

AARHUS UNIVERSITY
EXTERNAL SEMINAR
DEPARTMENT OF ENVIRONMENTAL SCIENCE
Frederiksborgvej 399, 4000 Roskilde
23 November 2018. 11.00 – 11.45
Venue: Aarhus University, Roskilde, K1.36, East



**Title: CAMBIOSCOPE - Carbon Management & Bioresources
Strategies for Scoping the Transition towards low fossil Carbon**

Speaker: Lorie Hamelin, Associate Professor/Principal Investigator at the Engineering of Biological Systems & Processes Department, Federal University of Toulouse, France

Abstract: Lorie Hamelin is one of only 18 researchers who have received funding from the French presidential climate plan “Make our planet great again” (first round; 14 new grants were awarded in the second round). In this framework, she is, since August 2018, establishing a carbon management research line within the facilities of the Engineering of Biological Systems and Processes (LISBP) Department of INSA-Toulouse (Federal University of Toulouse), from 2018 to 2023.

In her seminar, Dr. Hamelin will introduce the French initiative and her research project Cambioscop, a project aiming to develop sustainable and tailored bioeconomy strategies for French policy makers. She will also introduce the framework conditions shaping what she foresees as a successful bioeconomy.

Dr. Hamelin is connected to the Danish Centre for Circular Bioeconomy (CBIO), where she has worked as an invited researcher in 2017-18. She worked as an assistant professor in the Centre for Life cycle Engineering at the University of Southern Denmark (SDU; 2014-2016), and has been recruited in the framework of the European ERA Chair Programme to work as a senior scientist on bioeconomy research in Poland (2016 – 2017), prior to moving to France.

More on Lorie Hamelin:

Dr. Hamelin's research lies at the crossroads of bioeconomy, circular economy & renewable energy systems, in the transition towards a low fossil carbon economy. It endeavors to identify synergies between these areas in an effort to achieve a high degree of system efficiency, minimize environmental impacts as well as the use of fossil carbon. In other words, Dr. Hamelin strives to re-think how we supply food, energy and chemicals to the World, as well as how we manage waste. Life Cycle Assessment, Energy System Analysis and Geographical Information Systems are the key analytical tools she apply and develop in her research. In the last 5 years, she has been WP leader on 6 LCA- & bioeconomy-related projects, has been participating in more than 10 European projects related to circular- and bioeconomy, and has been mandated for several advisory tasks (critical LCA reviews for leading biotechnology companies, EU IPPCB BREF revision, expert board of EU-LIFE projects, etc.). She performed research in several countries and institutions, including Denmark, Canada, Germany and Poland.

Host: Marianne Thomsen on behalf of SGA Resource Flows in a Circular Economy, AU

External Guests interested in attending the presentation should e-mail Department Secretary Christel Ege-Johansen, cej@envs.au.dk

