



NUTRIMAN

NUTRIent MANagement and Nutrient Recovery Thematic Network
From innovation to practice: the Farmer Platform as an inventory for recovered organic and low input fertiliser solutions.

www.nutriman.net



@NUTRIMANnetwork

Invitation for Online Final Conference

16 September 2021 | 09:00 – 17:00 |

Platform: MS TEAMS

The NUTRIMAN project's first phase 2018 through 2021 is coming to its end and it is ready to present its interesting results! The final conference will take place as an online event on 16 September 2021 at 09:00-17:10 CET.

We cordially invite all stakeholders and interesting parties to attend the NUTRIMAN closing event.

For more information: <https://nutriman.net/conference>

Coordinator contact: Edward Someus, 3R-BioPhosphate Ltd.

conference@nutriman.net or <https://nutriman.net/contact>

Event registration: <http://eepurl.com/hAM-Qj>



The NUTRIMAN Final Conference will be an online event (MS Teams) free of charge. All registering partners will receive a link to join the NUTRIMAN Final Conference by e-mail 1-2 days before the event.

Registration deadline: 15 September 2021

You're invited to join a Microsoft Teams meeting

Title: NUTRIMAN final conference September 16, 2021

Time: Thursday, September 16, 2021 9:00:00 AM Central European Summer Time

<https://teams.microsoft.com/join/19%3aGn8exEDTA2uvQ5ct9I5jJwMX5tM-Kol19zHdfHcj4hg1%40thread.tacv2/1631715941842?context=%7b%22Tid%22%3a%22a295be64-8784-405a-9334-776b570f1d3f%22%2c%22Oid%22%3a%22ff95c7e6-4e64-45e0-951b-76c0c7cd2cc1%22%7d>

IMPORTANT PRACTICAL INFORMATION

- ✓ The MS TEAMS link will open at 08:30. Please link to the MS TEAMS event at least 15 minutes before the event start at 08:45 at the latest or earlier.
- ✓ **Please mute your microphone and video camera as well.**
- ✓ This event is recorded. Please check GDPR conditions.
- ✓ We need to keep the time for presentations and short Q/A sessions.

For presenting partners: Please share your presentations from your computer.

About the NUTRIMAN project

Agriculture and the food industry have a high dependence on resources in their production and striving for long-term sustainability. In this context, there is an urgent need to optimise resource use and smooth the transition to knowledge-driven agriculture. The NUTRIMAN project is supporting the need to spread knowledge and network information towards agricultural practitioners about the insufficiently exploited N/P recovery innovative research results (technologies, products, practices). The project objective is to improve the exploitation of the N/P nutrient management/recovery potential for the ready-for-practice cases not sufficiently known by practitioners.

NUTRIMAN is a Nitrogen and Phosphorus nutrient management and nutrient industrial recovery thematic network, which is **compiling ready-for-practice knowledge, e.g. sharing advanced research/development results that are market-ready but not yet known by farmers/users**. The recovered N/P innovative fertilisers hosted in the [Farmer Platform](#), are being produced from un-exploited resources of organic or secondary raw materials in line with the circular economy model. All the nutrient recovery products and technologies are in full compliance with the new [EU fertilising products regulation EU 2019/1009](#), which will be implemented from July 16, 2022. This conference will focus on summarising, sharing and presenting the three years project results. The approach is 'bottom-up' and the focus will be put on the most urgent needs of farmers. The demand-driven innovations for agriculture related to crop production are ready "ready for practice" and commercial market introduction, that is supporting the interest and benefits of the users and farmers.

All these NUTRIMAN web Farmer Platform nutrient recovery product and technology innovations demonstrating full compliance with the new EU Fertilizing Products Regulations EU 2019/1009 already now, which will be implemented from July 16, 2022, and linked to EIP-AGRI and ensure larger willingness to adopt innovations and improve multiplier effects.

About NUTRIMAN: thematic network compiling practical knowledge ready for practice in the field of Nitrogen and Phosphorus recovery by “ready for practice” and high TRL maturity innovative technologies/products, which meet the Fertilizing Products Regulation (EU) 2019/1009 beyond 2022. We summarize, share and present existing best market competitive practices and commercial application driven research results that are near close to being put into practice, but not sufficiently known or used by practitioners. Innovative solutions highlighted on the FARMER PLATFORM <https://www.nutriman.net/farmer-platform>

Highlights for NUTRIMAN results and impacts:

- 1) **Collection and distribution of easily accessible practice-oriented knowledge** on the N/P recovery thematic area, including delivering “practice abstracts” in eight languages in the common EIP-AGRI format and audio-visual materials;
- 2) **Conserving the practical knowledge** for the long term ten years beyond the project period >2031 and using the main trusted dissemination channels which farmers consult most often, and also serve education/training purposes;
- 3) **Increasing the flow of practical information between farmers** in Europe in a geographically balanced way, creating spill-overs and taking account of the differences between territories; and
- 4) **Achieving greater user acceptance of collected Farmer Platform solutions** on the NUTRIMAN web www.nutriman.net and more intensive dissemination of existing knowledge.

We are highly interested in your opinion, your questions about the NUTRIMAN project/content and/or your proposals to improve this thematic network next 10 years <2031. Please use MS TEAMS chat box during the event to rise short and objective driven questions and/or send an email to biochar@3ragrocarbon.com. We will respond and follow up all your questions after the event.

