**The Northern Netherlands: Transformation of a gas-producing region into a forerunner in the biobased circular transition**

André Heeres, Hanze University of Applied Sciences.

The Northern Netherlands and North-West of Germany are both agricultural regions and aim to play a leading role in the biobased/circular transition. Within his lecture André Heeres (Hanze University of Applied Sciences, Groningen) will present recent developments of the transformation of the chemical industry in the Dutch region. He will describe the process to decouple the (regional) industry from fossils and the attempts to use alternative renewable ‘feedstocks” from agriculture, the energy and the ”waste” sector. Furthermore he will outline the ingredients necessary to achieve the above-described (green energy, renewable feedstocks, knowledge, and infrastructure) and how this could also be relevant for the neighboring German region. Within his presentation André will give several examples of initiatives on-going and also include the chemistry involved.