



**6. WHFF Inclusivity of more Production Data
Task force
presented by Martino Cassandro
09th September 2024**



At the WHFF 5408 of the **13th March 2024**, via Zoom call, the point on **Inclusivity of More Production Data Task Force** by Sartaj Sararia reported:

Our next steps involve collaboratively defining a roadmap for our task force.

This includes establishing specific goals, timelines, and action items that align with our shared objective of promoting inclusivity in the collection and utilization of production data.

I encourage each of you to share any **additional thoughts, suggestions, or specific areas** of focus that you believe should be addressed by the task force.

Your input is crucial to shaping the direction of our efforts.

I anticipate that our initial meeting will provide us with the opportunity to delve deeper into these discussions and set a clear path forward.

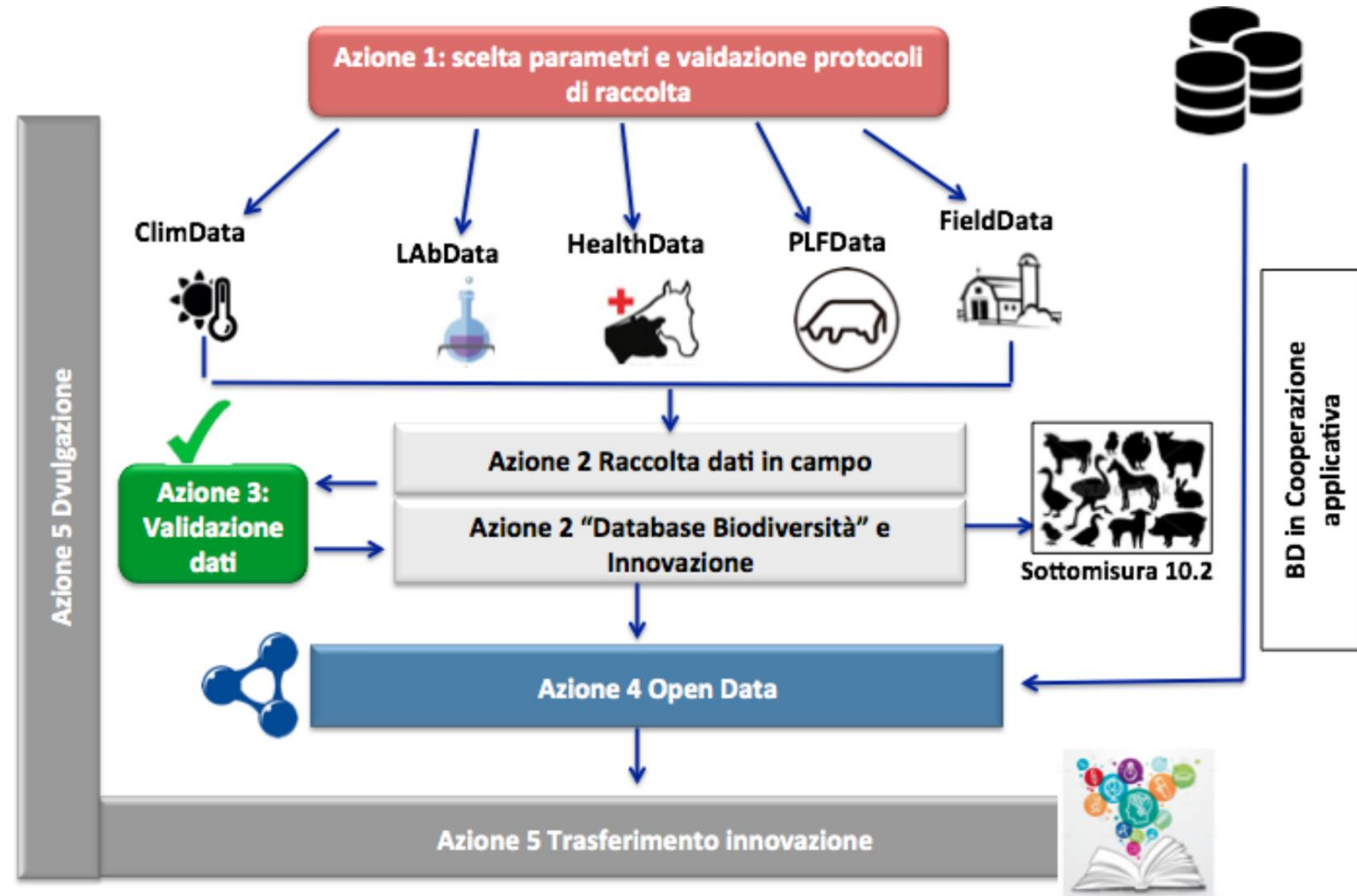
If there are any specific topics or questions you'd like to address during our upcoming sessions, please feel free to share them.





In Italy we are increasing the number and type of production traits, with the LEO project and several peculiar national projects:

LEO is a Livestock Environment Opendata for the livestock sector founded by the Decree of the Agricultural Ministry n. 0020929 of 10/05/2019,



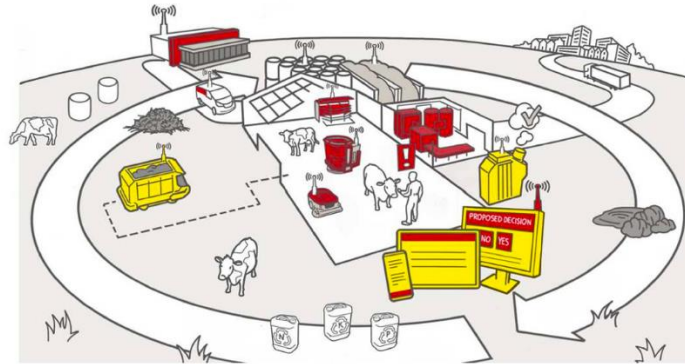


Availability of the new data ?



