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## Program ManuREsource 2019

Below, the preliminary program for 27-28 November 2019 is given. This program is still subject to changes. Please check the program regularly for the latest updates.

On 29 November, the site visits are organised. As soon as the sites to be visited are verified, this will be communicated.

An overview of the parallel sessions can be found [here](#).

### Wednesday 27 November 2019

Time	Session	Location
8:00 - 9:00	Registration and welcome coffee	PXL Congress, Binnenstraat
9:00 – 9:30	<b>Official opening</b> of ManuREsource 2019 and welcome speeches by: <ul style="list-style-type: none"> <li>• the organizing committee</li> <li>• Deputy of Agriculture, Province Limburg</li> </ul>	PXL Congress, Pacioli
9:30 - 9:45	Manure processing in Flanders	PXL Congress, Pacioli
9:45 – 10:15	<b>Results of the JRC 'SAFEMANURE' study</b> Wim Debeuckelaere, DG ENVI	PXL Congress, Pacioli
10:15 – 10:45	Coffee break and poster session	PXL Congress, Binnenstraat
10:45 – 12:30	Panel debate ' <i>Manure as a sustainable resource</i> ' <ul style="list-style-type: none"> <li>• Oene Oenema, WUR, expert sustainable soil use (NL)</li> <li>• Ludovic Peter, FEBA (BE)</li> <li>• Marina Ettl, YARA</li> <li>• Luca Zucchelli, Lombardia region, Italy</li> <li>• Paul Bol, GroentenFruitHuis (NL)</li> <li>• Violtje Lebuf, Fertikal (BE)</li> </ul>	PXL Congress, Pacioli
12:30 – 13:45	Lunch and poster session	PXL Congress, Binnenstraat
	Flash presentations by our sponsors: <ul style="list-style-type: none"> <li>• NIJHUIS/GEA</li> </ul>	

13:45 – 14:45	<ul style="list-style-type: none"> <li>• TEMA PROCESS</li> <li>• GELTZ</li> <li>• VP HOBE</li> <li>• ELSINGA</li> <li>• COLSEN</li> <li>• WATER FROM INNOVATION</li> </ul>	PXL Congress, Pacioli
14:45 – 16:00	<p><b>Parallel Session A1-4:</b> check <a href="#">overview</a>.</p> <p><b>Workshop <a href="#">Belgian Biogas Week</a> (Dutch/French)</b></p>	PXL Congress, different rooms
16:00– 16:15	Coffee break and poster session	PXL Congress, Binnenstraat
16:15– 17:30	<p><b>Parallel Session B.3, B.4.1 &amp; B.4.2:</b> check <a href="#">overview</a></p> <p><b>Workshop R&amp;D Impact : moving from innovation to capitalization</b></p> <ul style="list-style-type: none"> <li>• Evi Michels (Ghent University / Biorefine Cluster Europe, BE) <i>Clustering EU projects towards joint output &amp; communication</i></li> <li>• Annika Eskusson (European Commission, EU) <i>Developing a research and innovation strategy for an integrated and sustainable management of nutrients</i></li> <li>• Lars Stoumann Jensen (University of Copenhagen, DK) <i>LCA as guidance for selecting environmentally optimal options and scenario's towards nutrient &amp; carbon cycling</i></li> <li>• Oscar Schoumans (Wageningen University, NL) <i>Stimulating market uptake for biobased fertilisers by investing in demonstration and outreach – lessons from the SYSTEMIC project</i></li> <li>• Victor Rau Arenas (IRTA, ES) <i>Closing nutrient &amp; carbon loops – comparison on investigated innovations between CIRCULAR AGRONOMICS and NUTRI2CYCLE projects</i></li> </ul> <p><b>Workshop <a href="#">Belgian Biogas Week</a> (Dutch/French)</b></p>	PXL Congress, different rooms
19:00 – 20:30	Visit to <a href="#">Jenevermuseum</a>	Witte Nonnenstraat 19, 3500 Hasselt
20:30 – 23:30	Conference dinner at Theatercafe	Kunstlaan 5, 3500 Hasselt

## Thursday 28 November 2019

Time	Session	Location
8:00 - 9:00	Opening with welcome coffee	PXL Congress, Binnenstraat
9:00 – 9:30	<b>Presentation of the Fertiliser Product Regulation and the challenges of implementation</b> Theodora Nikolakopoulou, DG GROW	
9:30 – 10:00	<b>Development of an addendum to the Flemish BAT-document on manure processing</b> An Derden, VITO, BE	
10:00 – 10:30	<b>Synthesizing best practices and technologies for nutrient recovery and circular economy in the Baltic Sea Region</b> <i>Henning Lyngsø FOGED, Organe, DK</i>	
10-30 – 11:00	Coffee break and poster session	
11:00 – 13:00	<p><b>Round table discussions</b> on the transition towards a circular economy and manure as a sustainable resource:</p> <ol style="list-style-type: none"> <li>1. End-user demands: how to make the fertilizer products they need.</li> <li>2. Legislation aspects in terms of future manure treatment</li> <li>3. Outreach locations Systemic share their experiences</li> <li>4. How to evaluate the existing and emerging manure processing techniques</li> <li>5. Financial instruments to get the transition to nutrient recovery going</li> <li>6. Nutrient recovery in wastewater treatment: lessons to be learnt?</li> <li>7. How to organize the recycling of food system nutrients effectively and efficiently?</li> <li>8. Biochar as a tool for manure treatment: fact or fantasy?</li> <li>9. The question of scales: is (pre)treatment on the farm the way to go?</li> </ol>	

	<p>10. Mineral Fertilizer 4.0</p> <p>11. Managing manure to curb greenhouse gas emissions</p> <p>12. Is cooperation between farmers the way to go to make nutrient recovery feasible?</p> <p>13. From Manure to Duckweed: an alternative for imported protein</p> <p>More information about these tables can be found <a href="#">here</a>.</p>	
13:00– 14:30	Lunch and poster session	
14:30 – 15:45	<p><b>Parallel session C.2-4:</b> check <a href="#">overview</a></p> <p><b>Workshop Ivan Tolpe Award</b></p> <ul style="list-style-type: none"> <li>• Meers E., Ghent University, BE <i>Background and overview of innovations at the Ivan Tolpe site</i></li> <li>• Boogaerts C., VLACO, BE <i>NPiriK (Ivan Tolpe Award 2019 winner)</i></li> <li>• Hubner D., WFI, IRS <i>TAYA: total nitrogen reduction in agricultural wastewater by passive aeration (Ivan Tolpe Award 2019 nominee)</i></li> <li>• Elsinga H.-W., Elsinga, NL <i>From manure to feed (Ivan Tolpe Award 2019 nominee)</i></li> <li>• Egnér S., Fraunhofer, DE <i>BioEcoSim (Ivan Tolpe Award 2017 winner)</i></li> </ul> <p><b>Workshop: Impact of agrofood concerns on the transition of manure processing</b></p>	
15:45 – 16:15	Coffee break and poster session	
16:15 – 17:30	<p>Plenary conclusions in the presence of the press</p> <ul style="list-style-type: none"> <li>• ManuREsource 2019 Poster Award</li> <li>• Concluding remarks of the debate and round table discussions</li> </ul>	
17:30 – 18:30	Closing drink	PXL Congress, Binnenstraat

## Friday 29 November 2019

On Friday, two manure treatment installations will be [visited](#).