NEFERTITI#

Networking European Farms to Enhance cRoss ferTilisation and Innovation uptake Through demonstratIon

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Project submitted in response to the call:

RUR-12-2017: Networking European farms to boost thematic knowledge exchanges and close the innovation gap

…..Logic continuity of RUR 11….

RUR-11-2016: On-farm demonstrations: deepening farmer-to-farmer learning mechanisms

…..As operational implementation one year later….

- Official result disclosed by the end of June 2017
- Official starting date the 1st of January 2018 (4 years)
- 7 M€ - 32 Partners – 17 Countries

2 Projects funded under the call:

RUR-11-2016: On-farm demonstrations: deepening farmer-to-farmer learning mechanisms

Coordinator :The James Hutton Institute (UK)
Lee-Ann Sutherland
13 partners
12 countries

Building an interactive **AgriDemo**-Hub community:enhancing **f**armer **to f**armer learning

Coordinator : ILVO (BE)
Fleur MARCHAND
14 partners
12 countries

2 PILLARS of the projects:

1.Inventory of Demo-Farms across Europe

1.Best practices and methodologies for demonstration

FARM DEMO HUB gathering both projects

•Co-produce and co-design of a **geo-referenced inventory** of demonstration farms and organizations

•**Interactive, user oriented**, web-map application, including the inventory, but also **farm demo showcases, videos and other project results**

•Joint policy recommendations, policy workshops and a joint final conference!

Strategy acta RUR 12 :

▪Lobby towards DG AGRI in 2015 to push **a demonstration/experimentation topic**

▪**2 topics** on Demonstration : RUR 11 & RUR 12

▪**2 projects** funded under RUR 11…..**acta** partner of PLAID.

▪Contacted by **ERIAFF and Wageningen**……strategic negotiations…

▪**> > > Strategic decision to go for coordination!**

✓ with ERIAFF and WUR
✓+ 50% of PLAID / AGRIDEMO partners
✓+ key partners (coordinators) of on going H2020 projects
✓+ other partners

Abstract of the project (1)

NEFERTITI is a unique project that establishes **10 interactive thematic networks** and bring together **45 regional clusters (hubs) of demo-farmers** and the **involved actors** (advisors, NGOs, industry, education, researchers and policy makers) in **17 countries.**

NEFERTITI focuses on creating **added value from the exchange of knowledge**, actors, farmers and technical content over the networks in order to boost innovation uptake, to improve peer to peer learning and network connectivity between farms actors across Europe, thus contributing to a more competitive, sustainable and climate-smart agriculture.

Abstract of the project (2)

NEFERTITI address **10 themes** that have been chosen based on **key concerns of the farming communities** of the regional hubs in the project, covering together a balanced range of themes over **three main agricultural sectors: animal production, arable farming and horticultural production**. The themes have also been chosen regarding their **innovation potential, their demonstration potential and the cross-fertilisation potential** among the themes, the sectors and the actors.

Themes are closely linked to the **H2020 Thematic Networks** and will connect with other organisational structures at **grass root level, like EIP operational groups and study clubs** that will confer to the project a key role of accelerator and empowerment of the dissemination and of the uptake of the practical-oriented knowledge delivered by all EIP related projects.
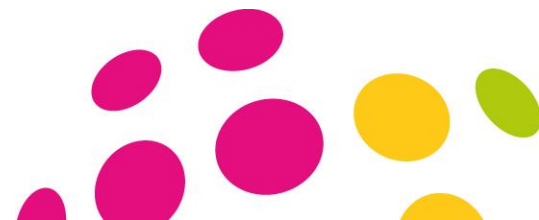
Abstract of the project (3)

A monitoring and learning program supports the systematic extraction of lessons learnt, lessons to be shared with wide audiences including **AKIS actors and public authorities.**

A **web based platform** unlocks the experience, actors, demo details and the related content for wide spread sharing, enhanced by dedicated production of relevant material (including high-quality professional videos) **in each language of the partners**.

NEFERTITI will engage a **policy dialogue with EU Regions** to match farmers and policy makers' interests in view of the networks sustainability.

Partnership:

• 32 Partners from 17 countries
• Farmer organisations / Advisory Services / Cooperatives / Applied Research / Academic Research / Universities / NGOs / Regions / Municipalities….