- Big OEMs can do most things inside of their systems

6. Oktober 2020 | Presse





Where are we now?

- All (-1) shareholders are connected to the iDDEN system
- 31 ICAR ADE messages implemented
- Agreements with three strategic partners and three OEMs
- Good interest from DDOs and service providers
 - Qualitas (CH) first DDO as customer
 - Senergy (ITA) DDO customer

Trade press release

GEA CREATES INTERFACE FOR EXCHANGE OF MILK AND ANIMAL DATA WITH IDDEN

20 Dec 2022

GEA and the Internatic have entered into part data exchange between international organizational processing.



PRESSEMITTEILUNG vom 05. September 2023

iDDEN und Lely bündeln ihre Kräfte beim Datenaustausch

International Dairy Data Exchange Network (iDDEN) und Lely bündeln ihre Kräfte, um den Datenaustausch zu rationalisieren. Dr. Reinhard Reents, Geschäftsführer von iDDEN, gab heute bekannt, dass die Unternehmen eine strategische Partnerschaft eingegangen sind.

„Lely steht seit langem an der Spitze der Innovationen in der Milchwirtschaft und hat erkannt, dass es ein ungenutztes Potenzial an Daten gibt“, sagt Reents. „Durch die Nutzung des Data Exchange Hub von iDDEN ermöglicht Lely seinen Kunden und Industriepartnern von einem schnelleren, einfacheren und kostengünstigeren Datenaustausch zu profitieren.“

iDDEN bietet Datenaustauschdienste an, die eine nahtlose Integration von Daten aus Melkständen, Sensoren und Software mit nationalen Tierzuchtzentren und deren



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DeLaval Group making data-exchange easier for farmers

1023 | News Press Release
 m, Sweden, 22 March 2023 - DeLaval Group is improving data handling for farmers by g with iDDEN (International Dairy Data Exchange).

ine of the world's leading manufacturers of milking equipment, and its affiliates UNIFORM-Agri, an ally specialized provider of herd management software, and Dairy Data Warehouse, the world's largest company, have signed a strategic partnership agreement with iDDEN.

all countries, farmers are required by law to report their farm data, and sometimes even in multiple That is complicated and time consuming, so through this collaboration we can offer a fast and safe it will simplify the exchange of data for our customers. They will be able to easily exchange data to and toLaval systems on their farms to local animal track-and-trace organisations and the local milk organisations,” says Lars Bergmann, EVP Digital Services at DeLaval.

he largest international dairy data partnership, bringing together farmer-owned organisations and stables across thirteen countries representing approximately 200,000 dairy herds, 20 million dairy 13 million milk recorded dairy cows.

industry is becoming increasingly digitalised, and most equipment is, or will be, connected. It is important to have a solid system that offers a harmonised data exchange based on the International s for Animal Recording (ICAR) animal data exchange standard, to the benefit of farmers around the ys: Dr Reinhard Reents, Managing Director of iDDEN GmbH.

al, it is important to make the data handling easy for the customer. “At DeLaval, we strongly believe in tion and standardisation, and by working together with iDDEN we can deliver that and avoid costly tion with many regional players who all use different techniques and sub-standards,” says Bergmann.

Implemented Messages:
 The iDDEN Hub uses ADE messages for communication with external partners. Following is a list of all implemented messages so far. The list will be growing over time whenever new requirements are identified and defined in ADE.

Number	Event	Comments
1	Milking	Individual milking events
2	Milking complex	Milking events supplemented by sensor data
3	Milking by quarter	Test coordinates, milk weights & time by quarter
4	Herd list	Animals in the herd
5	Feed Intake	Feed consumption on the farm
6	Feedstuffs	Feedstuffs available at the farm
7	Available Identities	Free animal identities / tags for use for new-born calves
8	Body Condition	Animal body condition score
9	Milk recording result	Milk analysis and 24-hour yield
10	Birth	I&R births
11	Stillbirth	I&R stillbirths
12	On movement	I&R entering stock
13	Off movement	I&R exiting stock
14	Death	I&R deaths
15	Insemination	Artificial insemination/ embryo transplant event
16	Natural mating	Natural mating event
17	Running with a bull	Cow running with a bull event
18	Keep open	Cow not to calve again
19	Dry off	Dry off event
20	Pregnancy check	Pregnancy diagnosis event
21	Abortion	Pre-term abortion event
22	Calving	Calving event, difficulties etc.
23	Device data	On-farm device information
24	Heat	Heat observation event
25	Weights	Weight of an animal
26	Diagnoses	Health - Diagnoses
27	Treatments	Health - Treatments
28	Treatment programs	Health - Treatment programs
29	Animal Sets	Management - Animal Sets (Groups of Animals)
30	Animal Set Join	Management - Animal joins Group
31	Animal Set Leave	Management - Animal leaves Group



Current owners/shareholders (DDO)



- Shareholders

- CRV
- DataGene
- Lactanet
- NDHIA
- NCDX ApS
- RDV
- vit

Designated Area Responsibilities

- The Netherlands & Belgium
- Australia
- Canada
- USA
- Denmark, Finland, Iceland, Norway, Sweden
- Austria, Germany
- Germany, Luxemburg

- iDDEN was created by the partners as a GmbH (limited liability company) under German law on May 6, 2020,
- Founding Managing Director → Reinhard Reents



WHFF's Task Force on Inclusivity of more Production Data **need to upload the info on new recording data across countries around the world and to:**

- Establish a contact with these projects
- Diffuse the possibility to attend for the members interested
- Manage and to increase the animal recording data



Thank you