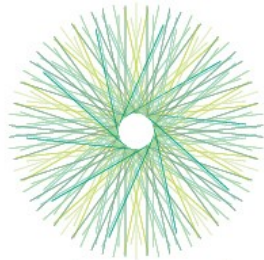


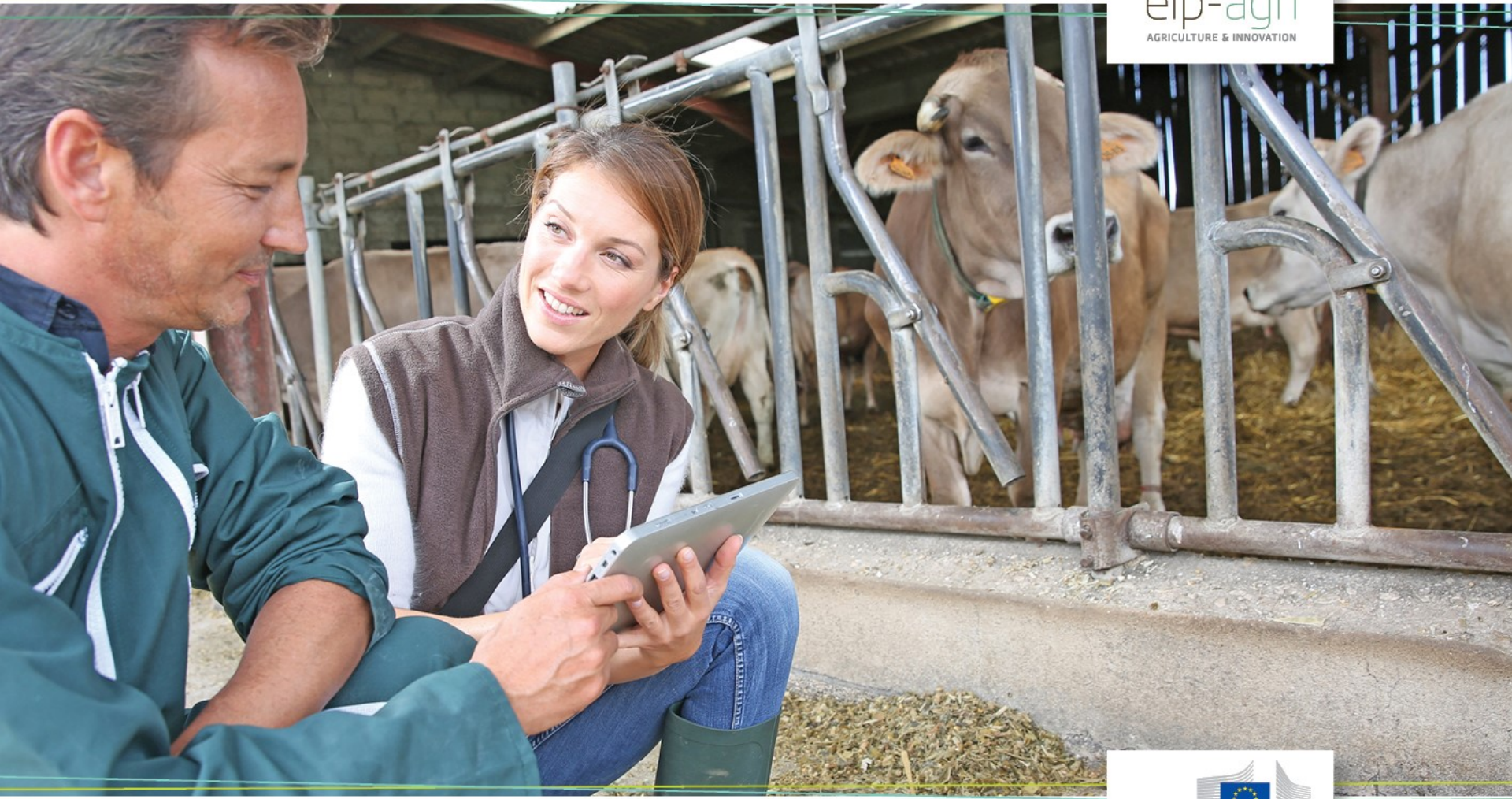
EIP-AGRI Workshop

Tools for environmental farm performance

7 - 8 February 2017 – Zagreb, Croatia



eip-agri
AGRICULTURE & INNOVATION



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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

