EIP-AGRI Workshop
Tools for environmental farm performance

7 - 8 February 2017 – Zagreb, Croatia

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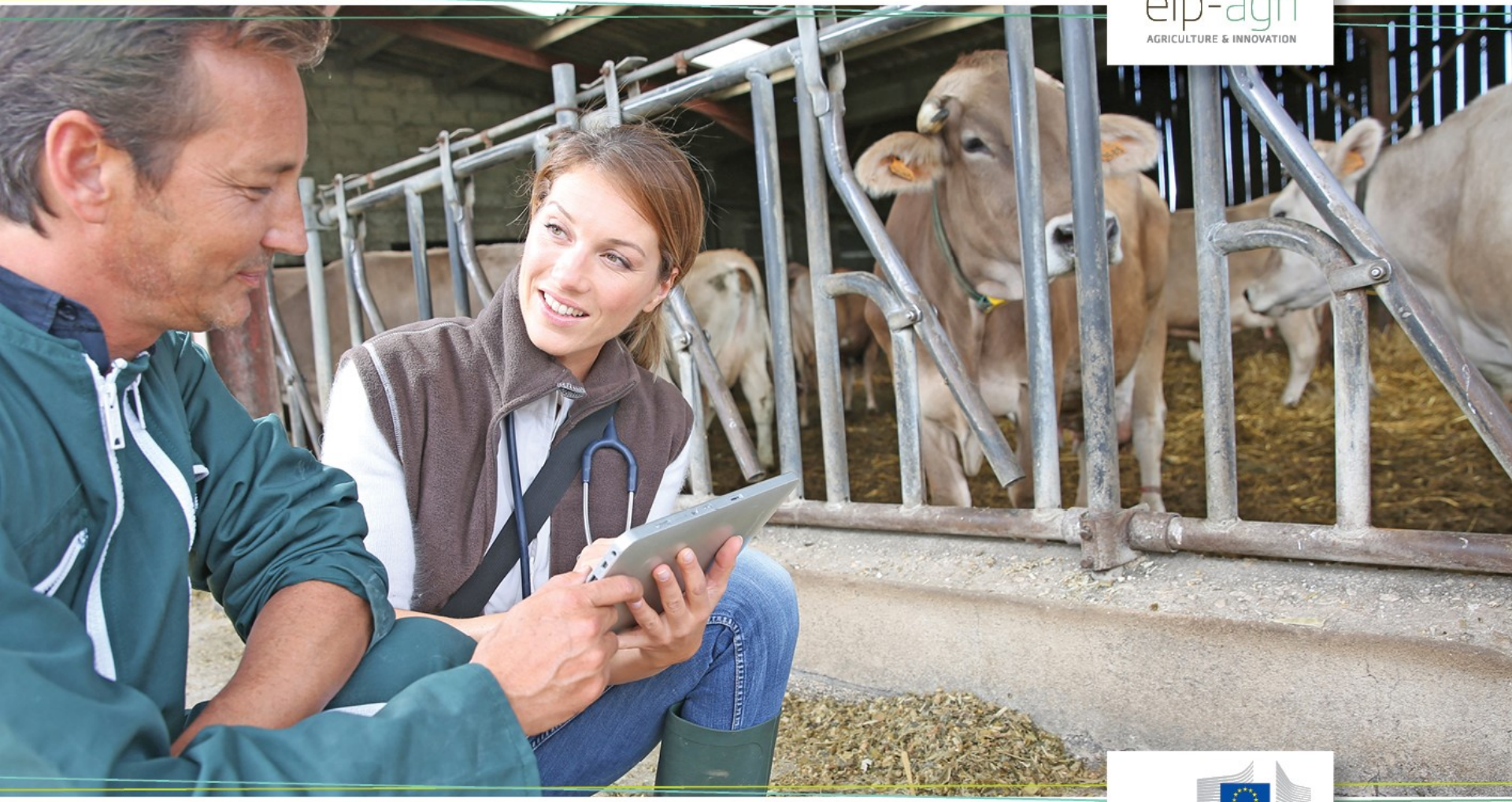

