

Suggestion by :metabolon/Bergischer Abfallwirtschaftsverband

- European Green Week 2025

LINEAR BECOMES CIRCULAR - Practical applied research and knowledge transfer using the example of waste management in Germany.

Background:

At :metabolon, the focus is on the cross-sectoral, holistic consideration of the future issues of technological feasibility, economic and ecological effectiveness, the administrative and legal framework and social acceptance. Not everything that is technologically feasible is economically or ecologically sensible or authorised. When researching and developing new raw or secondary raw materials from residual materials as well as circular production approaches, the aforementioned frameworks must all be taken into account. For this reason, the innovative idea of the 'metabolon - fivefold helix' with the links economy, ecology, technology, administration and sociology was introduced and applied to all projects. The interaction of the original landfill and disposal/recycling infrastructure with the newly created components such as research facilities, educational centres and leisure facilities is essentially new.

Webcast/Presentation and Workshop session/Introduction the :metabolon-site and content:

The online-session will run for 1,5 hours. We start with impressions on our site by showing drone images moved over the location with explanation such as a virtual tour through the exhibition 'linear becomes circular'. Videos and impressions of Technical University of Cologne as our partner as well as audio files will describe the research activities and infrastructures on our site near Cologne. Also, we will present our lively knowledge transfer-elements (insight into the authentic teaching/learning landscape and examples of zero waste campaigns for our municipals).

After that we will dive into interaction with our session's participants and discuss examples of regional approaches to the circular economy with a consumer focus, or with reference to the ideal product (ion) cycle and illustrative objects for circular building and living e.g. By this we will showcase insights and how to face specific hurdles by each sector and its support requirements especially with regard to European practices.

When and Where

We are open for any suggestion that fits into the whole programme.

Partner

The session will be offered by :metabolon-Team, Technical University of Cologne and Bergisch waste management association.

www.metabolon.de

March 2025