

Event webpage: slides, Chat transcript

[www.phosphorusplatform.eu/algae2021](http://www.phosphorusplatform.eu/algae2021)

Recording replay

ESPP's YouTube channel <https://www.youtube.com/channel/UCMid-39AIMT-3pzjoY58qjQ>

## Regulatory questions around waste-derived algae & nutrient recycling

Monday 22<sup>nd</sup> March 2021, 09h00 - 13h00 (Paris time, CET)

08h30 – technical setup session, speakers and panellists only	
<b>60''</b>	<b>Opening plenary: 9h00 – 10h00 (CET)</b>
5''	Opening, timing, housekeeping: Maurizio Cocchi, <a href="#">ETA Florence Renewable Energies</a> , webinar moderator Welcome: Ludwig Hermann, President, <a href="#">ESPP</a> .
5''	Overview of waste-related algae production, nutrient recycling routes, current states of development and potential markets: Vitor Verdelho Vieira, General Manager, <a href="#">EABA</a> (European Algal Biomass Association).
3''	Development of algae industry in Norway, nutrient supply sources, products, markets, challenges: Joshua Fenton Cabell, <a href="#">NIBIO</a> .
3''	Algae to remove and recover nutrients from municipal wastewater, industrial potential, state of development: Pete Vale, Severn Trent Water UK and <a href="#">UKWIR</a> (UK Water Industry Research).
3''	Risk assessment of contaminants in algae grown in wastewaters: Giuliana d'Imporzano, University of Milan, <a href="#">SABANA</a> (Horizon2020).
3''	Algae harvested from eutrophic waters, waste or crop? Gang Pan, Nottingham Trent University UK.
3''	Value added products from seaweed, regulatory questions and waste status: Pi Nyvall, Olmix, Brittany.
3''	Overview of CO2 capture in the cement industry using microalgae and their subsequent uses, Frédérique Ferey, <a href="#">LafargeHolcim</a>
3''	Pilot testing of CO2 fixing by algae for Cementa AB, Heidelberg Cement, Catherine Legrand, <a href="#">Algoland</a> /Linnaeus University, Sweden.
3''	Microalgae for capture of CO2 and for wastewater nutrient removal: Pierre-Olivier Descamps, Suez.
3''	Regulatory questions raised by the <a href="#">Grass2Algae project</a> (Flanders), agricultural grass juices to feed microalgae, Marcella Fernandes de Souza, University of Gent, Belgium.
20''	Questions and discussion

<b>40''</b>	<b>Technical session n°1: EU Fertilising Products Regulation and REACH: 10h15– 10h55 (CET)</b>
5''	Algae and micro-algae, and materials derived from them, in the EU Fertilising Products Regulation, current status (CMCs 1, 2, 3, 5, 7, 11), including REACH requirements: Theodora Nikolakopoulou, European Commission, DG GROW.
3''	Algae and algae derived materials in composts, digestates and organic fertilising products: Leon Fock, <a href="#">Eurofema</a> .
3''	Microalgae bio-based fertilisers / biostimulants from waste streams, including projects TL-Biofer LIFE and <a href="#">Urbiofin H2020</a> BBI: José María Gómez, Biomasa Peninsular
3''	Regulatory questions for valorisation of microalgae grown in municipal wastewater based on <a href="#">Phos4You</a> (Interreg) experiences: Ania Escudero, Glasgow Caledonian University.
3''	Algae as Biofuel – for vehicles and plants: carbon positive circular economy: Frank Rogalla, FCC Aqualia, Spain ( <a href="http://www.all-gas.eu">www.all-gas.eu</a> and <a href="http://www.eu-sabana.eu">www.eu-sabana.eu</a> )
20''	Questions and discussion

40''	<b>Technical session n°2: Waste status and other regulatory challenges for waste-related algae and materials derived from them: 11h15– 11h55 (CET)</b>
5''	Overview of EU rules on waste & by-products, work underway on end-of-waste under the EU Circular Economy Action Plan: Caroline Attard, European Commission, DG ENVI.
3''	Regulatory questions around algae grown in poultry farm wastewater: Floris Schoeters, Radius - Thomas More, Circular Flanders project.
3''	Use of digestates to cultivate microalgae for use in animal feed, <a href="#">ALG-AD</a> (Interreg) project, Claudio Fuentes Grünewald, Swansea University UK.
3''	Biostimulants and fertilisers from the algae cultivated in wastewater, <a href="#">Water2Return</a> (Horizon2020): Robert Reinhardt, <a href="#">AlgEn</a> (Algae Technology Centre), Slovenia.
3''	Regulatory questions raised by <a href="#">Saltgae</a> (Horizon2020, Algae to treat saline wastewater: Silvio Mangini, Archimede Recherche
20''	Questions and discussion

40''	<b>Plenary - 12h15 – 12h55 (CET)</b>
5''	EU algae initiative "Blue bioeconomy - towards a strong and sustainable EU algae sector": Maris Stulgis, European Commission, DG MARE
3''	Not just algae: experience and potential of using duckweed for wastewater nutrient removal and then valorisation: Paul Fourounjian, ILA ( <a href="#">International Lemnae Association</a> ).
3''	Regulatory questions around valorisation in animal feed of duckweed grown in pig manure: Reindert Devlamynck, Inagro, Belgium.
10''	Summaries of breakouts by rapporteurs
20''	Questions, discussion, conclusions, possible next steps

#### Additional input slides:

- Damiano Gritti, (Severino Becagli Società Agricola – EABA): assessment of divergence between the EU Organic Farming regulation of algae and Circular Economy objectives
- Roberta Congestri, AISAM (Italian Association for the Study and Applications of Microalgae): wastes and microalgae valorisation: the AISAM perspective and regulatory challenges

#### Moderator (all sessions)

Maurizio Cocchi, [ETA Florence Renewable Energies](#)

#### Rapporteurs

##### (1) Fertilising Products Regulation & REACH:

Marie-Edith Ploteau, Lippeverband (Phos4You)  
Aurore Assaker, University of Gent and Biorefine Cluster Europe

##### (2) Waste status and other regulatory challenges:

Thomas Vannecke, Flemish Coordination Centre for Manure Processing (VCM)  
Renske Verhulst, Netherlands Nutrient Platform

#### Panellists

Pieter de Jong, WETSUS and Water Europe  
Rita Araujo, European Commission Joint Research Centre (JRC), Sustainable Resources – Water and Marine Resources  
Roberta Congestri, University of Rome, for AISAM (Italian Association for the Study and Application of Microalgae) - tbc  
John Benemann, MicroBio Engineering and ABO (Algae Biomass Organization)