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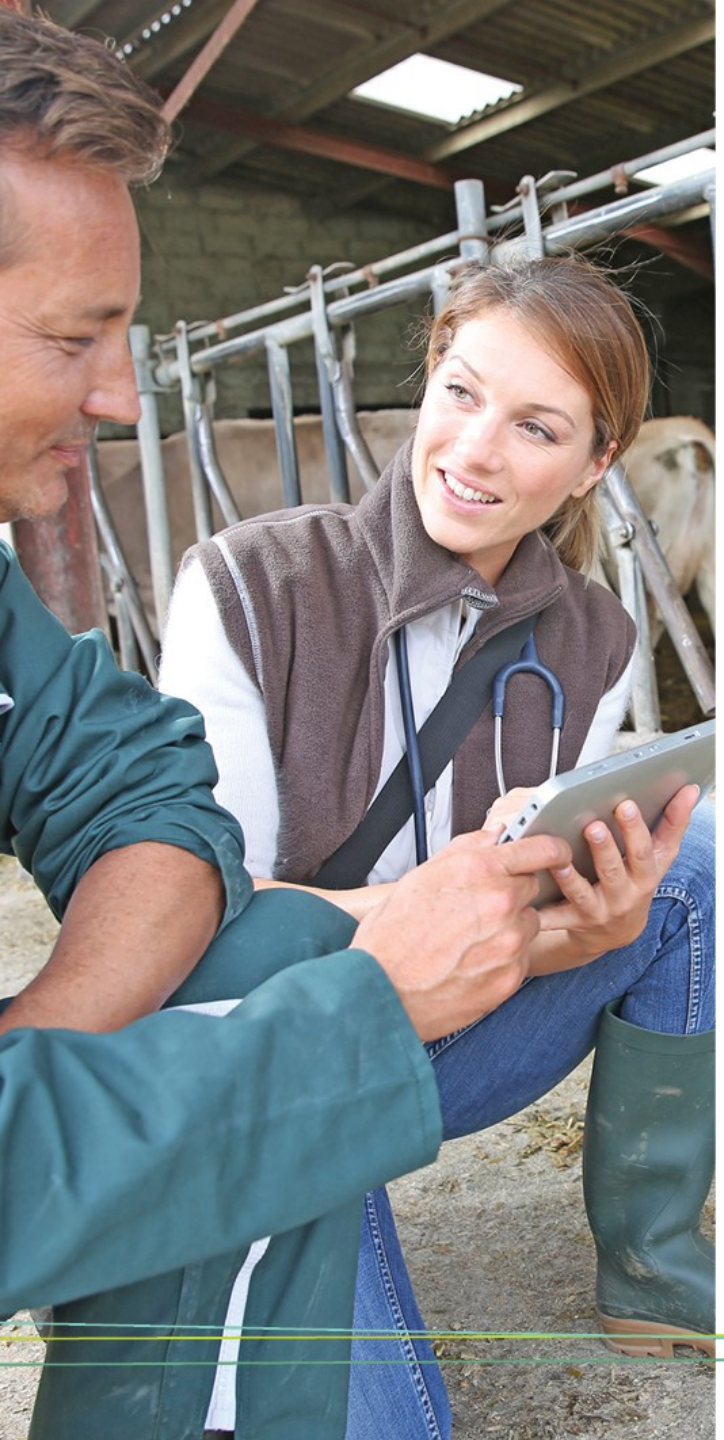

EIP-AGRI Workshop
'Tools for environmental farm performance'
Tuesday 7 February 2017, Zagreb - Croatia

12:00 – 13:00 Registration and buffet lunch

13:00 – 13:10 Welcome words

- *Iman Boot, DG Agriculture and Rural Development*
- *Krešimir Ivančić, Croatian Ministry of Agriculture*

13:10 – 13:20 Icebreaker

13:20 – 13:40 Introduction to the theme of the workshop by DG AGRI

13:40 – 14:00 Setting the scene by the coordinating experts of the workshop

14:00 – 14:45 Elevator pitches, highlighting the three main reasons for which farmers may use sustainability tools (farm initiative, food chain, legislation)
Consecutive panel reflections

- *Martijn Buijsse, Skylark, The Netherlands*
- ***Vincenzo Angileri, Joint Research Centre, European Commission***
- *Simon Miller, Cool Farm Tool, UK*

14:45 – 15:45 Presentations of existing environmental sustainability tools

- *John Lynch, TEAGASC, Ireland*
- *Romain Dieulot, FNCIVAM, France*
- *Kathryn Green, LEAF, UK*
- *François Lerin, CIHEAM-IAMM & HNV-Link Thematic Network, France*
- *Josien Kapma, Boer & Bunder, The Netherlands*
- *Dóra Mészáros, SMART, Hungary*

