



An Exemplar of Effective Knowledge Transfer and Exchange

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Agri-Environment Branch



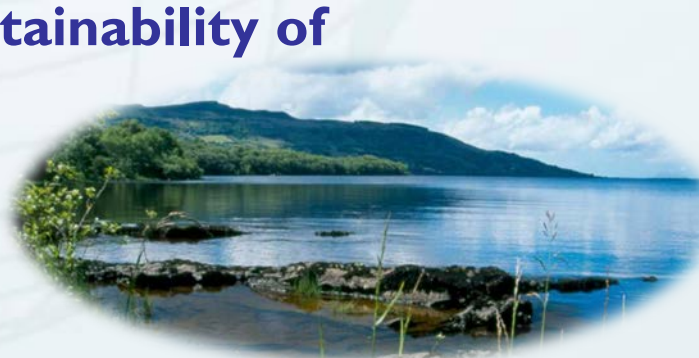
PRESENTATION OUTLINE

- Background to DAIRYMAN
- Project Overview
- DAIRYMAN Stakeholders
- DAIRYMAN Networks and Linkages
- Assessment of the Effectiveness of DAIRYMAN Knowledge Transfer (KT) Linkages



BACKGROUND TO DAIRYMAN

- Climatic conditions in North West (NW) Europe are good for dairy production, and extensive markets are close at hand
- Nutrient and GHG emissions, however, tend to be high, owing to suboptimal efficiencies in the use of fertilisers, feed and energy
- These inefficiencies hinder the delivery of key environmental services, e.g. clean water, and threaten the ecological and economic sustainability of dairy farming



PROJECT OVERVIEW

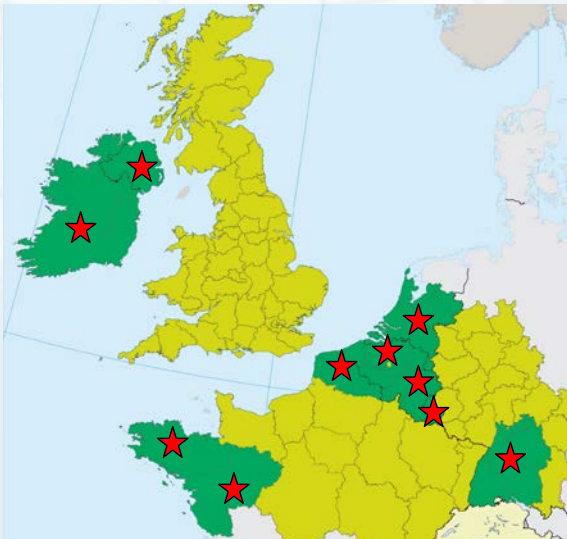
- **DAIRYMAN** is an **INTERREG** project aimed at enhancing both the competitiveness and the ecological performance of dairy farming in **NW Europe**
- Its ultimate goal was to strengthen rural communities and regional economies



PROJECT PARTNERS

DAIRYMAN
involved 14 Partner
Organizations

From 10 regions in 7
countries in NWE



Netherlands



Ireland



UK



France



Belgium



Germany



Luxembourg



1. **Wageningen UR/ Wageningen University**
2. **Wageningen UR/Plant Research International**
3. **Wageningen UR/Livestock Research**
4. **Teagasc**
5. **Agri-Food and Biosciences Institute (AFBI);
Sub-Partner: College of Agriculture, Food and Rural
Enterprise (CAFRE).**
6. **Institut de l'Élevage**
7. **Chambre Régionale d'Agric' de Bretagne**
8. **Chambre Régionale d'Agric' des Pays de la Loire**
9. **Chambre Régionale d'Agric' du Nord Pas-de-Calais**
10. **Instituut voor Landbouw- en Visserijonderzoek**
11. **Provincie Antwerpen (Hooibeekhoeve)**
12. **Centre Wallon de Recherches agronomiques**
13. **Landwirtschaftliches Zentrum für Rinderhaltung,
Grünlandwirtschaft, Milchwirtschaft, Wild und
Fischerei Baden-Württemberg“ (LAZBW)**
14. **Lycée Technique Agricole**

