4D4F

Data Driven Dairy Decisions for Farmers

This project has received funding from the European Union's Horizon 2020 research and innovation programme (ISIB-2015-1 programme) under grant agreement Nº 696367

Data Driven Dairy Decisions for Farmers

IRTA

Instituto de Investigación y Tecnología Agroalimentarias

Aida Xercavins Simó

(aida.xercavins@irta.cat)

Programa de Bienestar Animal

¿Qué es el proyecto 4D4F?

Es una **RED TEMÁTICA** para intercambiar conocimientos y mejorar la toma de decisiones basándose en la información generada por los sensores que se usan en las granjas

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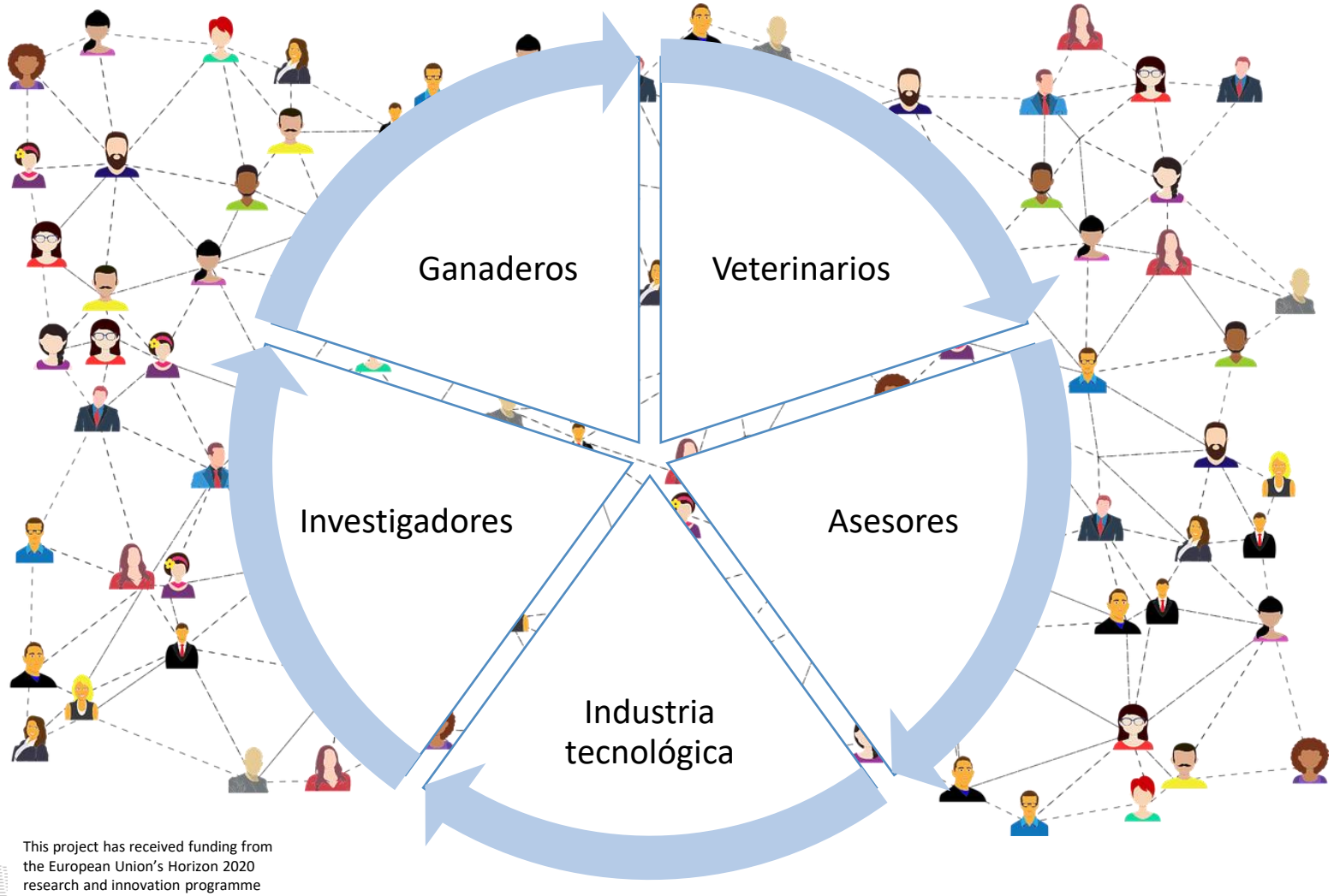
¿Qué es el proyecto 4D4F?