15:45 – 16:15 Coffee break

16:15 – 18:00 Break-out sessions

19:00 Networking dinner

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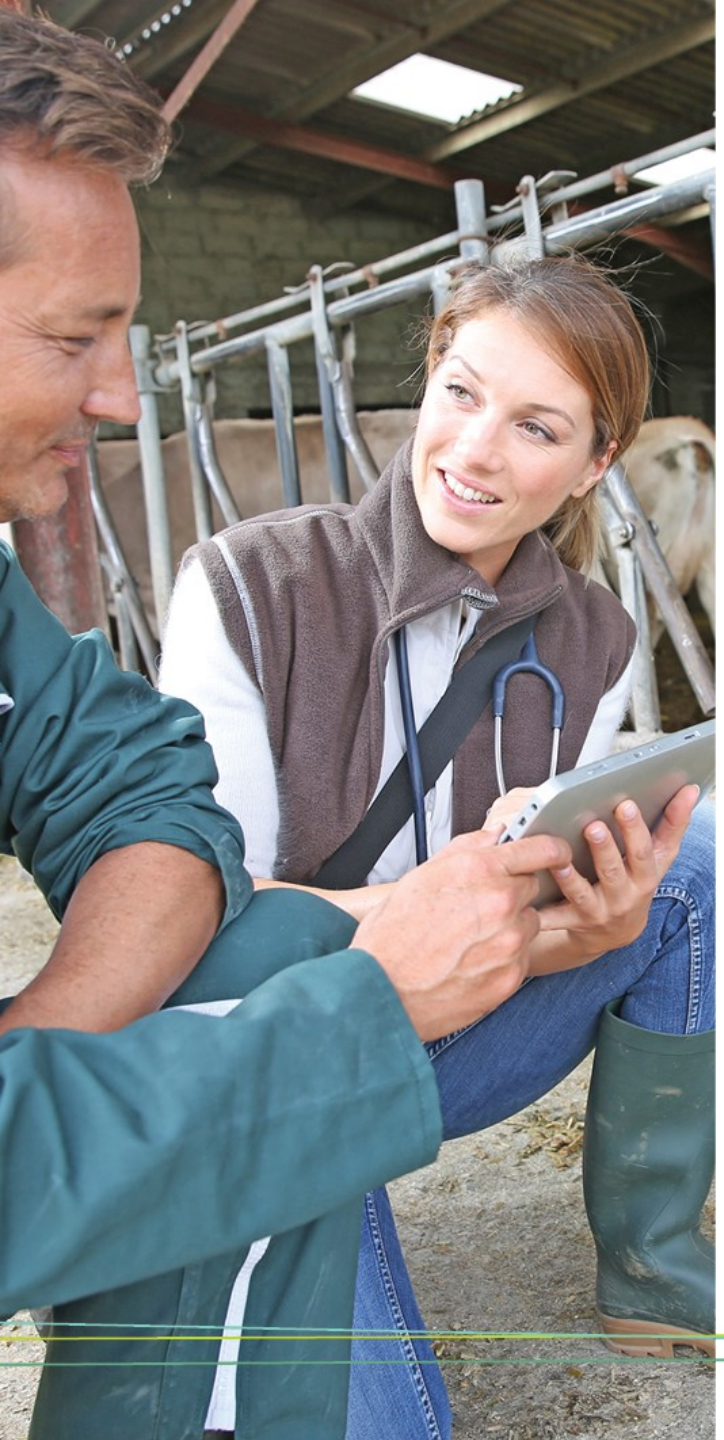

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Wednesday 8 February 2017, Zagreb - Croatia

09:00 – 09:30 Energiser exercise
Summary of previous day and conclusions by coordinating experts Janet Dwyer and Marta Pérez-Soba

09:30 – 10:30 Break-out session

- What does the ideal tool look like to you?
- What can you do to make such a tool become a reality?

10:30 – 11:00 Coffee break

11:00 – 11:45 Break-out session (continued)

- If you would start an EIP-AGRI Operational Group to design the ideal tool, what would be the main problem to solve or opportunity to take, who would be the partners and how would you design the project?

11:45 – 12:00 Harvesting

12:00 – 12:30 Plenary session

- What happens after the event? Concrete ideas for follow-up actions

12:30 – 13:30 Lunch and departure

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The European Commission's science and knowledge service

Joint Research Centre

The Ecological Focus Area (EFA) calculator

Vincenzo Angileri,

Joint Research Centre

EIP workshop,

Zagreb, 7-8 February, 2017

European Commission

The EFA calculator

A software tool to support farmers decisions on EFA

Objectives

Calculate the contribution of different farm features to **meeting the 5% EFA target** (including checking implementation rules)

Calculate the **potential impact of different features** on ecosystem services, biodiversity and management