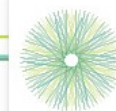
- *John Lynch, TEAGASC, Ireland*
- *Romain Dieulot, FNCIVAM, France*
- *Kathryn Green, LEAF, UK*
- *François Lerin, CIHEAM-IAMM & HNV-Link Thematic Network, France*
- *Josien Kapma, Boer & Bunder, The Netherlands*
- *Dóra Mészáros, SMART, Hungary*

15:45 – 16:15 Coffee break

16:15 – 18:00 Break-out sessions

19:00 Networking dinner

#EipAgri
#EnvirTools



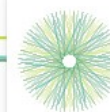
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EIP-AGRI Workshop 'Tools for environmental farm performance' Wednesday 8 February 2017, Zagreb - Croatia

- 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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Cool Farm management Tool

7th February 2017

Simon Miller, General Manager of Cool Farm Alliance

Cool Farm Alliance

- Member owned
- Not for profit



Five Cool Farm principles

- Free for farmers
- Intuitive and rapid
- Run 'what if' scenarios

1.
Farmer
focussed

2.
Science
based

- Researcher-led
- Independent
- Open technical documentation

CFT

3.
Industry
backed

- Co-investment vehicle
- Credible, standardised
- Multi-sector

4.
Crops &
livestock

- Model mixed enterprises

5.
Global

- Big ag to smallholder
- Multi-lingual (English, French, Spanish)

- + Add product
- i About
- ⚙ Farm settings
- 🕒 View products
- # Results
- 🌿 Expert assumptions
- ? Help

Progress tracker

General Growing Area Field Treatment Management Energy & Processing Transport

General information ⓘ

Enter basic crop properties to get started.

Crop type:

Year: ⓘ

Name:

Fresh product weight:

Finished product weight:

Co-products ⓘ

Are there any marketable by-products of this crop that you use or sell?

Other comments

Add comments about this section

6 x
DATA ENTRY

Back

Save & continue

dry_bean_2014

Dry Bean, 2014

Total product

1 tonnes

Yield

2470 kg / ha

Total emissions

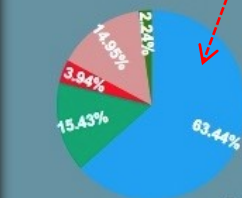
268.89 kg CO₂e

Emissions per acre

664.15 kg CO₂e

Emissions per tonne

268.89 kg CO₂e



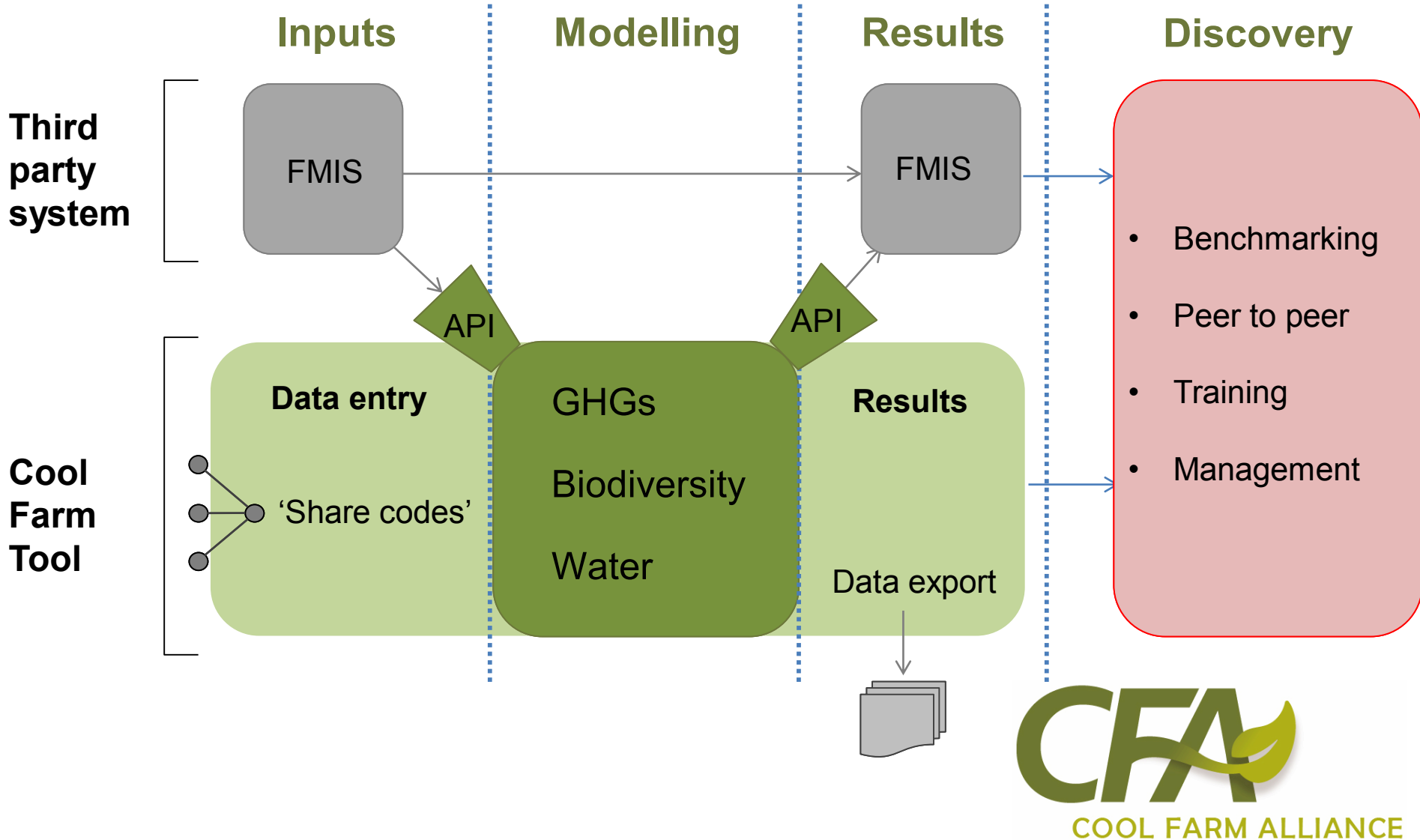
Category	kg CO ₂ e
Land management	0.00
Soil / fertilisers	170.57
Pesticide	41.50
Residue mgmt	10.60
Energy & processing	40.20
Water waste	0.00
Transport	6.02