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Proyecto 4D4F

http://4d4f.eu/

2016 – 2019 fase activa

Actualmente fase pasiva

¿Cualquier tecnología?

No, sólo aquellas que nos dan

INFORMACIÓN

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¿Porqué usar nuevas tecnologías?

"Si no medimos, no controlamos.
Si no controlamos, no conocemos.
Si no conocemos, no podemos tomar decisiones:
es decir, no podemos gestionar."

European Commission

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¿Porqué usar nuevas tecnologías?

Hacer una gestión de los animales basada en el control continuo, automático y en tiempo real de la producción, la salud y el bienestar de los animales.

Limitaciones: inversión + adaptación al cambio

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Cómo se organiza 4D4F:

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Información disponible:

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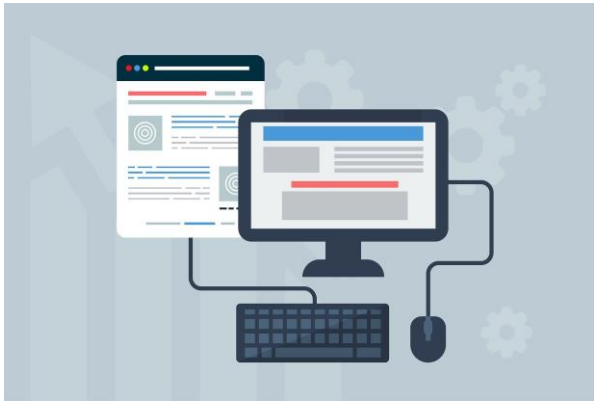
Para cada área de interés:



- Introducción
- Vídeos
- Infografías
- Guía de buenas prácticas
- Protocolos Normalizados de Trabajo (PNT)

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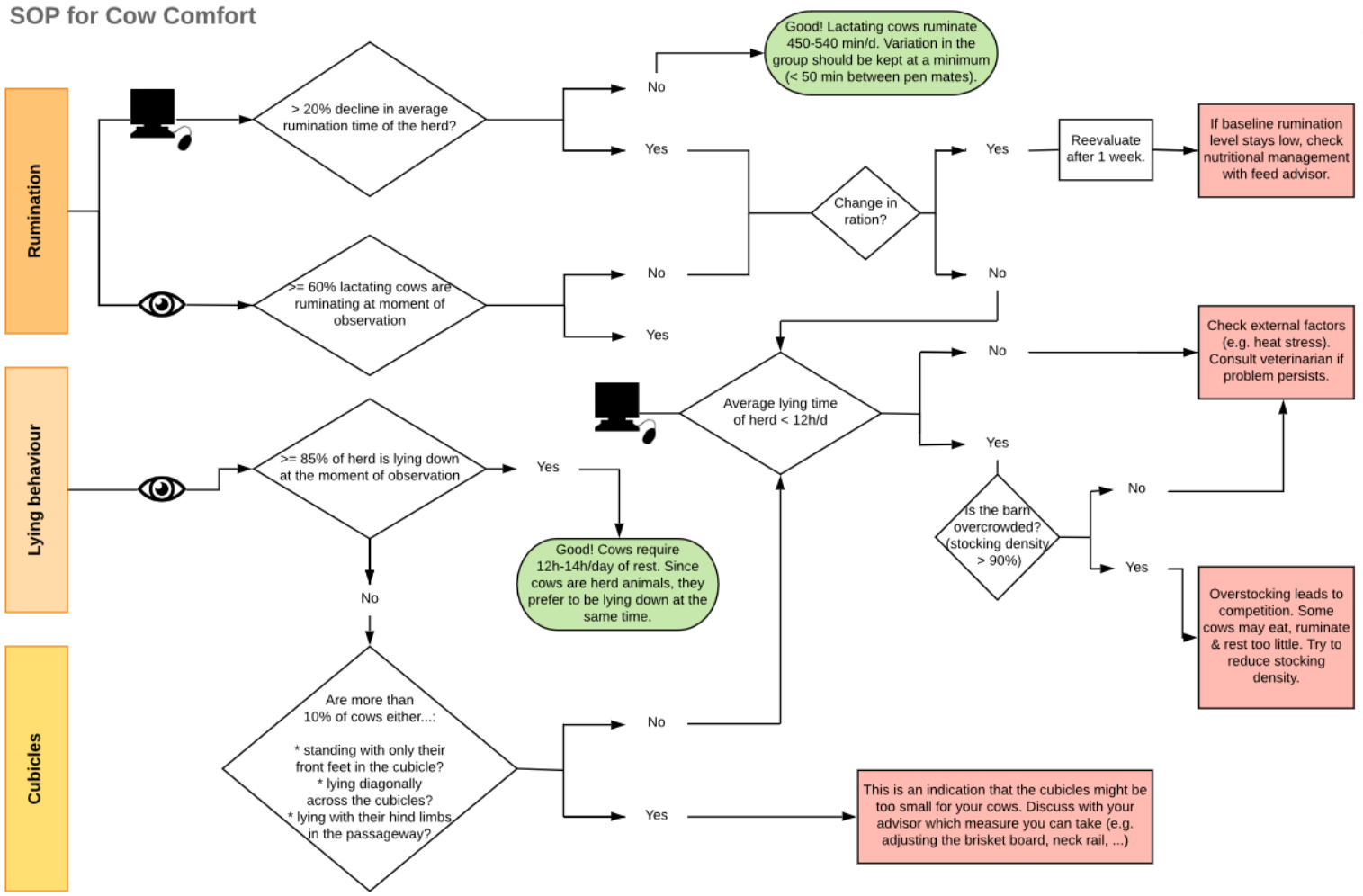
Ejemplo infografía:

Ejemplo PNT:



Disclaimer: While all reasonable efforts have been taken by the author to ensure the validity of this SOP, the author, 4D4F and the funding agency accept no liability for any loss or damage stemming from reliance upon this document. Use this document at your own risk, and please consult your veterinarian or advisor to ensure that the actions suit your farm. 28/02/2019.

Data Driven Dairy Decisions for Farmers

DATA DRIVEN DAIRY DECISIONS FOR FARMERS

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- CONSUMER FEEDBACK REPORT
- DAIRY SENSOR RESEARCH
- INDUSTRY INNOVATIONS REPORT
- REPORT FOR RESEARCHERS
- STANDARD OPERATING PROCEDURES

Data Driven Dairy D

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ased on data generated by sensors.

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FEATURED VIDEO

WHY JOIN 4D4F?

4D4F
Data Driven Dairy Decisions for Farmers

- Get up-to-date & independent information
- Free access to learning tools
- Receive the monthly newsletter
- Participate in workshops & (virtual) events
- Participate in online polls
- Connect with like-minded people

EVAM experimental farm in Spain

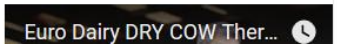
Authors: Marta Terré, Aranzazu Varvaró, Aida Xercavins (IRTA) - April 23, 2018

IRTA (Institute of Agrifood Research and Technology) has recently transformed a conventional dairy cow farm to an avant-garde experimental farm with innovative sensors and technologies. The project is called "EVAM" (by its initials in Catalan), and started in 2017.

Selective dry cow treatment: which cow to treat?

Author: Kristine Piccart (ILVO) - April 16, 2018 - Orginal sources: AHDB, Eurodairy

Blanket dry cow therapy, meaning all cows receive an infusion of antimicrobials in their 4 quarters at dry off, has been standard practice for years. However, with growing concerns for antimicrobial resistance, more farms are shifting towards selective dry cow therapy. This means you are only going to treat the animals that are suspected of having an infection. But how do you select the cows that should get antimicrobials? Having good records of clinical mastitis cases and somatic cell counts is the foundation, according to this AHDB video.



Grazing season has started in the Netherlands!

