Aquaculture

Monterotondo (Rome)

Chair: Ms Vittoria Lucia Barile

<i>Local time</i> 9:00 – 9:30	<i>Connecting participants, technical verifications</i> <i>Please be reminded to sign the attendance list</i>
9:30 – 10:15	Title/topic: Buffalo: The Italian experience Speaker: Ms. V.L. Barile, CREA
10:15 – 11:00	Title/topic: Buffalo is a tool for sustainability Speaker: Dr A. Chiariotti, CREA
11:00 -11:15	<i>Break</i>
11:15 – 12:00	Title/topic: Animal welfare and response to heat stress Speaker: Ms. G. De Matteis, CREA
12:00- 13:00	Title/topic: Multifunctionality of Buffalo farms Speaker: Ms. Angela Galasso, Agricultural Rural Broker (ARB)
13.00 – 14:00	<i>Lunch break</i>
	<i>Please be reminded to sign the attendance list</i>
14:00-15:00	Title/topic: The activity of the International Buffalo Federation (IBF) in supporting the development of buffalo farming in the world Speaker: Mr Antonio Borghese, General Secretary, IBF
15:00 – 16.30	Discussion on future cooperation on the topic of the study visit focusing on the EU regulation and Italian expertise. Speakers: Mr./Ms. Researchers of CREA.
17.00	AOB and wrap End of day 2

Day 3: Wednesday 20 September 2023

Commercial Buffalo Farm in Grosseto

Chair: Mr Antonio Borghese

<i>Local time</i> 9:00 – 10:30	Transfer to Grosseto
10:30-11:00	Arrival and Welcome
11:00-13:00	Visit <i>La Maremmana</i> farm, cheese factory and biogas plant Discussion on environmentally and economically sustainable farm management with the owner
12:30 – 14:00	Lunch
14:15-16:00	Return trip and wrap up of day 3

Day 4: Thursday 21 September 2023

Commercial Buffalo Farm in Sermoneta (Latina)

Chair: Ms Angela Galasso

<i>Local time</i> 9:00 – 11:00	Transfer to Azienda Agricola Padovano Sorrentino Arrival and Welcome
11:00-13:00	Visit farm Discussion on environmentally and economically sustainable farm management with the owner
12:30 – 14:00	<i>Lunch break</i>
	<i>Please be reminded to sign the attendance list</i>
14:00 – 14:45	Visit the Biogas plant and cheese factory
15:00 – 17:00	Return trip to Monterotondo
17:00 – 17:15	AOB and wrap up of day 4

Day 5: Friday 22 September 2023

CREA Research Centre for Animal Production and Aquaculture

Monterotondo (Rome)

Chair: Vittoria Lucia Barile - Antonella Chiariotti

<i>Local time</i> 9:00 – 9:30	<i>Connecting participants, technical verifications</i> <i>Please be reminded to sign the attendance list</i>
9:30 – 10:00	Title/topic: Precision farming at CREA Speaker: Mr David Meo Zilio, CREA
10:00 – 11:30	Title/topic: Field demonstration of methane measurement and a visit to the biogas plant
11:30 – 11:45	<i>Break</i>
11:45 – 12:15	Title/topic: LIFE project Forage4Climate - experience of resilient, water- and energy-efficient forage and feed crops for animal feeding Speaker: Ms Maria Teresa Pacchioli, CRPA Q&A
12:15-12:45	Use of agricultural waste to produce biogas and green energy Speaker: Ms A. Chiariotti, CREA Q&A
12:45 – 14.00	<i>Lunch</i>
	<i>Please be reminded to sign the attendance list</i>
14:00-15.00	Title/topic: The needs of the Egyptian Buffalo sector in the context of global climate change. Speaker: Ms Laila Nasser Eid Q&A
15.00-16.30	Title/topic: Discussion on Buffalo Environmental sustainability and general discussion of the Study Visit experience AOB and wrap up of day 5 / End of the Workshop/Expert Mission/Study Visit

Annual Activity Report

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