Live results

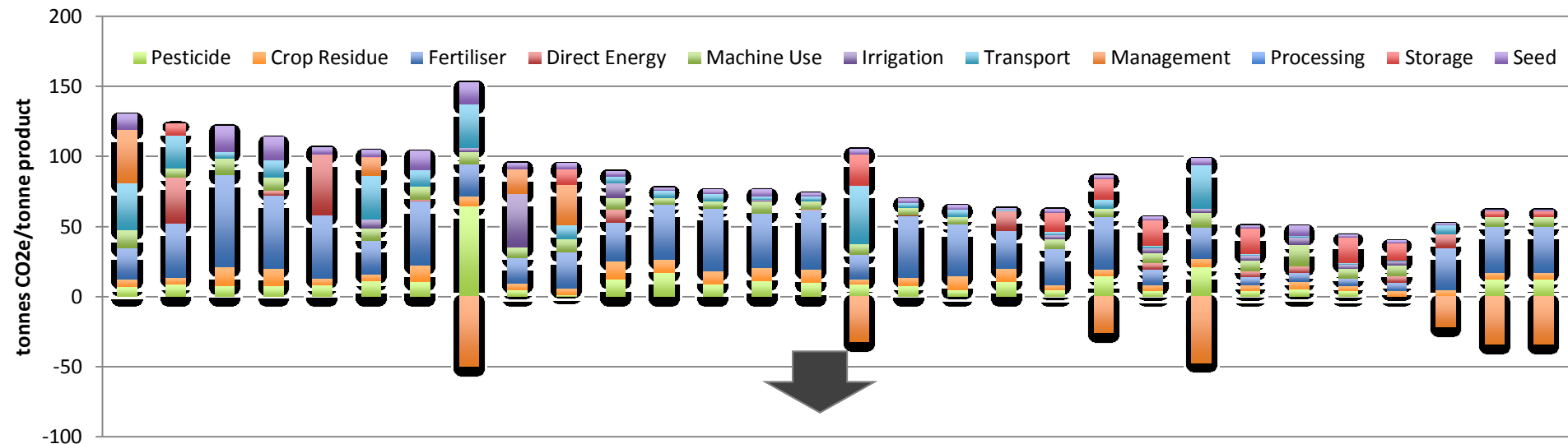
Quick tab views

Drop-down data entry

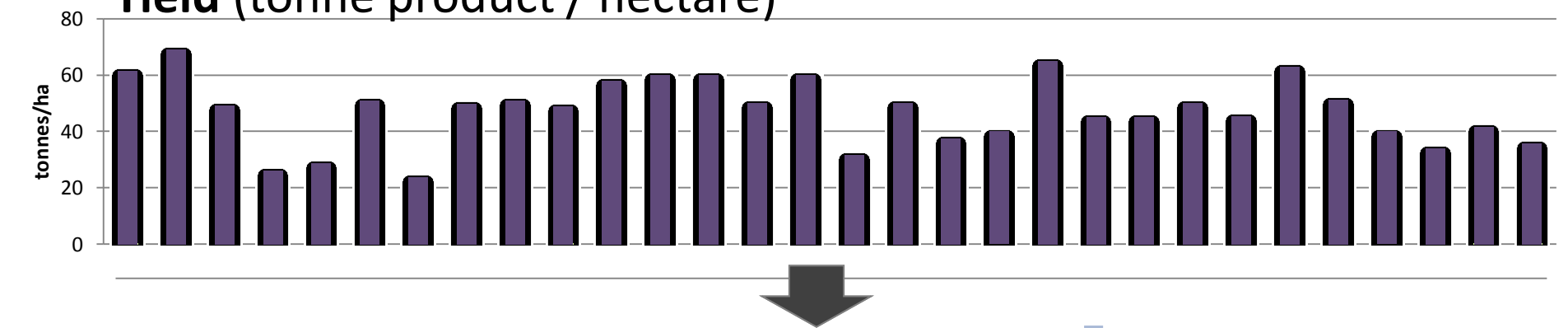
A Tool for change



Footprint (tonne CO2e / tonne product)



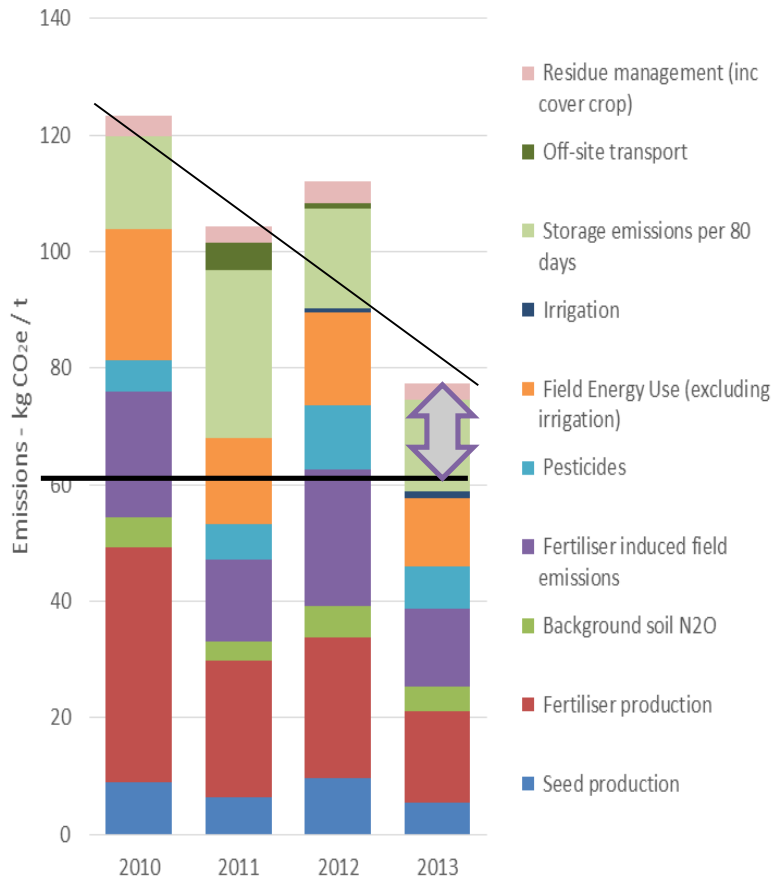
Yield (tonne product / hectare)



Inputs (kg Nitrogen applied / hectare)



Pepsico's Cool Farm Tool Achievement



- Baseline - 123 kgCO₂e/t
- 2013 crop – 81 kgCO₂e/t
- 34% reduction
- Target – 62 kgCO₂e/t



PEPSICO

Benefits of rewarding common interests

Modelling



- Yield
- Nutrient regime
- Residue mgmt
- Land conversion
- Tillage practices
- Cover crops
- Agroforestry
- Energy efficiency

Management actions





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simon@coolfarmtool.org

@coolfarmtool

Annual meeting: 17th March 2017, Oxford UK



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

EIP-AGRI Workshop 'Tools for environmental farm performance'

All presentations & background
documents are available
on the [event webpage](#).

www.eip-agri.eu