Author: Tamara Wind (VHL) - April 13, 2018

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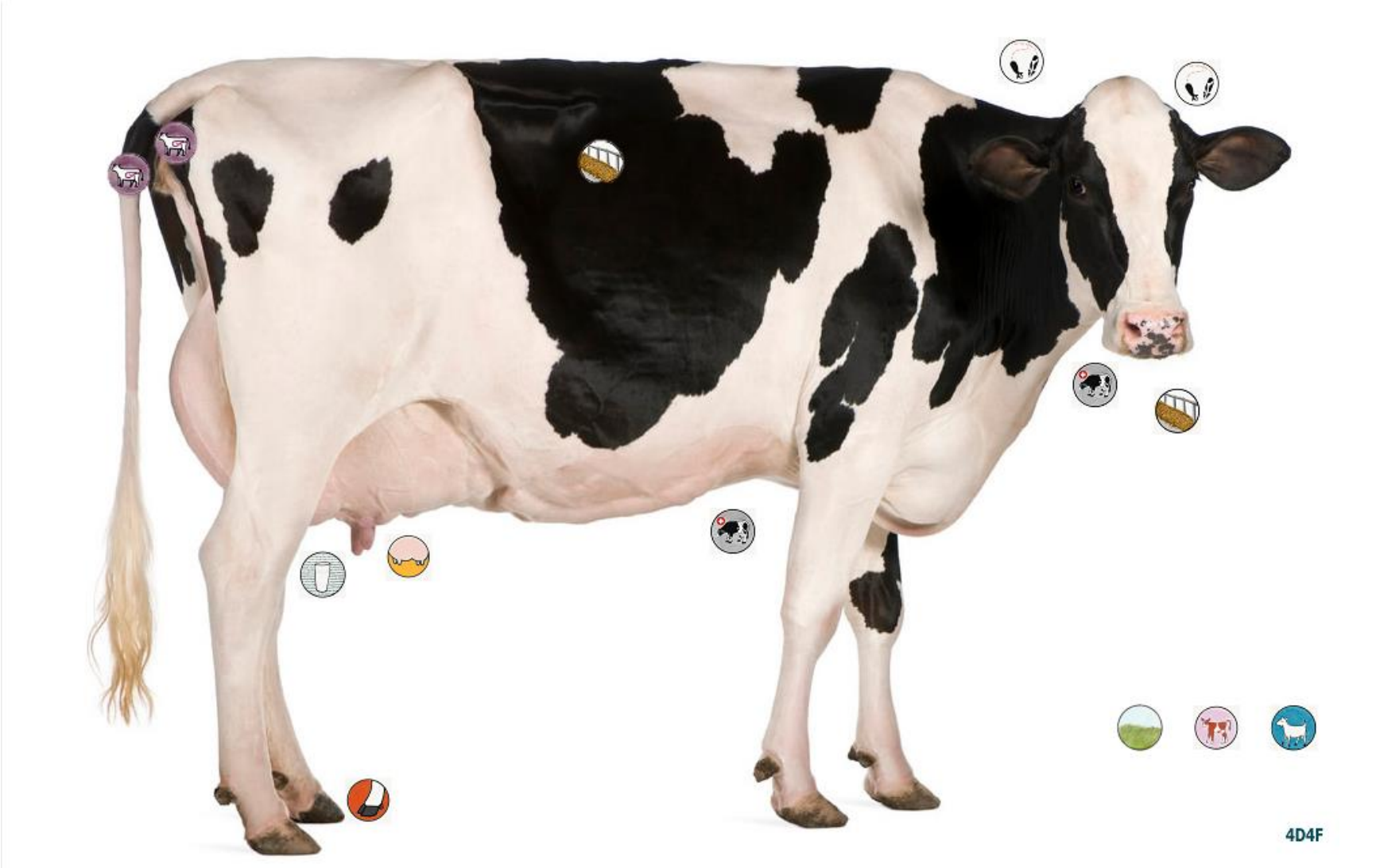
Warehouse of technologies