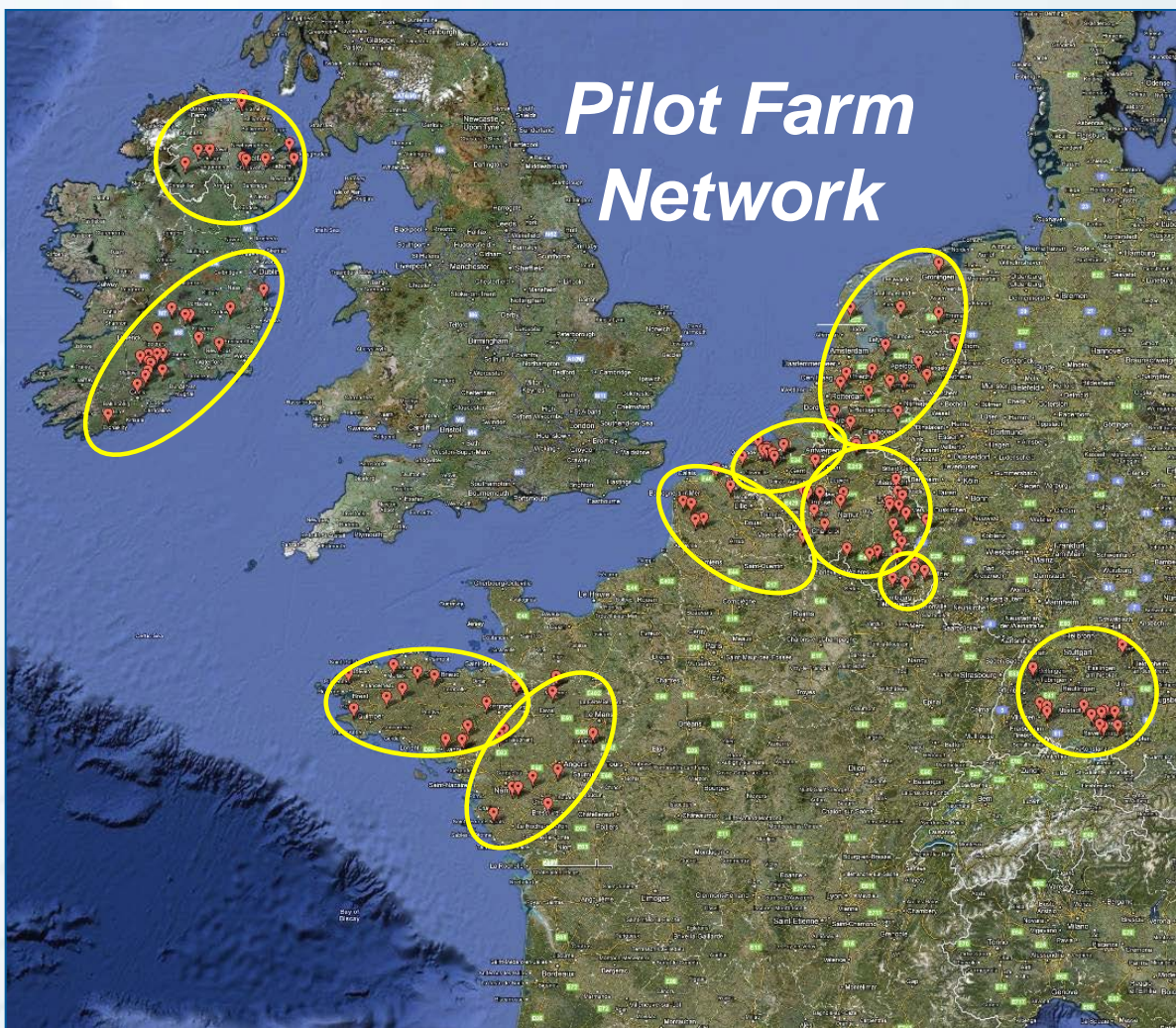
PROJECT STAKEHOLDERS

Internal

- /// Pilot dairy farmers (130)
- /// Advisors (50+)
- /// Researchers (50+)
- /// Students (100+)

External

- /// Local dairy farmers
- /// Dairy Processors
- /// Researchers
- /// Teachers
- /// Environmentalists
- /// Policy Makers
- /// Politicians
- /// Consumers



DAIRYMAN NETWORKS & LINKAGES

PF Commercial Pilot Dairy Farmer

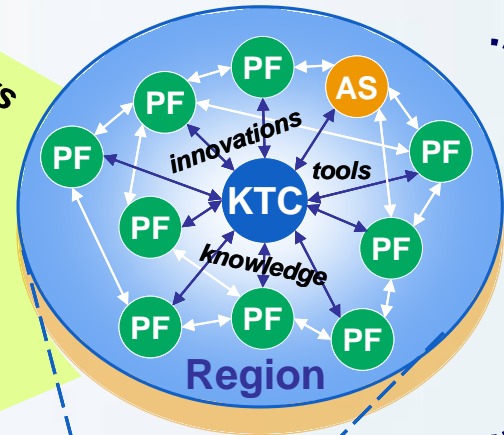
AS Agricultural School

KTC Knowledge Transfer Centre

Regional Zone of Influence

Inter-regional Zone of Influence

Dairy Farmers
Farm Advisors
Researchers
Students/Teachers
Policy makers
Dairy Processors
Inhabitants



EU Politicians
EU Legislators
EU Policy makers
EU-INTERREG
EU Projects
Researchers



ASSESSMENT OF KT LINKAGES



ASSESSMENT OF KT LINKAGES

▶ **Pilot Farmer – Advisor – Researcher linkages, at regional and inter-regional levels, were *HIGHLY EFFECTIVE* in DAIRYMAN**

DAIRYMAN

FARM DEVELOPMENT PLAN: 2011-2013
(June 2011)

FARMER: Mr Reggie Alcorn
18 Laurebank Rd, Onagh, Co. Tyrone, BT78 1TA

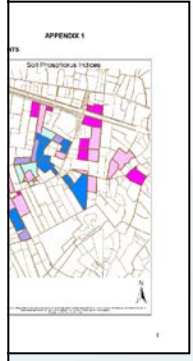
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DEVELOPMENT PLAN (DP) OBJECTIVES:

Business Objective	Importance	Contribution
Animal welfare	1	Ensuring farm sustainability in the present challenging economic climate
Animal health	2	Ensuring farm sustainability by reducing animal mortality
Feed management	3	Ensuring farm sustainability by reducing animal mortality and increasing efficiency
Water resources	4	Ensuring farm sustainability by reducing animal mortality and increasing efficiency

INDICATORS AND TARGETS TO ACHIEVE OBJECTIVES

Indicator	Unit	Actual value	Minimum value	Target value
Animal welfare	Score	1.0	1.0	1.0
Animal health	Score	1.0	1.0	1.0
Feed management	Score	1.0	1.0	1.0
Water resources	Score	1.0	1.0	1.0



NI pilot farmer travel and net-working opportunities



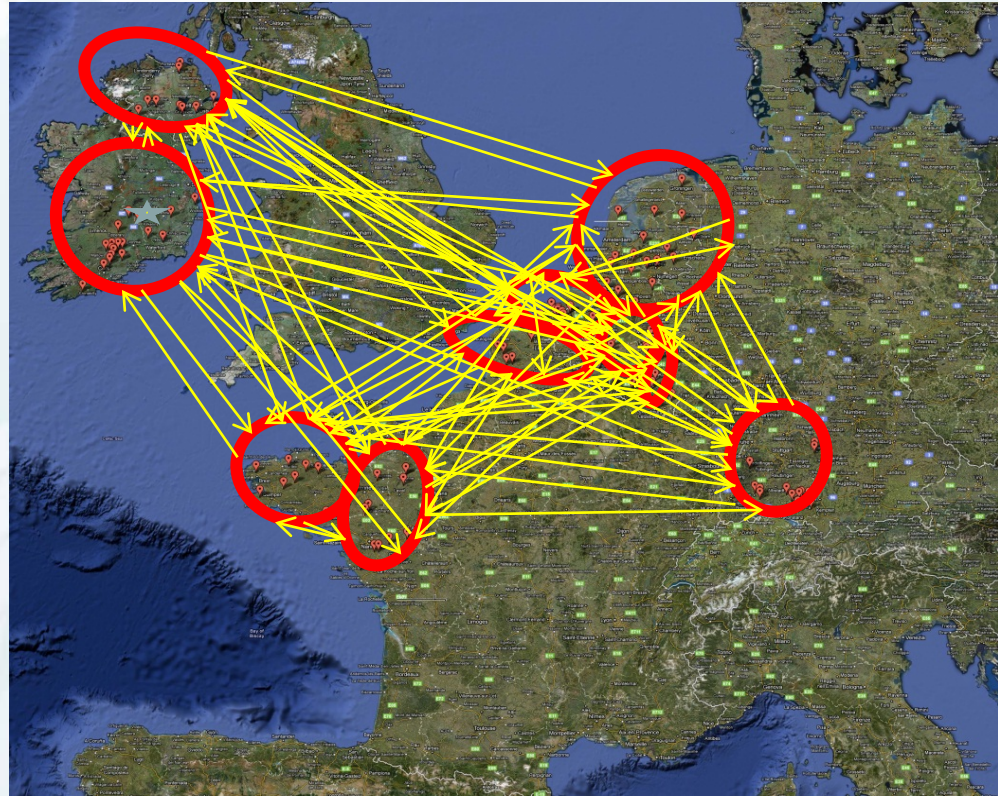
KEY MESSAGES - from NETHERLANDS & FRANCE

- *Rigorous mastitis control – cull after 2nd infection*
- *Steep roofs on sheds allowing excellent air quality*
- *Dividends from precision allocation of concentrates*
- *High forage dry matter intakes per cow from excellent quality maize and grass silages*



ASSESSMENT OF KT LINKAGES

- Pilot Farmer – Advisor – Researcher linkages, at regional and inter-regional levels, were **HIGHLY EFFECTIVE** in DAIRYMAN
- Researcher linkages across KTC's and Researcher – Student linkages at regional and interregional levels, were **PRODUCTIVE**



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- Pilot Farmer – Advisor – Local Farmer linkages **PROGRESSED** as results became available for dissemination at open days and local fairs etc



ASSESSMENT OF KT LINKAGES

- **Pilot Farmer – Advisor – Researcher linkages, at regional and inter-regional levels, were *HIGHLY EFFECTIVE* in DAIRYMAN**
- **Researcher linkages across KTC's and Researcher – Student linkages at regional and interregional levels, were *PRODUCTIVE***
- **Pilot Farmer – Advisor – Local Farmer linkages *PROGRESSED* as results became available for dissemination at open days and local fairs etc**
- **Researcher - Dairy Processor - Policy Maker linkages also *DEVELOPED* as the project matured and outputs became available for discussion and debate**



➤ **Dr Inge Van Oost, DG Agriculture, described DAIRYMAN as a “model project and a blue print for European Innovative Partnerships”**

Thank You
For Listening

