

ATBEST Conference Linköping, Sweden – 7 and 8 September 2016

Biogas for the future- towards a sustainable and efficient supply chain

ATBEST Scientific Committee

<p>Professor Annika Björn Linköping University</p>		<p>Annika Björn is an assistant professor at the Department of Thematic Studies – Environmental Change and the research coordinator for process and technology development within the Biogas Research Center (BRC) hosted by LiU. Her work focusses on optimization of biogas processes, both efficiency and stability, from chemical, microbial and technical point of views.</p>
<p>Dr Francesco Ometto Scandinavian Biogas Fuels AB</p>		<p>Francesco is a research fellow and a project leader at Scandinavian Biogas Fuels AB in Linköping (SE). His projects focus on innovative substrates for biomethane fuels production with particular interest on aquatic biomasses and process optimisation. He is part of the Swedish Biogas Research Centre (BRC) and Linköping University (SE) where he is involved in research projects to develop efficient anaerobic digestion systems.</p>
<p>Dr Simon Murray ATBEST Project Manager</p>		<p>Simon is a chemical engineer who has worked at the QUESTOR centre at Queen's University Belfast since 2008. He has been involved in a variety of research projects mainly focussing on wastewater and renewable energy projects. He is currently the project manager of ATBEST, the €3.8M European funded research project on biogas sustainability.</p>
<p>Dr Laura Gil Carrera</p>		<p>Laura has worked on research projects with the Biotechnology Research Institute at the National Research Council of Canada, the Royal Botanic Gardens, Kew for Environmental Chemistry and most recently she has developed strategies to facilitate the integration of biogas into the existing gas infrastructure with Bord Gais Networks, Ireland. Laura is an environmental scientist with expertise in renewable energies and environmental engineering.</p>
<p>Dr Sepehr Shakeri Yekta Linköping University</p>		<p>Sepehr is a post-doc at the department of Thematic Studies-Environmental Change at Linköping University and the Biogas Research Center in Linköping, Sweden. He is currently involved in a project which aims to deepen the knowledge of hydrolytic reactions in anaerobic digestion processes by studying the characteristics and conversion of complex organic structures in biogas reactors. In his previous project he studied chemical speciation of sulfur and trace metals in biogas reactors with implications for bioavailability of trace metals as micronutrients for anaerobic microorganisms.</p>

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<p>Dr Beatrice Smyth Queen's University Belfast</p>		<p>Beatrice is a lecturer in the School of Mechanical and Aerospace Engineering, Queen's University Belfast, and is part of the Clean Energies Research Group. Her research is focused on the production and use of biomethane as a renewable fuel. Prior to moving to Queen's in 2013, Beatrice worked in both the public and private sectors, mainly in energy/carbon management and in geotechnical and environmental engineering.</p>
<p>Dr Michael Eisinger University of Duisburg-Essen</p>		<p>Michael is managing director of the Centre for Water and Environmental Research (ZWU) at the University of Duisburg-Essen, Germany, and responsible for the initiation and coordination of many national and international collaborative research projects. The main goal of the ZWU is to advance modern environmental research which links global societal changes and challenges (such as population growth, urbanization and megacities, climate change, water availability and sustainable energy supply) with environmental concerns and integrates their effects on human life. Michael is originally a biologist with expertise in tropical marine ecology and coastal zone management.</p>