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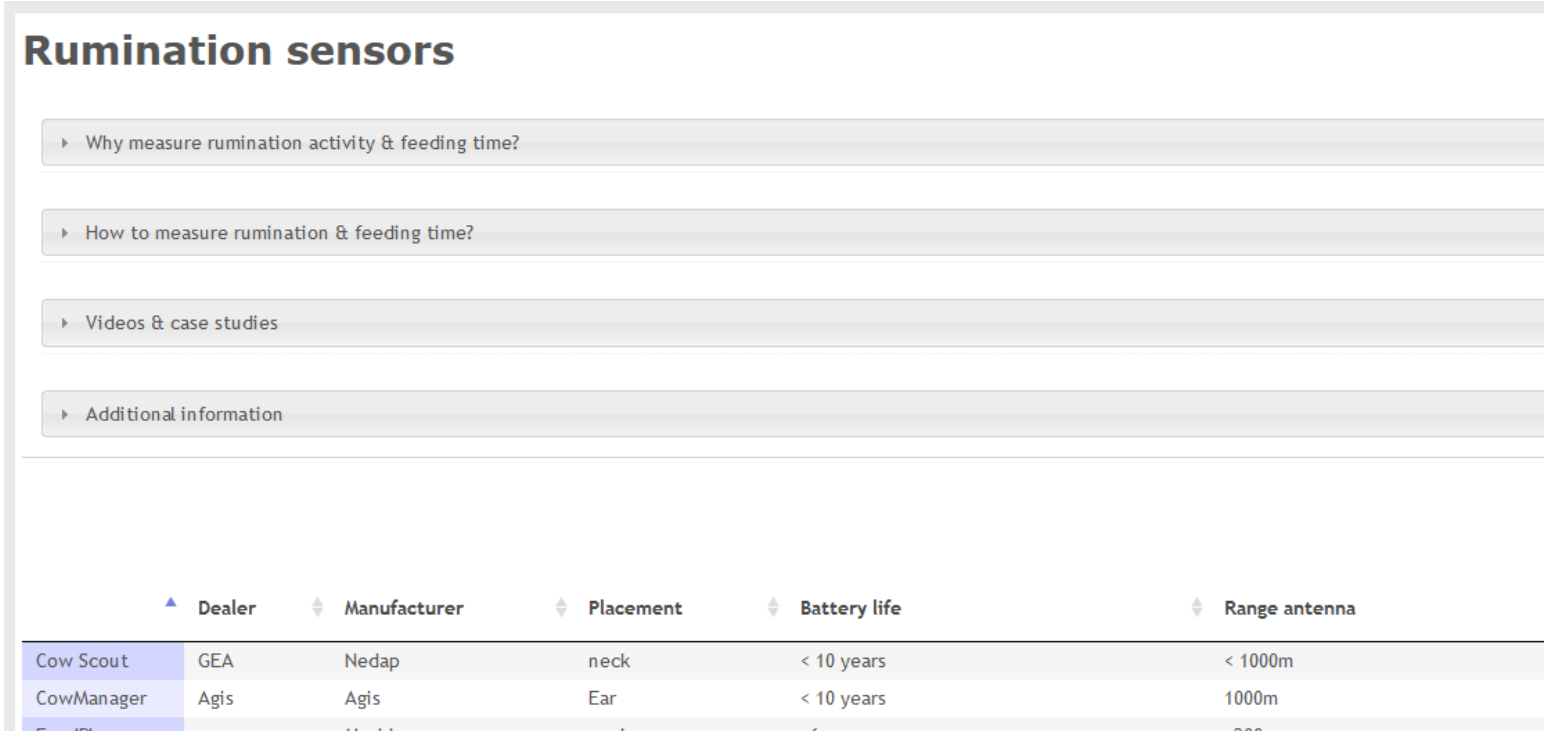

Rumination sensors

- Why measure rumination activity & feeding time?
- How to measure rumination & feeding time?
- Videos & case studies
- Additional information

	Dealer	Manufacturer	Placement	Battery life	Range antenna
Cow Scout	GEA	Nedap	neck	< 10 years	< 1000m
CowManager	Agis	Agis	Ear	< 10 years	1000m

Link al almacén interactivo: aquí

Opción Excel: aquí

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Data Driven Dairy Decision For Farmers (4D4F) aims at developing a network for dairy farmers, dairy technology suppliers, data companies, dairy advisors, veterinarians and researchers to improve the decision making on dairy farms based on data generated by sensors.

To access the 4F4F content, log in or register below.

Register | Log in

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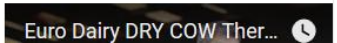

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Sin olvidar que…

“La calidad de una decisión depende directamente de la calidad de la información utilizada para tomarla”

No todas las tecnologías encajan igual

Explotar el potencial de lo que ya tenemos

Contrastar la información y valorar la propia experiencia

¡Muchas gracias por vuestra atención!

IRTA

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Agroalimentarias

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