



# INVITATION

For several years now EKATO has offered seminars and workshops free of charge that cover topics with respect to process engineering for customers and interested individuals. This year EKATO FORUM would like to invite you to attend our:

## **Bio Based Building Blocks - Engineering Days on November 10&11, 2021 from 3.00 pm – 6.00 pm (CET)**

- **Route to Bio-based Materials / New Platform Chemicals**
- **Fermentation**
- **Modern Reaction / Hydrogenation Concepts to manufacture Bio-based Solvents, Monomers, Polymers, etc.**
- **Piloting & Scale-Up**
- **Skid-mounted Modular Pilot Units & Plants**

We are pleased to offer a digital format of our EKATO Customer Days and would like to invite you to this webinar to learn about latest trends in the production of bio-based solvents, polymers and other promising chemical building blocks. During the webinar a chat session will allow you to exchange and discuss directly with the speakers. We are looking forward to meeting you!

### **Target Group**

Researchers, process engineers, project managers as well as persons responsible for process development, production as well as any person interested in new platform chemicals and modern trends to realize a circular economy in process industry.

### **Objectives**

In this web seminar we will show current trends and developments with special regard to agitated unit operations in fermentation, reaction/hydrogenation or crystallization on the way to produce bio-based materials. We will give an insight on how to optimize these processes plus how to overcome challenges during scale-up. EKATO even provides complete skid-mounted units for piloting and production.

Register directly via the following link:

<https://attendee.gotowebinar.com/register/6913318316017937420>

# AGENDA

## Bio Based Building Blocks

**Date / Place:**

Wednesday & Thursday, November 10&11, 2021

Daily from 3.00 pm – 6.00 pm (CET)

via GoTo-Webinar (The link will be sent to you a few days before the webinar starts)

**Please join this webinar from your computer, tablet or smartphone**

Register here:

**Presentation / Language**

The presentations of the EKATO specialists will be in English language.

**Day 1 – November 10, 2021**

03.00 pm - 03.30 pm	<b>Introduction: Modern Routes to Bio-Based Building Blocks</b>
03.30 pm - 04.15 pm	<b>Modern Mixing Solutions for Multi-Phase Reactors</b>
04.15 pm - 04.30 pm	Break
04.30 pm - 05.30 pm	<b>Scale-up and Mixing for Aerated Fermenters</b>
05.30 pm - 06.00 pm	Q&A

**Day 2 – November 11, 2021**

03.00 pm - 03.45 pm	<b>Mixing Solutions for Gas-Liquid Reactors / Hydrogenation</b>
03.45 pm - 04.30 pm	<b>Crystallization and Polymerization of Bio-Based Monomers</b>
04.30 pm - 04.45 pm	Break
04.45 pm - 05.30 pm	<b>Engineered Solutions / Pilot Plants / Skid-mounted Units</b>
05.30 pm - 06.00 pm	Q&A

For further and detailed information about this seminar, please contact us:

Julia Augustin, e-mail: [seminar@ekato.com](mailto:seminar@ekato.com).