



Victor Carbajal Perelló
Horizon thematic network 'Nutri-Know'

Funded by the European





Activities targeting the uptake of Operational Group projects (OGs) outcomes

7th SoiKE meeting

Coordination team

Victor Carbajal Perelló (BETA TC, UVIC/UCC)

12th November 2024

























Contextual Challenge: NUTRIENT MANAGEMENT

Home / News / Agrifood / CAP reform / EU is too dependent on animal feed and fertiliser imports, warns Parliament study

EU is too dependent on animal feed and fertiliser imports, warns Parliament study

By Sofia Sanchez Manzanaro | Euractiv () Est. 3min

篇7 mar 2024

MEPs want to bring down their prices

"EU should be less dependent on imported fertilizers"

The European Parliament urges the Commission to ensure the supply of fertilisers, take action to bring down prices, and increase the EU's strategic autonomy in fertilisers.

Europe's fertilizer demand struggling amid high gas costs, cheaper imports





Aura Sabadus (Senior Journalist), ICIS









02 February 2024 by Diego Giuliani

Reuse or let die. Crucial for life but threatening if in excess: the nutrient challenge









Essential for life but threatening for the environment if in excess. The nutrient challenge and the circular response: turning them from waste into biofertilizers to tackle pollution and feed the world's growing population

Recovering Nutrients To Save The Planet: The Fertilizer Challenge

☆ July 31, 2023
● 0 Comments

By Eurasia Review

Home / News / Agrifood / Sustainable food systems / EU stalls on strategy to curb nutrient losses

EU stalls on strategy to curb nutrient losses

By Julia Dahm | Euractiv.com () Est. 4min

= 8 nov 2023 (updated: **=** 13 nov 2023)

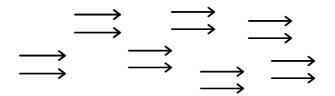




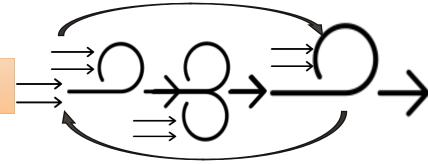


Knowledge Paradigm

Knowledge Linearity
Approach



Knowledge Circularity Approach



ADDED VALUE

- Considering Experience
- Aggregating Knowledge
- ☐ Identifying New Challenges
- ☐ Increasing Lifespan of Innovations





Capitalisation

Process Overview

Combines research outcomes to broaden impact

Involves knowledge sharing and raising awareness

Maximises impact through new knowledge generation

Supports policy development and circularity

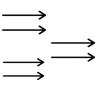
Promotes re-use, knowledge transfer, and improved performance





Knowledge Challenge

EIP-AGRI Operational Groups



KNOWLEDGE

What we know



RecommendationsProducts Innovative Technologies Tools



Collecting, translating, and sharing easy-to-understand and practice-oriented knowledge



