



Progress in Manure & Digestate 2021

International Online Conference - Program

Monday
25.01.2021

14:00*	Welcome & Introduction, <i>Michael KÖTTNER</i>
STATE OF THE ART	
14:10 – 15:40	<i>Manure processing in Germany, nutrient surpluses, practical examples, state of the art, costs, Helmut DÖHLER</i>
	Production of a solid fertilizer from an ammonium sulphate solution, <i>Nicolas HEYN</i>
	Fermentation products from a bioeconomic point of view – Results from the NoAW project, <i>Katrin KAYSER</i>
15:40 – 16:00	Break
RESULTS FROM PRACTICAL EXPERIENCE	
16:00 – 18:00	Agricultural requirements for organic fertilisers – Results of a survey, <i>Katharina LAUB</i>
	Fertilising with digestates – application, preparation and marketing, <i>Mathias HARTEL</i>
	Fertiliser and panels from digestate, <i>Thomas HELLE</i>
	Exploitation of the hidden potential of liquid manure and fermentation residues for biogas production, <i>Norbert ROSSOW</i>
18:00	End of the first day

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**Tuesday
26.01.2021**

ANIMAL MANURE AND UTILIZATION PRACTICES IN CHINA AND GERMANY	
10:00 – 12:00*	Introduction, <i>Eva STERNFELD</i>
	Development of Chinese Biogas Plants in recent Years, <i>Yi LIU</i>
	Animal manure and utilization practices in China, <i>Hongmin DONG</i>
	Efficient straw ensiling with digestate liquid, <i>Guo JIANBIN / Hui SUN</i>
	QUESTIONS
	Emission reduction in manure chain, <i>Walter STINNER</i>
	The state of manure management and biogas in Germany – A recent survey of biogas plant operators, <i>Britt SCHUMACHER</i>
12:00 – 14:00	Break
TECHNOLOGICAL INNOVATION	
14:00 – 15:30	The NuTriSep_Process for digestate utilisation, <i>Fabian GELTZ</i>
	Fermentation of problematic substrates like chicken manure in combination with the digestate evaporation Vapogant, <i>Robert OHNEBERG</i>
	L'AmmoRE – Ammonia Recovery with Lime - Ammonia recovery from digestates in the form of ammonia water using lime, <i>Harun CAKIR</i>
15:30 – 16:00	Break
16:00 – 18:00	Membrane separation with integrated electro-kinetics for performance optimisation of biogas plants and reduction of digestate, <i>Andreas LÜER</i>
	Fermentation residue refinement as a new pillar for bioenergy villages?, <i>Roland BAUBÖCK</i>
	Membrane filtration of pig manure on a pilot scale: production of a particle-free ammonium enriched solution, <i>Prantik SAMANTA</i>
	Technologies to recover nutrients, organic matter and water from manure and digestate, <i>Marieke VERBEKE</i>
18:00	End of the second day

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Wednesday
27.01.2021

LATEST DEVELOPMENTS IN AFRICA AND ASIA ON THE APPLICATION OF DIGESTATE FROM HOUSEHOLD BIODIGESTERS	
11:00 – 13:00*	Overall status, benefits and challenges on the use of bio-slurry from household biodigesters in Africa and Asia, <i>Felix TER HEEGDE</i>
	Development of a business model for value addition to bio-slurry in India, <i>Chandan GADGIL</i>
	Panel discussion on the statement: “Is bio-slurry from household biodigesters in Africa and Asia superior to manure?” - <i>Asaah NDAMBI</i> - <i>Himanshu MISHRA</i> - <i>Jan LAM</i>
	Results from the bio-slurry tick-off pilot in Uganda, <i>Michel MUVULE</i>
13:00 – 14:00	Break
RESULTS FROM PRACTICAL EXPERIENCE	
14:00 – 16:00	Treatment of digestates to produce fertilizers with added value. The production of fertilizers for the market of drip irrigation. Experiences, challenges and prospects of the market, <i>Sara MILNER</i>
	Next generation digestate treatment, <i>Thomas DREISBACH</i>
	Mitigation of manure-associated environmental impacts using anaerobic digestion and innovative manure treatment: Theory and practical application, <i>Stephen NOLAN</i>
	Integrated Ecosystem Solution for the efficient treatment of nutrient recovery from livestock waste: a practical case, <i>Carmit BERGER AHARONOVICH</i>
16:00 16:30	Break
16:30 – 18:00	Characterization of digestates from biodigestors of different scales and substrates in Chile: facts and challenges, <i>Alfredo ERLWEIN VICUÑA</i>
	Solid and Nutrient Recovery from Farm-Based Digestates Using Natural Polymers Combined with Mechanical Separation Techniques, <i>Nilofar ABDEHAGH</i>
	Simulation and modelling of biogas plant operation and project assessment with the focus on the digestate, <i>Farough MOTASEMI</i>
18:00	End of the third day

Last updated: 19th of January 2021—program subject to changes

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