Partner country

Non partner country
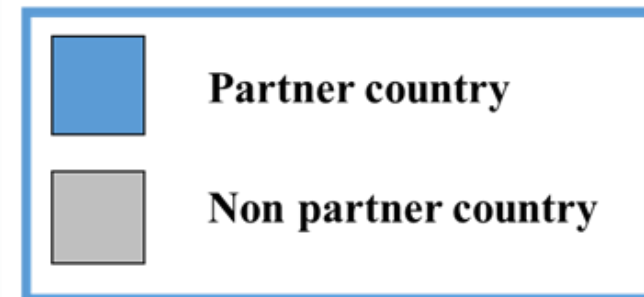
List of partners:

Association de coordination technique agricole (ACTA)	ProAgria Etelä-Pohjanmaa (ProAgria EP)
Advisory Service Croatia (ASC)	Province of Zuid-Holland (PZH)
Agricultural Advisory Center in Brwinów (AAC)	Regione Toscana (RT)
Assemblée permanente des chambres d'agriculture (APCA)	Seinäjoki University of Applied Sciences (SeAMK)
Biosense Institute - (BIOS)	The Agriculture and Food Development Authority (Teagasc)
University of Almería (UAL)	Tecnologías e Infraestructuras Agroalimentarias (INTIA)
Forschungsinstitut fur Biologischenlandbau Stiftung (FiBL)	Wageningen Research (WR)
Gruenlandzentrum Niedersachsen (Centre for Grassland) (GLZ)	Öko-Obstbau Nordeutschland Versuchs und Beratungsring (ÖON)
Széchenyi István Egyetem (SZE)	Comité européen du machinisme agricole (CEMA)
Innovation for Agriculture (IFA)	Flanders research institute for Agriculture, Fisheries & Food (EVILVO)
Associação para a Inovação e o Desenvolvimento Empresaria (INOVISA)	Inagro (Inagro)
Inra Transfert (IT)	Hooibeekhoeve (HH)
International Federation of Organic Agriculture Movements (IFOAM)	Gemeente Westland (Municipality of Westland) (WL)
James Hutton Institute (HUTTON)	BIOLAND BERATUNG GMBH (BIOLAND)
Natzionalna slujba za saveti v zemedelieto (NAAS)	DEMETER E.V. (DEMETER)
Instituto Superior de Agronomia / Universidade Lisboa (ISA/ULisboa)	VERBAND FÜR ÖKOLOGISCHEN LANDBAU (NATURLAND)