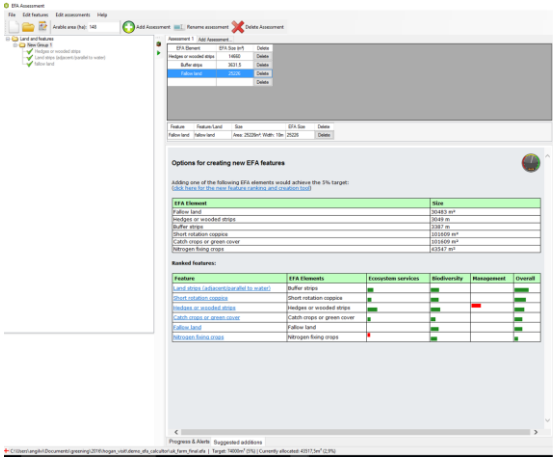
Guide farmers towards features which offer the greatest potential benefits (minimising burdens & maximising benefits)

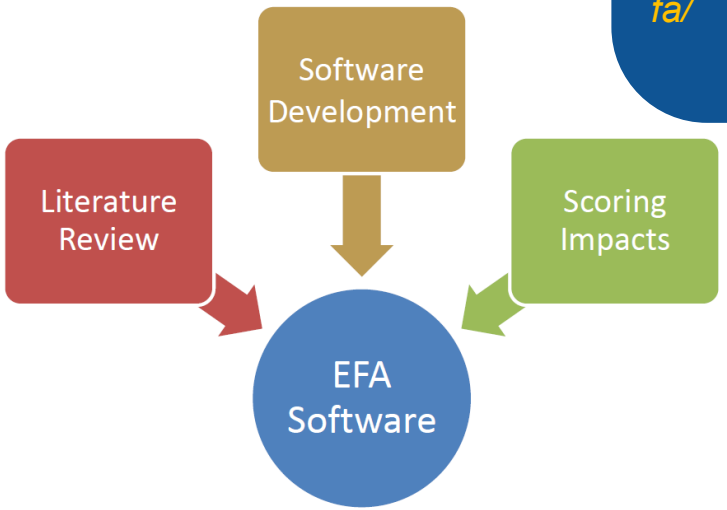
One-year study commissioned by JRC

Developed in 2015 by: University of Hertfordshire, UK (John Tzilivakis et al.)

Full study report published on: *https://ec.europa.eu/jrc/en/news/efa-calculator*

Software can be download at: *https://sitem.herts.ac.uk/aeru/efa/*





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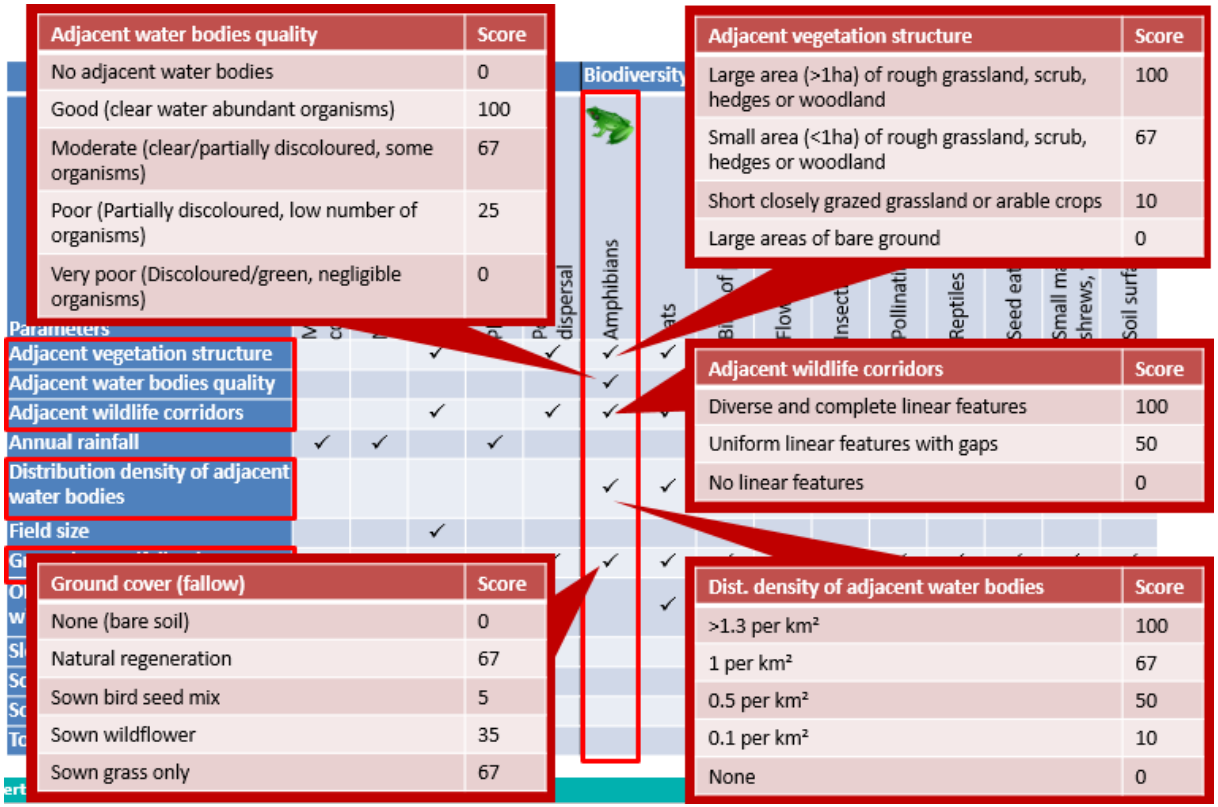
The foundation of the tool