GAP



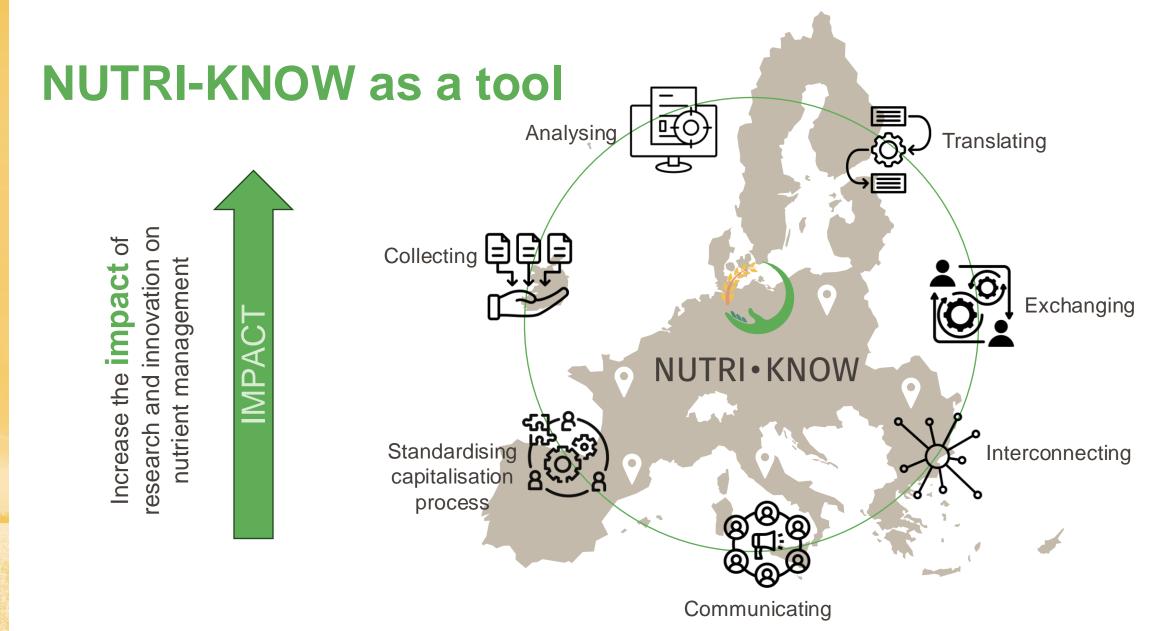
















NUTRI-KNOW Project

Call: HORIZON-CL6-2022-GOVERNANCE-01 (Innovative governance, environmental observations and digital solutions in support of the Green Deal)

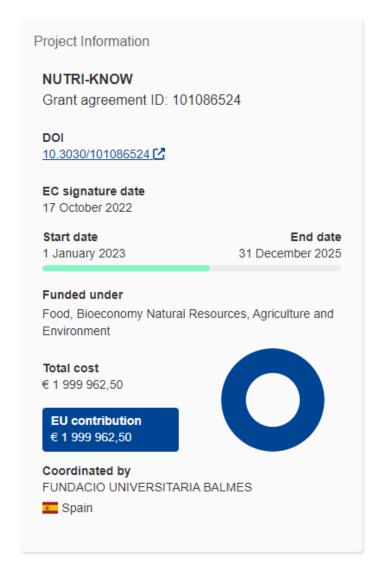
Topic: HORIZON-CL6-2022-GOVERNANCE-01-13

Type of Action: HORIZON-CSA

Proposal number: 101086524

Duration: 3 years (36 months)

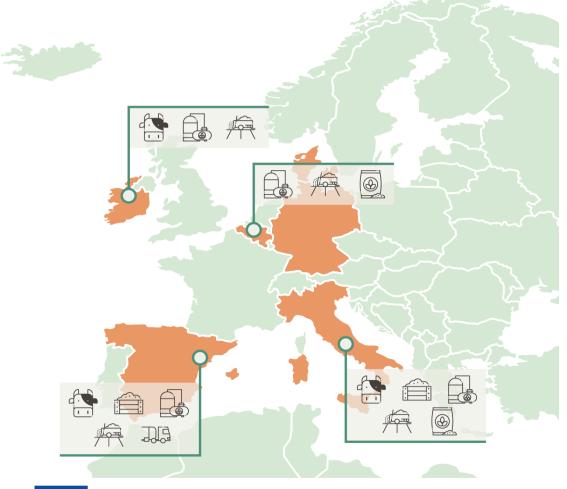
Budget: € 1 999 962,50



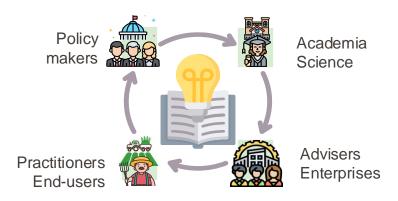




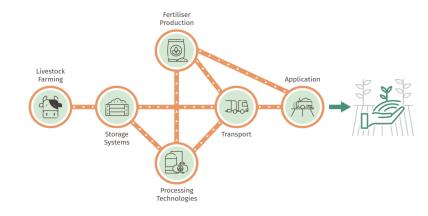
NUTRI-KNOW APPROACH



MULTI-ACTOR APPROACH



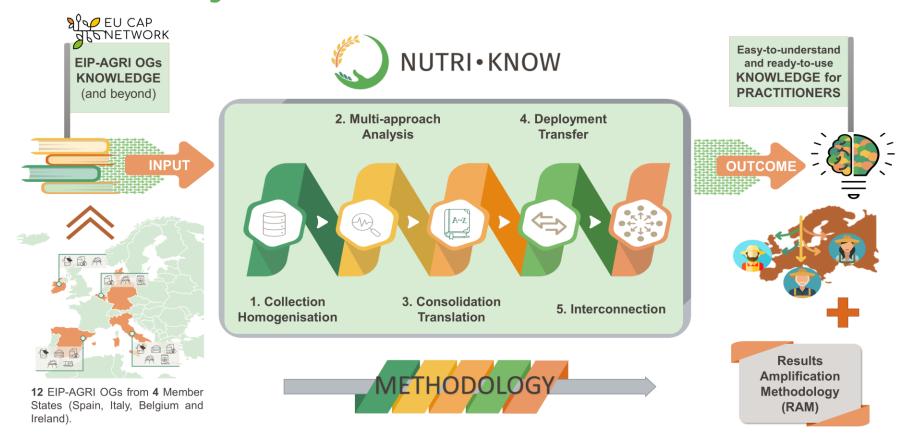
CONCEPTUAL APPROACH







General Project Overview



With this approach, NUTRI-KNOW aims to bridge the knowledge-to-application gap, fostering a sustainable and dynamic agricultural sector.





