



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 09.00 am – 12.00 noon (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/5577863587549044236>



AGENDA

Bio Based Building Blocks

Date / Place:

Wednesday & Thursday, November 10&11, 2021

Daily from 09.00 am - 12.00 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

09.00 am - 09.30 am	Introduction: Modern Routes to Bio-Based Building Blocks
09.30 am - 10.15 am	Modern Mixing Solutions for Multi-Phase Reactors
10.15 am - 10.30 am	Break
10.30 am - 11.30 am	Scale-up and Mixing for Aerated Fermenters
11.30 am - 12.00 noon	Q&A

Day 2 – November 11, 2021

09.00 am - 09.45 am	Mixing Solutions for Gas-Liquid Reactors / Hydrogenation
09.45 am - 10.30 am	Crystallization and Polymerization of Bio-Based Monomers
10.30 am - 10.45 am	Break
10.45 am - 11.30 am	Engineered Solutions / Pilot Plants / Skid-mounted Units
11.30 am - 12.00 noon	Q&A

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

Julia Augustin, e-mail: seminar@ekato.com.