



Nutri2Cycle

Transition towards a more carbon and nutrient efficient agriculture in Europe



Newsletter - September 2020

[Nutri2Cycle updates](#)

Nutri2Cycle at ESNI 2020

The Nutri2Cycle project will be present together with other four other EU projects members of the [Biorefine Cluster Europe](#) at the European Sustainable Nutrient Initiative (ESNI) 2019 conference to raise awareness on the essential role of nutrient recycling in the transition towards circular economy systems. More information on how to register [here](#).



ESNI 

 European Sustainable Nutrient Initiative



Join us online on 27 October





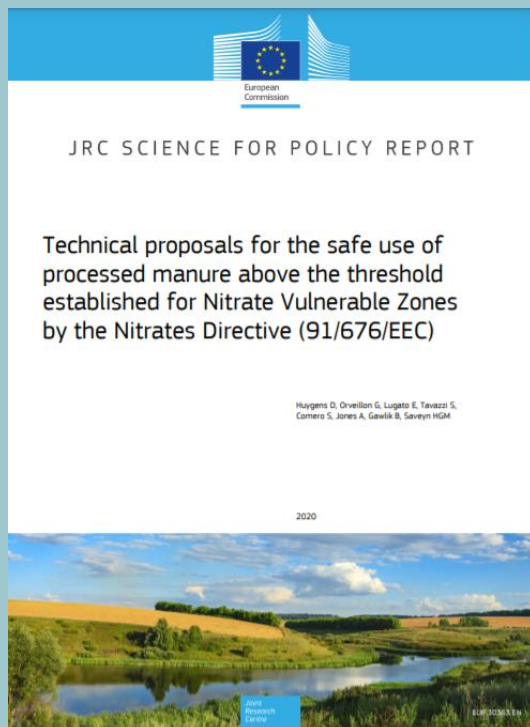







Updates on policy

JRC report on "Technical proposals for the safe use of processed manure above the threshold established for the Nitrate Vulnerable Zones by the Nitrate Directive"



The final JRC report on ' Technical proposals for the safe use of processed manure above the threshold established for nitrate vulnerable Zones by the Nitrate Directive' has been recently published.

The report is aimed at defining the criteria allowing the use of nitrogen fertilisers, partially or entirely derived from livestock manure through processing in Nitrates Vulnerable Zones subject to the ceiling of 170kg N/ha/yr as defined by the Nitrates Directive. This should ensure that the technological and market developments for the recycling of nutrients are in line with the objective of protecting water bodies against pollution originating from livestock manure.

Check more [here](#)

Nutri2Cycle updates

A demo-day to enhance the interaction between different sectors

During a demo-day on one of the Nutri2Cycle innovations, we brought together involved and interested stakeholders with a background in the agricultural, public, industrial and scientific sector. The innovation that played a central role during this day aims to analyse the effect of different bio-based fertilisers on potato yield. Read more [here](#).



Research updates from Nutri2Cycle partners

Updates from Instituto Superior de Agronomia ISA

The recent activities developed under the solution “**Blending of raw and treated organic materials to produce organic fertilizers (NPC)**” aimed to evaluate a broad range of manure-based materials (manures, slurries, and the treated slurries) to assess their potential to be blend and allow the production of a crop-tailored fertilizer, with N:P:K ratios similar to those present in commercially available products.

Read more [here](#).



Recent activities developed under the solution "**Recovered Organic Materials and Composts for Precision Fertilization of Permanent Crops**".

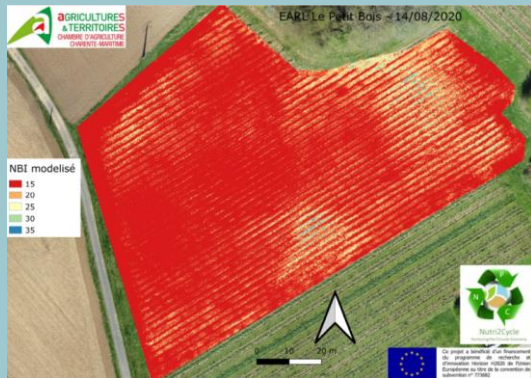
In this first year of trials, we focused our work in two separate fields, an apple orchard and a vineyard. In the apple orchard, we evaluated the effects of organic materials application as partial substitution of mineral fertilizers.

