

AARHUS UNIVERSITY
EXTERNAL SEMINAR
DEPARTMENT OF ENVIRONMENTAL SCIENCE
Frederiksborgvej 399, 4000 Roskilde
28 June 2019, 10:30 – 11:30
Venue: K1.36 at Risø Campus in Roskilde, AU



Title: Sustainability Assessment of Circular Economy scenarios in EU - Assessment frameworks, opportunities and challenges

Speaker: Davide Tonini from Joint Research Centre (JRC)

Davide is Scientific Officer at the Joint Research Centre (JRC) in Brussels and his research focuses on the environmental assessment of bioeconomy solutions (e.g. bioenergy systems and technologies, biomass valorization, etc.) as well as of waste management systems/technologies with a strong focus on biowaste.

Abstract: The foundations for an environmental sound policy is a thorough assessment of the potential impacts associated with policy-induced scenarios and decisions. In this respect the Joint Research Centre (JRC) uses life cycle thinking tools, such as societal, economic, and environmental lifecycle assessments to quantify the impacts of circular economy solutions and scenarios in order to better support decision-makers and sound policies.

The presentation will focus on a few examples of novel sustainability frameworks developed by JRC together with research partners (mainly Gent University and TUD Amsterdam), striving to encompass the social, economic, and environmental pillars of our society. The frameworks are currently applied to specific case studies around Europe in the context of H2020 and JRC-own projects.

Host: Marianne Thomsen, Professor, Section for Environmental Microbiology and Biotechnology, Department of Environmental Science, Aarhus University

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