- Examined the knowledge and identified the **key parameters** (and classes) that affect the potential impact of EFA features on **ecosystem services**, **biodiversity** & **management**
- Used a relatively simple scoring approach to capture a range of complex information



Impact matrix of fallow land on amphibians

Ecosystem services:

it uses the Common International Classification of Ecosystem Services (**CICES**) system (Haines-Young & Potschin, 2013)

Impact categories:

- pollination,
- pest control,
- water quality control,
- soil erosion,
- others have also been added where information exists

Biodiversity:

It uses the European Nature Information System (EUNIS) species groups (EEA, 2015)

Management:

Labour only, currently

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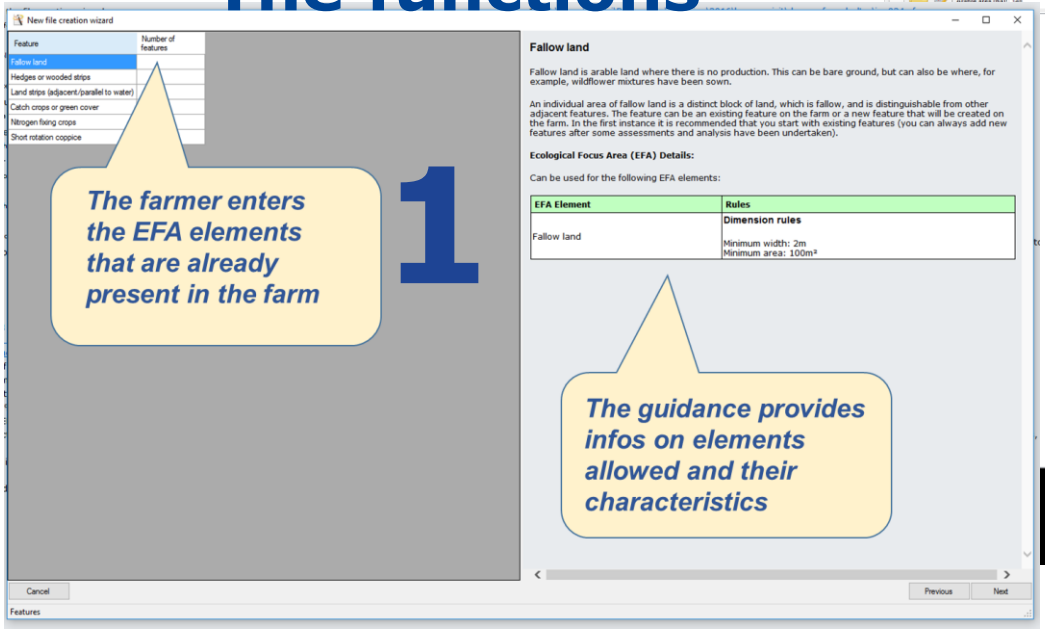
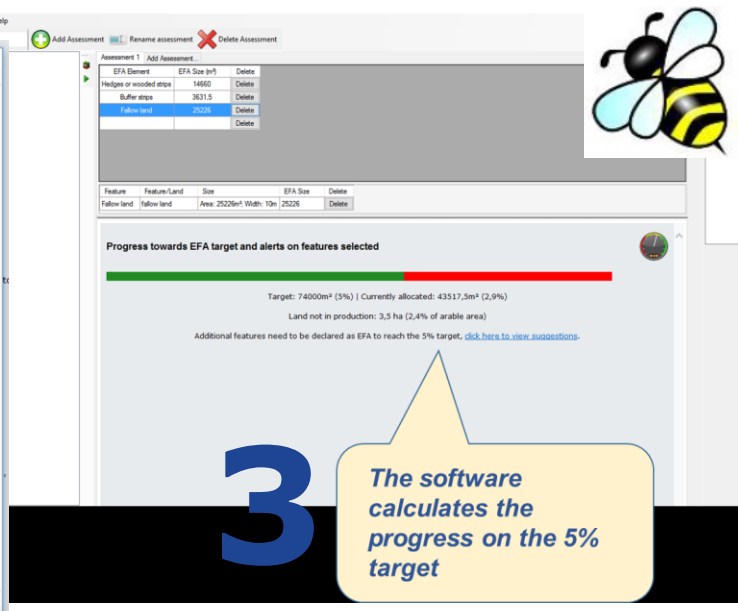
The functions



