



## Which recycled nutrients for Organic Farming? and why?

Monday 18th September 2023, 14h00 - 17h00

Participants = online. Speakers and moderators in Brussels (if convenient) or online
Participants: representatives of Organic Farming organisations from across Europe

v47/8/23 - Registration: https://www.eventbrite.it/e/which-recycled-nutrients-for-organic-farming-and-why-tickets-684651490037

Europe has strong Green Deal ambitions to develop Organic Farming. At the same time, Russia's war of aggression has caused a mineral fertiliser supply and price crisis. This does not directly impact Organic Production, but has implications for food security and inflation and accentuates the need for Organic Farming to optimise use of recycled nutrients, in coherence with Organic Farming's environmental objectives. Recycled struvite and precipitated phosphates have been added into the list of authorised inputs as fertilisers in EU Organic Farming, with appropriate limitations (January 2023\*). Certain other recycled nutrients are already authorised, again with conditions.

This meeting will discuss which further recycled nutrient products might be appropriate for Organic Farming, based on practical examples, and under what conditions they might be considered for addition to the EU Organic Farming regulations. The objective would be to then put proposals forward to EGTOP and to the European Commission, and to define what further information might be needed.

\* Commission Implementing Regulation (EU) 2023/121 of 17 January 2023 amending and correcting Implementing Regulation (EU) 2021/1165 authorising certain products and substances for use in organic production and establishing their lists HERE.

14h00 - Opening – Eric Gall, Deputy Director, IFOAM Organics Europe	5
Summary of RELACS conclusions and outputs and presentation of the FiBL "Reflections Paper" of 29/9/2021:	15
Else Bünemann-König, FiBL	13
Current status of recycled nutrient materials and products in 2021/1165, recent updates, previous EGTOP Opinions: Frank Willem Oudshoorn, Aarhus Innovationscentre for Okologisk Landbrug and EGTOP	20
Discussion of 4 key questions – moderator Andrea Beste, Gesund-Erde, Germany	
solubility / plant availability of nutrients	
<ul> <li>origin of raw materials (sewage, manure, food waste) and limitations</li> </ul>	45
chemicals used in recovery process and LCA	
contaminants and safety	
Break	20
Discussion of example "pending" recycled nutrient products – Eric Gall, Deputy Director, IFOAM Organics	
Europe	0
In each case, 3-minute presentation of the recycled nutrient product by a producer / technology provider / recycler (addressing in particular the 4 questions above). Then questions and discussion.	
• Calcined phosphates (EGTOP Opinion 2/2/2016) – Julian Künstler, Metso Outotec & Ludwig Hermann,	
Proman	40
- chemicals and environmental impacts of nutrient recovery process	10
- nutrient plant availability / solubility - contaminants and safety	
Biochars from food waste, food industry wastes - Helmut Gerber, Pyreg and Donata Chiari, European	
Biochar Industry Consortium	
- contaminants and safety	10
- link to EU Fertilising Products Regulation	
Inorganic phosphate fertilisers derived from sewage sludge and slaughterhouse ashes – Lucas van der Saag, ICL Growing Solutions - chemicals and environmental impacts of nutrient recovery process	10
• Recovered ammonium sulphate from sewage treatment, food waste digestate - Denis De Wilde, Detricon,	
Christophe Bonvin, Membratec and Gunnar Thelin, Ekobalans	
- chemicals and environmental impacts of nutrient recovery process: sulphuric acid = industrial by-product	10
- nutrient plant availability / solubility	
- desirability of recycled nitrogen for Organic Farming and <u>EGTOP Opinion June 2018</u>	
Fertilisers from aquaculture and other marine waste:      Kristor Hageström, FacyMining Page Solls, secondary putrients from aquaculture (fich form sludge).	
Krister Hagström, EasyMining RagnSells - secondary nutrients from aquaculture (fish farm sludge)  Anne-Kristin Loes, Norsok acceptability of secondary nutrients from seafood processing	10
Question: is aquaculture considered to be "factory farming origin"?	
Outline of some other "pending" recycled nutrient products: Chris Thornton, ESPP	5
Discussion and conclusions. Next steps.	20
Close 17h00 - Total	180
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