



# INVITATION

In this webinar we will give you an insight in technologies applying stirred reactors for advanced recycling of synthetic polymers and how EKATO has contributed to develop and optimize such technologies.

## ADVANCED POLYMER RECYCLING

on November 18, 2021

from 9.00 – 10.30 am (CET)

- **Introduction: Advanced Polymer Recycling**
- **Process Overview**  
pyrolysis, hydrocracking, solvolysis, catalytic depolymerization
- **Typical Challenges**  
homogenization of reactor content, avoiding polymer lumps, rheology of plastic waste materials, heat transfer, solid deposits, solids discharge....
- **Mixing Solutions**  
typical impeller systems, coaxial / off-center / high-efficient dispersion,
- **Scale-Up & Industrial Depolymerization Reactors**  
scale-up correlations, test facilities at EKATO, numerical simulations CFD & FEM, reactor engineering, manufacturing, on-site-services

### Target group

Chemists, process engineers, project managers as well as anybody interested in process development, equipment engineering and production in polymer recycling

### Objectives

In this seminar we will show how to transfer depolymerization processes from lab-scale to industrial scale, with focus on current trends and developments in polymer recycling technology as well as possibilities for optimization of existing plants.

### Price & Registration

The webinar is free of charge. Please register here:

[attendee.gotowebinar.com/register/8502759123410611469](https://attendee.gotowebinar.com/register/8502759123410611469)