After the project end, the NUTRIMAN Farmer Platform will remain open for the next 10 years, offering new business opportunities while promoting advanced innovative N/P recovery solutions.

Conference programme

<p>09:00 – 09:35</p>	<p><u>The importance of the nutrient recovery</u></p> <p>Key note speakers: Mr. J�r�my Pinte, EU DG Grow, Research and Innovations, “Exploring the New Fertilising Products Regulation – FPR” (15 minutes) Ms. Branwen Miles, Copa and Cogeca, “Bringing innovation and tools closer to farmers” (15 minutes)</p> <p>Moderator: Edward Someus Coordinator (3R-BioPhosphate Ltd.)</p>
<p>09:35 – 10:00</p>	<p>Summary of the NUTRIMAN Nitrogen and Phosphorus Thematic network project and measurable results. Q/A discussion 10 minutes.</p> <p>Edward Someus, Coordinator (3R-BioPhosphate Ltd.)</p>
<p>10:00 – 11:10</p>	<p>KNOWLEDGE COLLECTION</p> <p>Collection and evaluation of innovative N, P nutrient recovery technologies and novel N, P fertiliser products and practices, both by experts and by the potential end-users. Q/A discussion 10 minutes.</p> <p>Moderator: Prof. Dr. Erik Meers (University of Gent, Belgium)</p>
<p>11:10 – 11:20</p>	<p>Break</p>
<p>11:20 – 13:00</p>	<p>SPREADING KNOWLEDGE</p> <p>NUTRIMAN approach for knowledge transfer to farmers: from EIP-AGRI abstracts to training materials (15 minutes) (Massimo Pugliese, University of Torino)</p> <p>Presentation of the 25 selected technologies/products (15 minutes) (Massimo Pugliese, University of Torino).</p> <p>Special focus on cases:</p> <ul style="list-style-type: none"> - ID192 BioPhosphate and ID1541 Terra Preta biochar (15 minutes) (Edward Someus, 3R); - ID250, ID251, struvite (15 minutes) (Francisco Corona Encinas, CARTIF); - ID208, ID293, struvite (15 minutes) (Sofia Grau, DAM); - ID272 compost, ID264 digestate (15 minutes) (Christophe Boogaerts, VLACO). <p>Q/A discussion 10 minutes.</p> <p>Moderator: Prof. Dr. Massimo Pugliese (University of Torino, AGROINNOVA, Italy)</p>
<p>13:00 – 13:30</p>	<p>Lunch</p>
<p>13:30 – 15:30</p>	<p>DEMONSTRATION AND DISSEMINATION OF KNOWLEDGE</p> <ul style="list-style-type: none"> • Introduction to the Farmer Platform (15 minutes) (Edward Someus, 3R) • NUTRIMAN approach for the organisation of workshops, demonstrations and knowledge exchanges (15 minutes) (Sander Vandendriessche - INAGRO) <p>Results of some of the demo trials and events carried out using some of the products selected by the NUTRIMAN project (75 minutes):</p>

	<ul style="list-style-type: none"> • Demonstration of innovative biofertilisers use in Italy (15 minutes) (Massimo Pugliese – University of Torino) • Demonstration of farm composting and greenhouse trial for phosphorus efficiency in fertilisers with recycled P (15 minutes) (Fien Amery – ILVO) • Demonstrating the fertilising effect of bio-products; two cases in France (15 minutes) (Jean-Philippe Bernard CA17) • ID1343 Manure separation by decanter centrifuge (15 minutes) (Jake Deighton, GEA) • ID668, ID667 N recovery and ammonium sulphate products (15 minutes) (Dr. Ute Bauermeister. GNS – Gesellschaft für Nachhaltige Stoffnutzung mbH) <p>Q/A discussion 10 minutes. Moderator: Franky Coopman (INAGRO)</p>
15:30– 15:40	Break
15:40 – 17:00	<p>NETWORKING ACTIVITIES with CHAMBERS AGRI and POs</p> <p>Bidirectional interactions with farmers. Identified bottlenecks for adaptation of innovative methods and incorporate the knowledge of farmers. Bottom up approached 2 ways communication operations, actual cases and results. Networking with Chambers of Agriculture, Producers Organisations and ZLTO Southern Agriculture and Horticulture Organization.</p> <ul style="list-style-type: none"> • Information, Dissemination and Bi-directional communication of the NUTRIMAN project among farmers (Ka-Ho Yim APCA, Eriselda Canaj, AREFLH). Q/A discussion 15 minutes. <p>Moderator: Martine Dellevoet (Southern Agriculture and Horticulture Organization ZLTO)</p>
17:00 – 17:10	<p>CLOSING SUMMARY</p> <p>Moderator: Edward Someus (3R)</p>



IMPORTANT: NUTRIMAN would like to know your opinion!

We are highly interested in your opinion, your questions about the NUTRIMAN project/content and/or your proposals to improve this thematic network next 10 years. **Please use MS TEAMS chat box during the event to rise short and objective driven questions or send an email to biochar@3Ragrocarbon.com** . We will respond and follow up all your questions after the event.

We also kindly ask you, that before the event, to fill the MINI SURVEY:

<https://nutriman.net/farmer-survey>

(1 minute only) at as many as possible innovative technologies and products:

<https://nutriman.net/farmer-survey/product-mini-survey-categories>

<https://nutriman.net/farmer-survey/technology-mini-survey-categories>

We also encourage you to share the mini survey link with your network!

Thank you for your cooperation!