Structure of the project
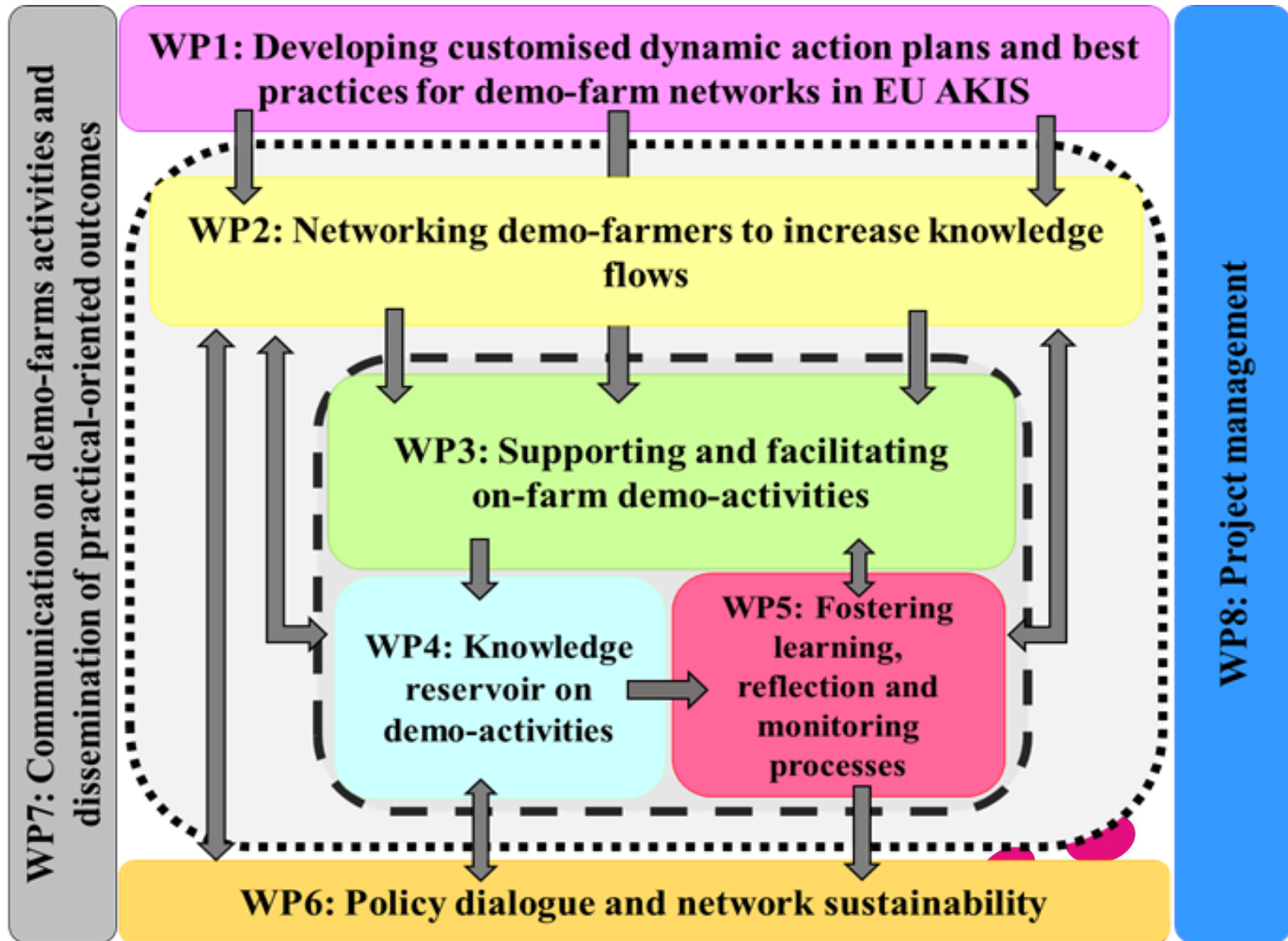
Structure of the networks

NETWORKS	01 – Grassland & carbon sequestration	02 – Data driven decisions for dairy farmers	03 – Robust organic livestock systems	04 – Optimal soil quality in arable crops	05 – Arable crop sensing & variable rate applications	06 – Increasing productivity & quality in organic arable crops	07 – Improved nutrient use efficiency in horticulture	08 – Water use efficiency in horticulture	09 – Reducing pesticides use in the production of grapes, fruits & vegetables	10 – 'You can farm' Farm attractiveness
Network leaders	GLZ	IFA	INTIA	AL	WR	AAC	NAAS	UAL	ACTA	TEAGASC
Category	Advisor	Farmer	Applied research	Applied research	Applied research	Advisor	Advisor	Academia	Applied research	Advisor
HUBS	DE	UK	ES	BE	NL	PL	BG	ES	FR	IE
	FR	BE	UK	NL	FR	ES	DE	PT	DE	FR
	UK	FR	FR	PL	PL	FI	NL	PL	PT	DE
	IE	DE	DE	ES	FI	DE	ES	NL	ES	UK
			HR		HU				BG	HR
										HU

Structure of the networks

Box 1.1: Hubs, networks, coaches and network leaders

What is a hub?

Organised at regional/national level, a hub is a group of several demo-farms working on a given topic/challenge (crossroad of a sector and a theme) and connected to all relevant AKIS actors and stakeholders (R&I, farming sector, education, industry, coops, SMEs…) and their facilities.

What is a network?

Organised at EU level, a network connects several regional/national hubs, constituting a cross-border multi-actor interactive network of demo-farms and the AKIS actors from several EU countries working on the same topic/challenge and exchanging practical oriented knowledge, farm best-practices & relevant innovations.

Who is a coach?

A coach is a project partner managing the hubs' activities. The coach connect all relevant AKIS actors and stakeholders around the hub in order to boost knowledge exchange and cross-fertilisation around demonstrations. The coach is connected to the other hubs' coaches of the same network and also of other NEFERTITI networks.

Who is a network leader?

A network leader is a coach managing the network activities. He harvest all relevant ready to use material and knowledge from relevant EU projects, organise concrete knowledge exchange activities within the network (knowledge virtual and face to face meeting, field cross-visits, etc…) and is responsible for cross-fertilisation with the other NEFERTITI networks.