Know more [here](#).

Updates from the Charente Maritime CA17

Nutri2Cycle partners updates

Recovered organic materials and composts for precision fertilization of permanent crops



The chamber focuses and encourages the substitution of mineral fertilizers by the farm's organic residues at the farm level. This goes in-line with the European strategies and guidelines towards the production of biobased fertilizers and soil improvers. Within the Nutri2Cycle project, the Chamber of agriculture – Charente Maritime CA17 has engaged two demonstration plots at two farms on its territory for the application of biobased fertilizers. Continue reading [here](#).

Nutri2Cycle updates

Nutri2Cycle project in a short video by IPS Konzalting



NUTRI2CYCLE project will provide an essential contribution to the circular economy by closing nutrient loops

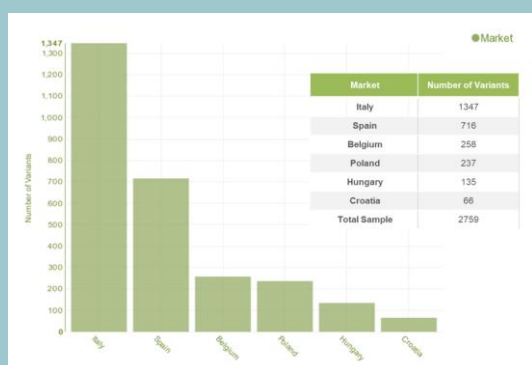
Nutri2Cycle highlights

- [Download and share Nutri2Cycle brochure](#)
- [Check project updates on the website](#)

- [Share with us your news on nutrient recycling developments!](#)

News from WP5

Updates on the report with results of meta analysis and sustainability labeling



One objective of Nutri2Cycle project is to evaluate how agro-products obtained via more sustainable processes can aim for ecolabelling, and how this could affect consumer behaviour. To achieve this objective, techniques of meta-analysis have been applied throughout task 5.3 to study the relationship between product familiarity and consumers' external search activity. Continue reading [here](#).

News from Nutri2Cycle National Task Forces

NTF Brochures

PUBLICATIONS
from the National Task Forces

All Articles Brochures Press Releases

30 09 2020 Spanish NTF Brochure

30 09 2020 Portuguese NTF Brochure

30 09 2020 Polish NTF Brochure

30 09 2020 Dutch NTF Brochure

The National Task Forces (NTF) from all Nutri2Cycle member states (BE, NL, DK, DE, IR, ES, PT, HR, PL, FR, HU) prepared a brochure in their local languages highlighting the most interesting progress in the project and operational groups concerning organic carbon cycling

and closing N, P loops.
Check out these brochure [here](#).

Nutri2Cycle updates

PhD Students within Nutri2Cycle



Ms. Danuta Drózdź is a PhD candidate in the joint PhD program with Częstochowa University of Technology (Poland) and Ghent University (Belgium) within the Nutri2Cycle project. Research work is carried out in the laboratories of both universities. Ms. Danuta Drózdź is supervised by Prof. Erik Meers and Dr inż. Krystyna Malińska.

Read more about Danuta's work [here](#).

Recent publications

Do organic and recycled nutrient sources stack up in arable cropping?

Read full [article](#) from TEAGASC.

Know more about **Circular agriculture and sustainable soil management**.

Check our WUR presentation at the Aapresid Conference [here](#).

Nutrient recycling events!



PERM - ESPP | 15.06.2020

Vienna, Austria

[See details](#)



5th Biogas Congress | 07.12.2020

Rawa Mazowiecka, Poland

[See details](#)



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