

Project Title: Data Driven Dairy Decisions 4 Farmers — 4D4F www.4D4F.eu

P7-USAMV Project manager: Livia Vidu

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Partners:

No	Name and short name	Country
1	 INNOVATION FOR AGRICULTURE(IfA) <i>Project Coordinator</i>	United Kingdom
2	 EIGEN VERMOGEN VAN HET INSTITUUT VOOR LANDBOUW EN VISSERIJONDERZOEK (EV ILVO) <small>www.emu.be</small>	Belgium
3	 EESTI MAAULIKOOL (EMU) <small>Estonian University of Life Sciences</small>	Estonia
4	 ACHTEN BVBA (LIBA)	Belgium
5	 Wim Govaerts & Co CVBA (WGOV)	Belgium
6	 LATVIJAS ZINATNU AKADEMIJA (LZA)	Latvia
7	 UNIVERSITATEA DE STIINTE AGRONOMIC SI MEDICINA VETERINARA DIN BUCURESTI (USAMV BUCURESTI)	Romania

8	 <p>Knowledge innovation market</p>	KNOWLEDGE INNOVATION MARKET	
	S.L.(KIM)		Spain
9	 <p>THE ROYAL SWEDISH ACADEMY OF AGRICULTURE AND FORESTRY</p>	KUNGL. SKOGS- OCH LANTBRUKSAKADEMIEN KSLA (KSLA)	
			Sweden
10		ZUIDELIJKE LAND- EN TUINBOUWORGANISATIE VERENIGING (ZLTO)	
			Netherlands
11	 <p>van hall larenstein university of applied sciences</p>	STICHTING VAN HALL LARENSTEIN (VHL)	
			Netherlands
12	 <p>PARAGON EUROPE REALISING EXCELLENCE</p>	PARAGON LIMITED (Paragon Europe)	
			Malta
13	 <p>RESEARCH & TECHNOLOGY FOOD & AGRICULTURE</p>	INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)	
			Spain
14	 <p>turning data into profit</p>	PORPHYRIO (Porphyrio)	
			Belgium
15		KATHOLIEKE UNIVERSITEIT LEUVEN (KU Leuven)	
			Belgium
16		DeLaval International AB (DeLaval)	
			Sweden

Free keywords: data driven decision making, sensor technology, dairy industry, community of practice

Abstract:

The Data Driven Dairy Decisions for Farmers (4D4F) thematic network will focus on the role which dairy animal and environmental sensors can play in collecting real time information to help make more informed decisions in dairy farming.

The network will develop a Community of Practice comprised of farmers, farm advisors, technology suppliers, knowledge exchange professionals and researchers who will work together to debate, collect and communicate best practice drawn from innovative farmers, industry and the research community to facilitate the co-creation of best practice. The results will be communicated to farmers using best practice guides on the use of sensors and data analysis tools supported by videos, infographics and an online virtual warehouse of dairy sensor technologies.

The network will include the development of Standard Operating Procedures (SOPs) which can be tailored to individual farms to help farmers and farm advisors adopt dairy sensor and data analysis technology. The SOPs will be developed by working groups of the Community of Practice including farmers, farm advisors, technology suppliers, knowledge exchange professionals and researchers, who will work together to develop farmer friendly SOPs.

The on line Community of Practice and published communication tools will be complimented by on farm events and workshops to help farmers and farm advisors implement innovative sensor and data analysis technologies. The workshops and events will promote discussion between farmers and their peers on how best to use sensors and data analysis in their own businesses. This will lead to local peer to peer support to facilitate the adoption of data driven dairy decision making.

The network will work closely with EIP Agri and at member state level it will work with existing EIP Operational Groups working on dairy data and sensors and, where suitable Operational Groups do not exist, it will work with local partners to develop new Operational Groups.

Staff USAMV- Faculty of Animal Science:

Livia Vidu -Project manager/responsible WP1

Gheorghe Emil Mărginean -Researcher /Responsible WP5

Ion Călin -Researcher /Responsible WP4

Monica Paula Marin -Researcher /Responsible WP3

Vasile Băcilă - Researcher/Responsible WP2

Răzvan Popa -Researcher/Responsible WP2

Dana Cătălina Popa -Researcher