Collection & Homogenisation: Knowledge

STRUVITE (IT) GAS LOOP (IT) RENURE (BE) SOS_AQUAE **POCKETBOER 2** (IT) (BE) Grass2Algae FERTICOOP-GO (BE) (ES) Manure MOPS (IE) Management Tool (ES) Slurry **Duncannon Blue** Concentrator Flag Farming (IE) (ES) Biorefinery Glas (IE)





Stakeholder engagement

Main Target groups

































In-person short trainings











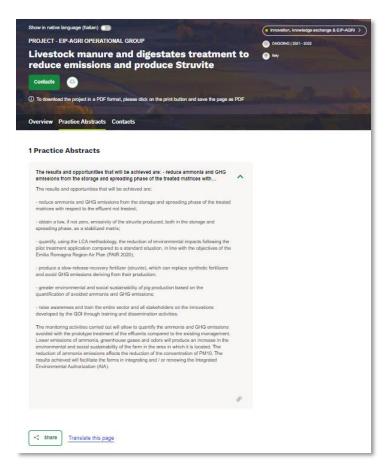




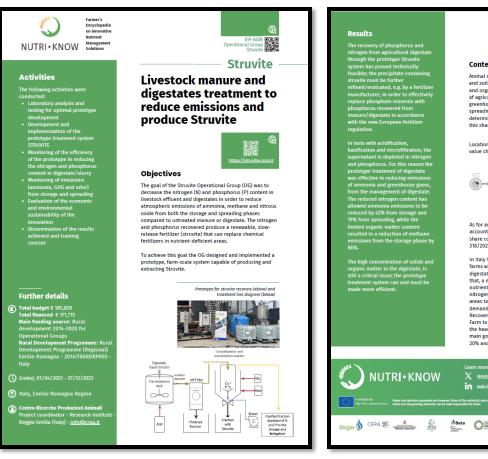


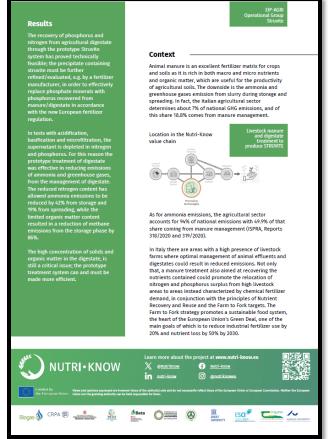
Practice Oriented Material: NUTRI-KNOW Practice Abstracts

EIP-AGRI common format



NUTRI-KNOW format

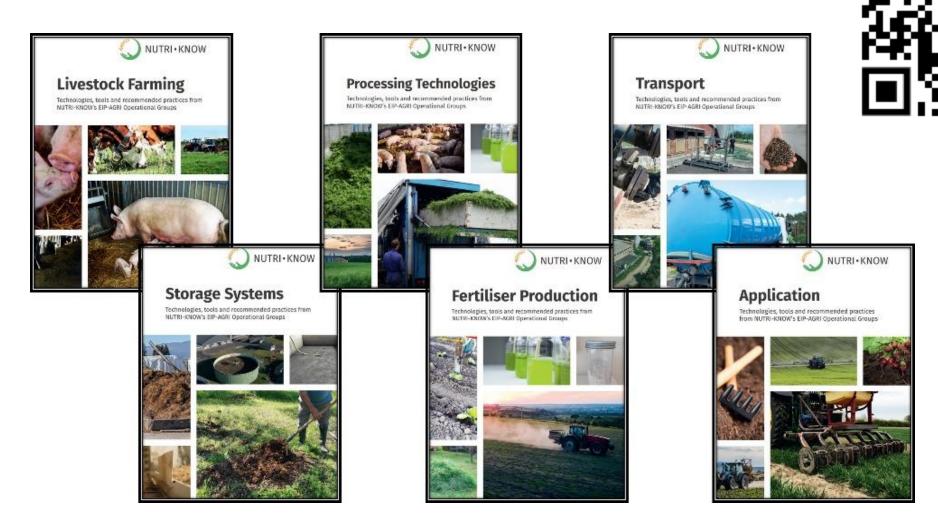








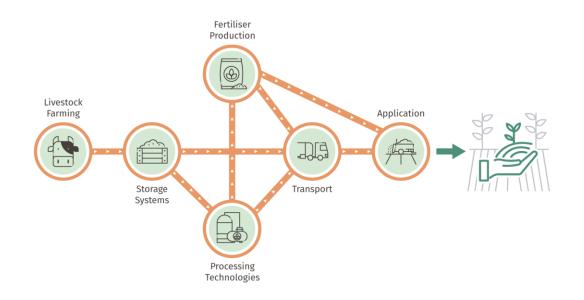
Practice Oriented Material: NUTRI-KNOW Booklets