The farmer enters the EFA elements that are already present in the farm

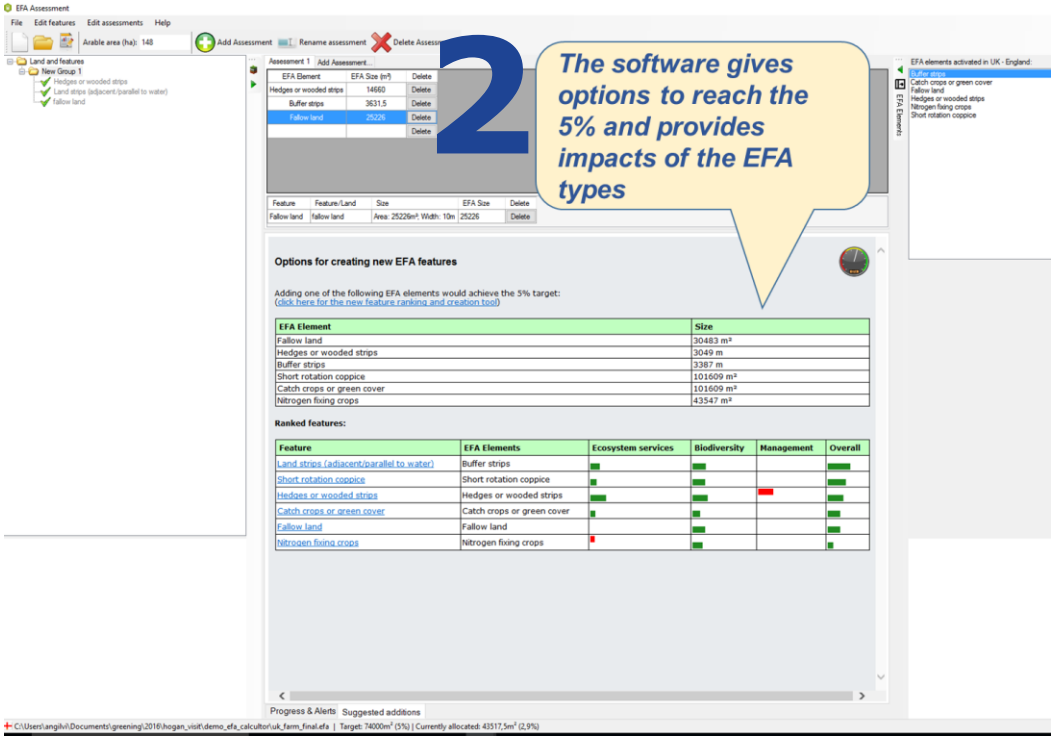
1

The guidance provides infos on elements allowed and their characteristics



3

The software calculates the progress on the 5% target

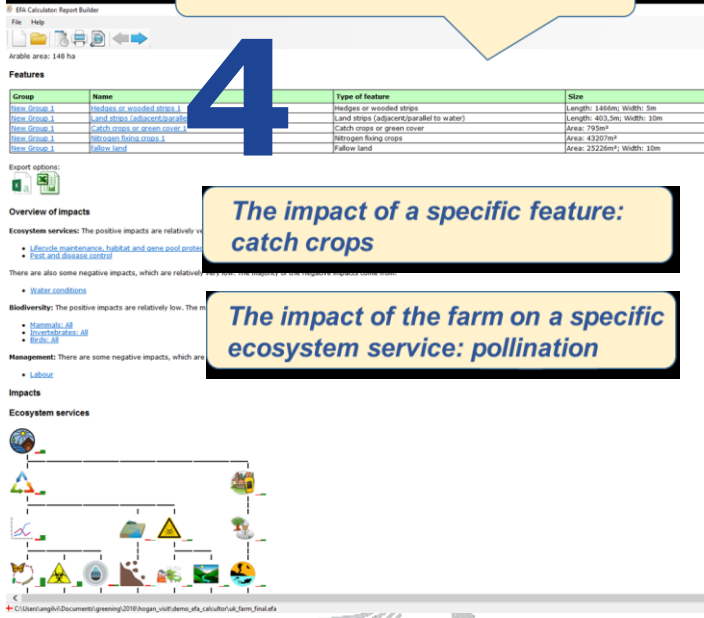


2

The software gives options to reach the 5% and provides impacts of the EFA types

The impact of the whole farm

4



The impact of a specific feature: catch crops

The impact of the farm on a specific ecosystem service: pollination

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Conclusions

A tool not only to calculate the 5% EFA

Twofold aim:

