

National Workshop Nr. 4.



Sm@ll Ruminant Technologies

Agris

Agencia pro sa cherná in agricultura
Agenzia regionale per la ricerca in agricultura
REGIONE AUTONOMA DE SARDEGNA
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NIBIO

UNIVERSITY OF DEBRECEN

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25th of May
Physical meetings

Sm@RT

OBJECTIVES

To disseminate and share knowledge about the use of technologies in a peer-to-peer setting. The target of participants was mostly composed by farmers, advisers, consultants, technicians.

ORGANISATION AND ATTENDEES

The Domo Day has been held face to face in the Digi farm of University of Debrecen, Kismacs Experimental Farm. The demonstration event took about 2 hours. It was conducted on the farm equipped with digital tools (EID stick reader, Digital scale). The farmers had a demo of the tools and were allowed to ask questions. Our plan was invite the next generation farmers. Most of our participants (9) were second/third/fourth generation in their farm.

HUNGARY: MEAT SHEEP

Date and place of the NWS 4:

Thursday 25th May 2023, 10:00 am to 4 pm, face to face meeting at Kismacs Experimental Station of Animal Husbandry, and the ADOPT session and the Project and New Zealand Presentation were in the Agrár Restaurant, in the University of Debrecen's Böszörményi Campus.

Present:

Number of participants:

Dr. Oláh János (Farmer, researcher, DE-AKIT DTTI), Klein Renáta (Researcher, DE-AKIT DTTI), Barsi Brigitta (managing expert, Farmer), Hubai Krisztina Boglárka (Farmer), Gyulai Szandra (Farmer), Laskai Attila (Farmer), Mező Antal (Farmer, advisor), Balogh Tibor (Advisor), Csapó Zsolt (Farmer), Sass Imre (Farmer), Suhaj Richárd (Farmer), Nagy Zsolt (Farmer), Bácsi Eszter Ilona (Farmer), Zichar Florence (Advisor), Czina Ferenc (Farmer) (Annex - Signing Sheet .pdf file)





Organisation:

Renáta Klein welcomed all participants and invited everyone to have a picture close to the banner of the Sm@rt project. The participants gave a short introduction about themselves. Brigitta Barsi gave everybody the questionnaire before the demonstration. During that Dr. János Oláh talked about the project's aims, evaluation and the work that we did.

The program of the Workshop was presented by Renáta. The program included a demonstration of some technologies in the digi farm. The group was invited to see the technologies, ask questions, and discuss them. Firstly Antal Mező (regional representative, Hungarian Sheep and Goats Breeding Association - HSGBA) talked about the dates and the importance of the compulsory scaling. This is crucial information for the HSGBA.

Main topics:

- How to use the digital scale correctly
- How to herd the sheep for scaling safety
- Which is a good condition for the scaling

The second topic was the individual identification of the sheep. Every sheep in the University's flock has an EID tag and the compulsory tag as well. János Oláh talked about the necessity of tagging and gave information about

opportunities of the individual identification options. The farmers shared their choices with each other, and why they used their methods. Antal Mező showed the usage of the EID Stick reader.

After the training session Brigitta Barsi gave the second questionnaire to the participants (Annex - Results is .xlsx file)

After the training session the interested farmers (who had more time) were invited to lunch in the Agrár restaurant, which is located in the University's Campus.

During lunch the participants discussed main advantages and disadvantages about these technologies.

After lunch we had more lectures about the experience of New Zealand and the ADOPT Tool.

Renáta Klein traveled to New Zealand with the Sm@RT Group and made a presentation about sheep breeding in New Zealand and the tech which was seen.

Renáta Klein was the leader of the ADOPT session. The Tech which was tested: EID Stick Reader. The answers were collected with an A-ha Slides presentation. Every participant used their own smartphone to vote for every question. After each question the participants discussed and the group chose one answer in the ADOPT tool. (Annex - Report in .pdf file)

Solutions presented / tested and feedback:

Each table is the synthesis of how many farmers / stakeholders gave each answer to each question before and after the training session.

Pre – Training: Digital Scale			
1) Do you have this tool ?	2) Do you think it is worth investing in it?	3) Would you like to implement it on your farm?	4) Level of practicality (1=low; 4=high)
No	No	Yes	2
No	Yes	Yes	4
Yes	Yes	Yes	4
Yes	Yes	Yes	4
No	Yes	Yes	4
Yes	Yes	Yes	4
Yes	Yes	Yes	4
Yes	Yes	Yes	4
No	Yes	Yes	3
Yes	Yes	Yes	4
No	Yes	Yes	4
Yes	Yes	Yes	3
Yes	Yes	Yes	3
Yes	Yes	Yes	3
Yes	Yes	Yes	3

Pre – Training: Chip reader				
1) Do you have this tool ?	2) Do you think it is worth investing in it?	3) Would you like to implement it on your farm?	4) Level of practicality (1=low; 4=high)	
No	Yes	Yes		4
No	Yes	Yes		4
Yes	Yes	Yes		4
No	Yes	Yes		4
No	Yes	Yes		4
No	Yes	Yes		4
Yes	Yes	Yes		4
Yes	Yes	Yes		4
No	No	No		2
No	Yes	Yes		4
No	Yes	Yes		4
Yes	Yes	Yes		3
No	Yes	Yes		3
Yes	Yes	Yes		2
No	No	Yes		3

Post – Training: Digital scale			
2) Do you think it is worth investing in it?	3) Would you like to implement it on your farm?	4) Level of practicality (1=low; 4=high)	
Yes	Yes		4
Yes	Yes		4
Yes	Yes		4
Yes	Yes		4
Yes	Yes		4
Yes	Yes		4
Yes	Yes		4
Yes	Yes		4
Yes	Yes		3
Yes	Yes		4
Yes	Yes		4
Yes	Yes		3
Yes	Yes		3
Yes	Yes		4
Yes	Yes		4

Post – Training: Chip reader

2) Do you think it is worth investing in it? 3) Would you like to implement it on your farm? 4) Level of practicality (1=low; 4=high)

Yes	Yes	4
Yes	Yes	4
Yes	Yes	4
Yes	Yes	4
Yes	Yes	4
Yes	Yes	4
Yes	Yes	4
Yes	Yes	4
Yes	Yes	3
Yes	Yes	4
Yes	Yes	4
Yes	Yes	3
Yes	Yes	3
Yes	Yes	4
Yes	Yes	4