

Final Action Dissemination (FAD) Grant request form

To apply for a Final Action Dissemination (FAD) grant, please fill in the template below.

Action details

COST Action number & title	FA1308 DairyCare
COST Action Science Officer	Karina Marcus
Grant holder details	Moredun Research Institute, Professor Julie Fitzpatrick
MC decision to apply for FAD grant	Enter the date and type of MC decision (MC meeting or written procedure) to apply for a FAD grant. Attach any relevant email correspondence. The Fifth MC identified the need to prioritise Dissemination and agreed a number of end-user targeted activities, but there was no specific discussion of FAD, nor was a specific scientific dissemination activity discussed. That will now be done by email.

Final Action Dissemination details

Type (tick box)	Digital publication	<input type="checkbox"/>	Open Access	<input checked="" type="checkbox"/>	
	Print publication	<input checked="" type="checkbox"/>			
	Multimedia	<input type="checkbox"/>	Specify media		
	Other/additional details	Special Issue of Journal of Dairy Research			
Title (even if tentative)	Technology for Dairy Animal Wellbeing				
Fields covered (keywords)	Dairy animal wellbeing, sensor technologies, Internet of Things, DecisionSupport Systems				
Publisher/provider (when applicable)	Cambridge University Press				
Type details (when applicable)	Number of pages	135	ISBN (when applicable)		
	Number of print copies for purchase		250		

Contents overview (when applicable)			
Article	Author (tentative)	Length (pp)	
Overview of DairyCare	DairyCare Chair Chris Knight (University of Copenhagen)	5	
Review: Wellbeing Challenges and Opportunities in Dairy Animals	Lena Lidfors (SLU) and Lene Munksgaard (Aarhus University)	10	
Review: The Welfare, Lameness and Reproduction Triad	Carlos Perez Marin (University of Cordoba)	10	
Review: Feeding Behaviour as a Surrogate Marker of Wellbeing	Vivi Thorup (IceRobotics)	10	
Review: Biomarkers of Wellbeing	Gianfranco Gabai (University of Padua)	10	
Review: Rumen Wellbeing and SARA	Malcolm Mitchell (SRUC)	10	
Review: Automation and Robotics for Wellbeing	Ole Ravn (Technical University of Denmark)	10	
Review: Lifelong Sensing of Wellbeing	Jeff Rushen (University of British Columbia)	10	
Review: Big Data and the Internet of Things as Applied to Dairy Animal Husbandry	Craig Michie (University of Strathclyde)	10	
Review: Wellbeing Challenges in Non-Bovine Dairy Species	Gerardo Caja (UAB Barcelona)	10	
Review: Regionality in Wellbeing and Husbandry	Andrej Lavrencic (University of Ljubljana)	10	
DairyCare BluePrint for Action	DairyCare Action Steering Group	30	
Total issue length			135
Delivery date (expected)	August 2018		
Costs (expected)	8000 euro		

Final Action Dissemination detailed description

Abstract	Describe the FAD's scientific content, objectives and how it will help achieve the Action's overall aim(s). The special issue would comprise a short introduction followed by 10 articles reviewing the major scientific outcomes from the Action. The final chapter would be the DairyCare Blueprint for Action that would summarise the state of play of automated wellbeing sensing and management as at the end of the Action and identify what further research is needed to progress to commercially viable systems that could be implemented on dairy farms, and to what timetable.
FAD role in the Action's dissemination plan	Describe the FAD's role as part of the Action's dissemination plan. The dissemination activities already planned within WBP4 are targeted at end-users and stakeholders, especially the dairy farming community. The FAD would be the scientific dissemination and would complement the more practical

	end-user objectives with more futuristic and speculative dissemination to the scientific community, designed to stimulate and guide further research
Target audience	<p>Describe which audiences/stakeholders you are trying to reach through your FAD. Outline any envisaged distribution lists.</p> <p>The target audience is scientific, and in addition to the approximately 700 members of DairyCare a second key distribution list would be the global dairy researcher network or Community established by Journal of Dairy Research, which currently numbers around 1300 individuals.</p>