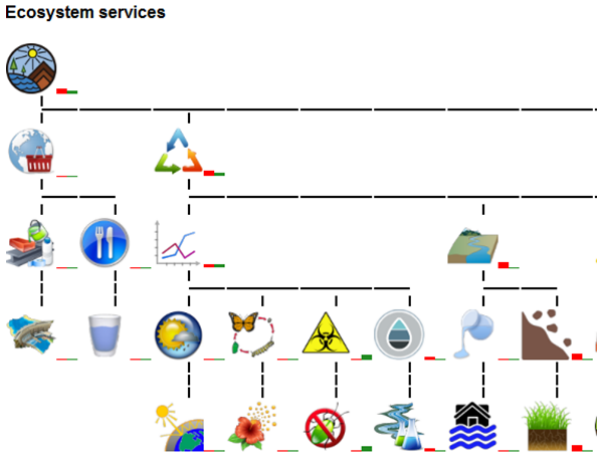
raising awareness (used by farmers/advisors)

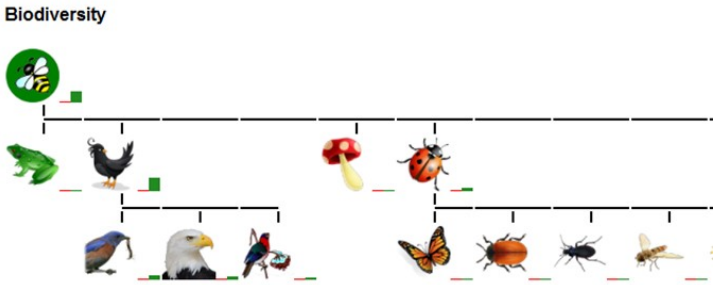
assess farm environmental performance

There is scope to improve the knowledge base, especially for management (currently, integration of results from QuESSA-Quantification of Ecological Services for Sustainable Agriculture project)

Promote the tool use and test it in different farm types

Tools, like the EFA calculator, ideally need to seamlessly integrate with other applications, tools and services that farmers use on a regular basis





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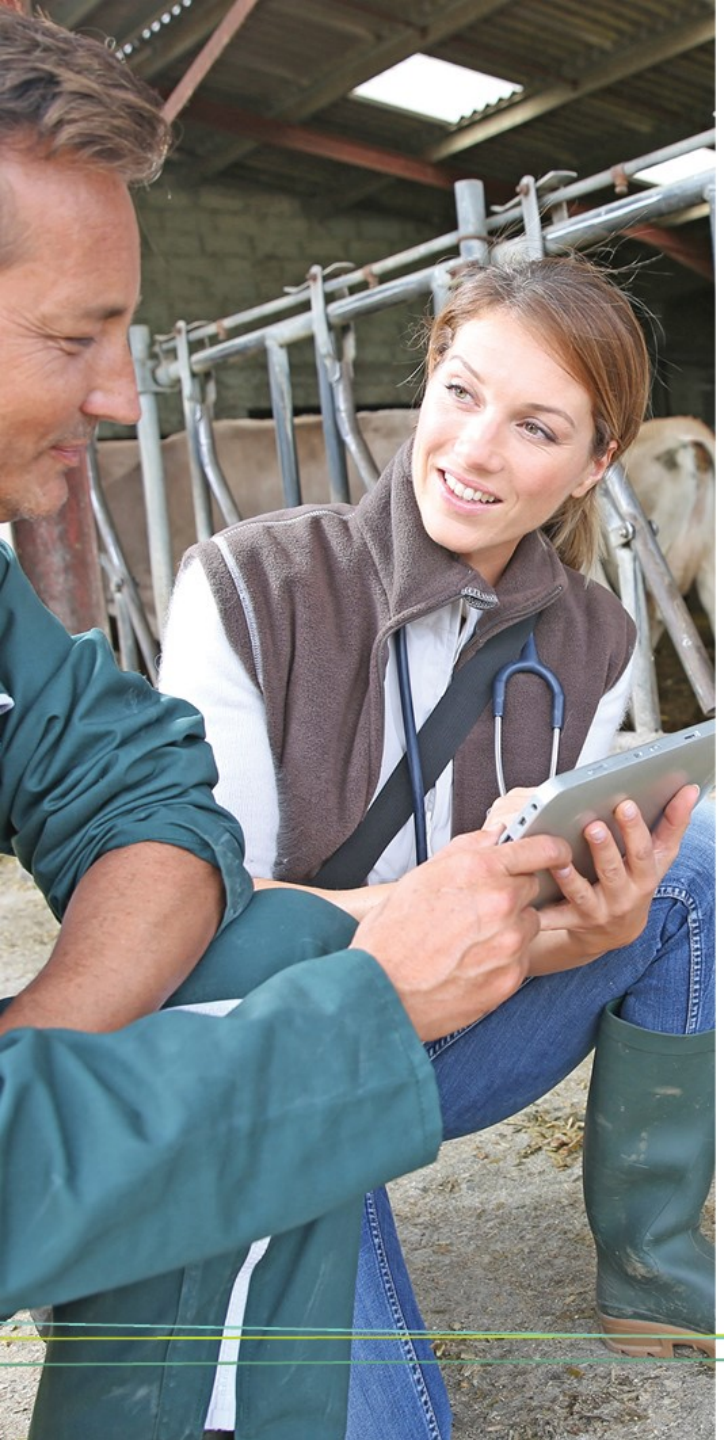