Knowledge exchange activities

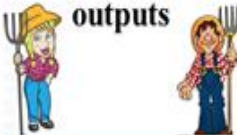|	M1 - M6	M7 - M12	M13 - M18	M19 - M24	M25 - M30	M31 - M36	M37 - M42	M43 - M48
Hubs 'demo-activities (WP3)		Permanent knowledge exchange activities trough multi-actor demo-activities in 13 EU countries						
Annual meetings (WP8)	KOM	Annual meeting	Annual meeting	International conference	Annual meeting		Annual meeting	International conference
10 networks knowledge events (T2.2 & T2.3)		Networks team building	Networks knowledge meeting	Networks knowledge meeting	Networks knowledge meeting	Networks knowledge meeting	Networks knowledge meeting	
		Virtual knowledge exchange	Virtual knowledge exchange	Virtual knowledge exchange	Virtual knowledge exchange	Virtual knowledge exchange	Virtual knowledge exchange	Virtual knowledge exchange
EU Cross-Visits (T2.4)			10 field Cross-Visits per year		10 field Cross-Visits per year		10 field Cross-Visits per year	
Visits outside EU (T2.5)				New Zealand		Brazil		
Exchange with SCAR SWG AKIS (T2.6)		SWG AKIS meeting		SWG AKIS meeting		SWG AKIS meeting		SWG AKIS meeting
Joint strategy with Regions (WP6)					Permanent knowledge exchange activities with EU regions to develop a strategy for the sustainability of the project networks			
Knowledge platform (WP4)		Permanent knowledge exchange activities trough the knowledge platform						

Mindset of the project

A multi-actor approach	A multi-stakeholder approach	An interactive innovation approach	An emphasis on generating practical, user-friendly outputs	Targeted analysis of the needs of existing demonstration farming actors	A highly responsive relationship to EIP-AGRI	A multiple sustainability approach
Bringing together farmers organisations, advisory services, SMEs, NGOs, applied and academic research, industry, so ensuring the practical relevance of the project approach and hence, the uptake of project results	Involving a wide range of stakeholders in developing, assessing and validating outputs at multiple geographical levels (regional, national and EU)	Fostering innovation through science-practice interaction and the support & facilitation of demo farming activities on 45 farms 'hubs across 10 EU networks	Targeted towards specific groups and specifically towards farmers and made available through a variety of medias (high-quality professional videos)	In order to ensure the effectiveness and longevity of networks established and to ensure that all project results are in accordance with practitioners' needs.	Orienting NEFERTITI outputs towards use in the EIP-AGRI Service Point, the RDP implementation and Operational Groups, H2020 implementation and the SCAR SWG AKIS	Contributing to a climate-smart & competitive agriculture and fostering self-sustainability of the project networks and efficient use of synergies among EU funds

Coordination with PLAID & AGRIDEMO:

•50 % of NEFERTITI partners participate to PLAID /AGRIDEMO
►To facilitate human relationship and cooperation efficiency.

•Both coordinators have a key role in NEFERTITI (WPL 1 + WP5).
►To facilitate strategic coordination and alignment of actions

•NEFERTITI work plan have been scheduled according to the expected PLAID /AGRIDEMO readiness deliverables.
►To tailor PLAID /AGRIDEMO deliverables as NEFERTITI inputs

•PLAID & AGRIDEMO final Conference jointly organised with NEFERTITI mid-term conference.
►To boost communication impact and create added-value from synergies between H2020 projects

Coordination with PLAID & AGRIDEMO:
Focus on the deliverables

FarmDemo

NEFERTITI#

FARMDEMO **geo-referenced Inventory** on the FarmDemo Hub

WP2: Network development will build on the inventory of demo-farms to identify regional and national innovation actors

Best practices for effective demo-activities

WP1: Key factors behind successful network establishment ; specified in relation to the 10 NEFERTITI themes

WP3: Supporting and facilitating demo-activities on-farm at local level.

FarmDemo Hub
- Show cases & virtual demo's
- Events & demonstrations
- Best practices & practice abstracts
- Community of DemoFarms & Organizers

WP5: Development and selection of the tailored guides

WP4: NEFERTITI platform development

PLAID & AGRIDEMO final Conference

WP7: Production and dissemination of multimedia material ;Social media engagement and growth hacking.

Thank you for your attention!