NUTRI-KNOW series of Webinars





List of webinars

1- Introductory webinar (08/10/24)

2- Livestock Farming (15/10/24)

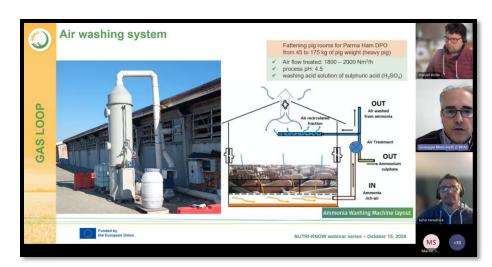
3- Storage Systems (19/11/24)

4- Processing Technologies (29/10/24)

5- Fertiliser Production (05/11/24)

6- Transport (12/11/24)

7- Application (22/10/24)



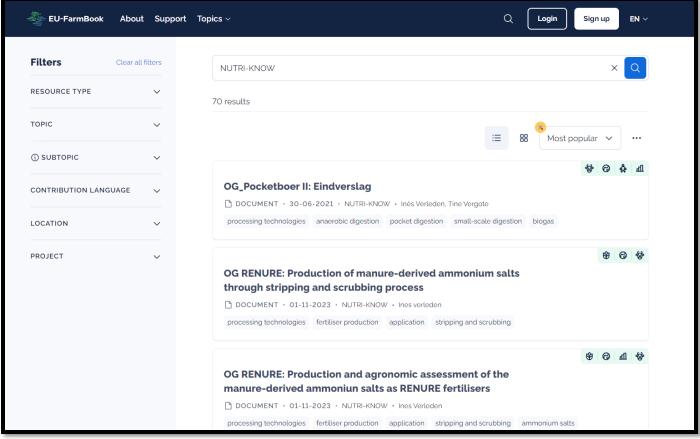




Contributors to the EU-FARMBOOK



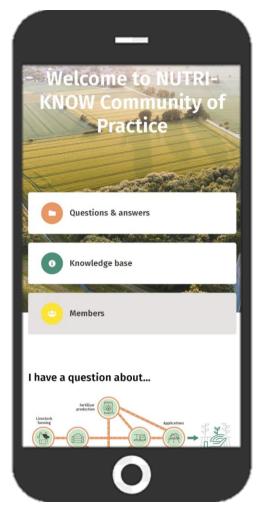








NUTRI-KNOW CoP

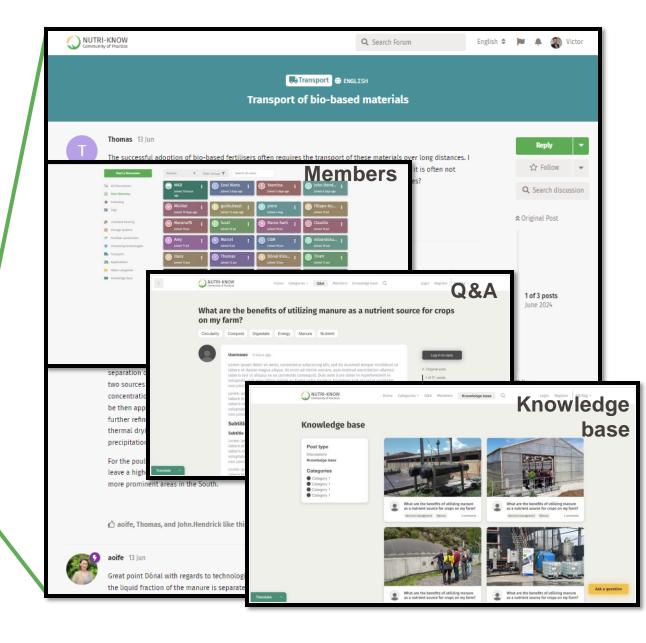


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Thank you!

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12/11/2024

Learn more about us at www.nutri-know.eu

































Subgroup on Innovation and Knowledge Exchange (SolKE)

7th meeting
12 November 2024

All results and presentations are available on the event webpage:

Subgroup on Innovation and Knowledge Exchange (SoIKE) - 7th meeting | EU CAP Network