Three elevator pitches & reflections from a panel

SPEAKERS:

- **Martijn Buijsse - Skylark, The Netherlands**
- **Vincenzo Angileri - Joint Research Center, European Commission**
- **Simon Miller - Cool Farm Tool, UK**

PANEL:

Farmers

Alan Jagoe
Aila Riikonen
Valentin Opfermann

Environmental organisations

Gijs Kuneman
Alasdair Sykes
Vyara Stefanova

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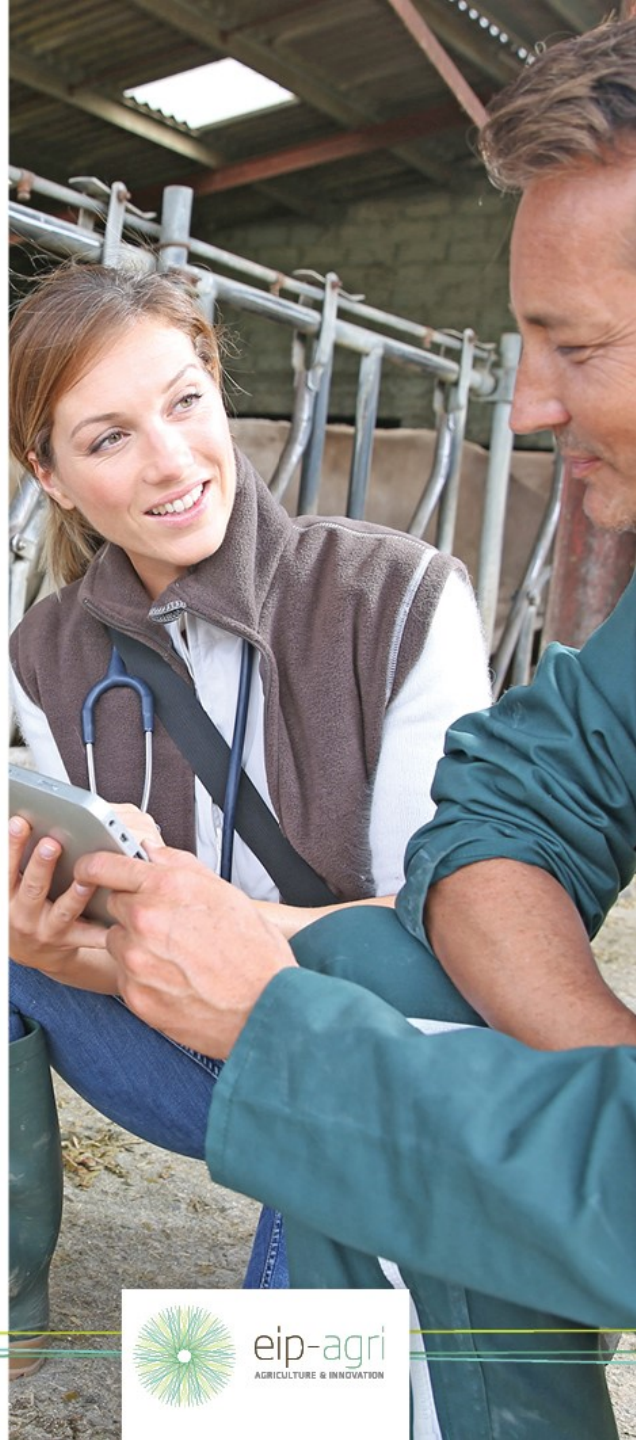
All presentations & background documents are available on the event webpage.

www.eip-agri.eu



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