

# BIOBASED COATINGS EUROPE 2018

**20th & 21st June - Antwerp, Belgium**

**Successful Developments with Biobased Materials for the Coatings Industry**

## KEY TOPICS:

- European Biobased Coatings Market Outlook
- Biomass Balance Approach
- Creating Sustainable Biobased Coatings with Low Emissions & High Performance
- Project case studies: Techniques for Effective Marketing of Biobased Coatings
- Round Table Discussion - Market Opportunities, Policy Framework & Sustainability
- Innovation Developments Within Research Institutes and the Labs: Project Case Studies
- Creating Dialogue with the Market to Establish Best Practices when Considering Green & Sustainable Procurement Strategies
- Successful Collaborations Advancing the Adoption of Biobased Coatings
- Developing Sustainable Biobased Building Blocks for Coatings
- Creating Niche Markets with Bespoke Products

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## CONFERENCE SPONSORS:



## Sponsorship & Exhibition Opportunities:

Krisztina Gyulavári

+44 (0) 754 923 2644 or [kvari@acieu.net](mailto:kvari@acieu.net)



## More Information & Delegate Registration:

Dimitri Pavlyk

+44 (0) 20 3141 0627 or [dpavlyk@acieu.net](mailto:dpavlyk@acieu.net)



## Successful developments with biobased materials for the coatings industry

ACI's Biobased Coatings Conference 2018 will bring together senior executives and experts from the coatings value chain, policy makers, consultants, technology innovators and leading market analysts to discuss the latest challenges and developments within the industry.

The two day event will give you an insight to the industry's latest technological advancements, policy evaluations and drivers. While focusing largely on developments within the coatings industry in Europe, will also concentrate on updates and future forecasts on supply and demand of the key world markets. By highlighting the sector's current major challenges and opportunities the conference will provide a holistic outlook on market trends and drivers.

The conference will also have insights from end-use markets giving updates on market growth drivers along with sustainable advancements in technologies and R&D projects.

### Who will you meet at this event?

- Chemical companies
- Paint Manufacturers
- Suppliers/Distributors of biobased products
- Manufacturers of biobased products
- Original Equipment Manufacturers
- Regulatory and Policy Officers
- Solution Providers
- R&D Scientists
- Global Business/Commercial Directors
- Technology Providers
- Technical Managers
- Agricultural cooperatives & raw material traders
- Agro-industrials
- Equipment suppliers for the chemical industry
- Engineering, Consulting & Investment companies

### Speaking Opportunities:

If you would like to be considered as a speaker for the event with a 30-45 minute presentation, please submit an abstract for consideration to:

**Daniel Lavery**

Conference Producer

Tel: +44 (0)20 3141 0612

Email: [dlavery@acieu.net](mailto:dlavery@acieu.net)

### Why attend this event?

- Hear from high profile speakers sharing their knowledge and expertise
- Network with the industry leaders from European companies
- Discover where to focus your development efforts

### Opportunities to meet your target audience



A wide variety of commercial and sponsorship opportunities available - for more information please contact:

**Kristina Gyulavari**

Tel: +44 (0) 754 923 2644

Email: [kvvari@acieu.net](mailto:kvvari@acieu.net)



### Registration is simple:

If you would like to register for this event or wish to find out more information, please contact **Dimitri Pavlyk** using any of the following methods:

☎ +44 (0) 203 141 0627

@ [dpavlyk@acieu.net](mailto:dpavlyk@acieu.net)

www <http://www.acieu.net>

🏠 ACI Europe, 10 Gough Square, London, EC4A 3DE, UK

## DAY 1

Wednesday 20th June 2018

08:00 **REGISTRATION & COFFEE**

09:00 **CHAIRMAN'S OPENING REMARKS**

### CONFERENCE PRESENTATION

09:15 **European Biobased Coatings Market Outlook**

- Working within the parameters of the REACH regulations
- Opportunities created by growing restrictions on chemical coatings
- Tracing back to the agricultural source
- Focus on different applications and the potential for market growth
- Parameters necessary for profitable product development and commercialization
- How to align performance, costs and sustainability?
- Key enablers driving the coatings market towards biobased materials
- Market shift towards a high functionality coatings

### CONFERENCE PRESENTATION

10:00 **How to Start the Plant-Based Revolution in Coatings**

- Why a plant-based revolution in paints & coatings
- Building the market for plant-based paints & coatings
- The value of collaborative innovation



**Tineke Woor**  
Project Director Decovery®  
**DSM Coating Resins**

10:35 **MORNING REFRESHMENTS & NETWORKING**

### CONFERENCE PRESENTATION

11:05 **A Web Based Tool to Enable Supply Chain Traceability of Bio Based Materials ABT, AkzoNobel & EY**

- Using biobased raw material in the chemical value chain creates challenges in recording & reporting
- ProBiotracker is a web based tool to enable supply chain traceability of biobased materials
- Collaboration between Advance Biochemical Thailand, EY and AkzoNobel

- We believe Pro Biotracker is a step forward towards pro-active procurement of bio based materials when segregation of production routes is not possible



**Carmen Alvarado Ascencio**  
Senior Sustainability Specialist  
**AkzoNobel Sustainability**

### CONFERENCE SESSION ONE

**Marketing Strategies for Biobased Coatings**  
**How Distribution Partners can Help Shape the Biobased Economy**

11:40

- Supporting market introduction of renewable products
- Case studies in the coatings market
- Future perspectives of biobased products in coatings



**Matthijs van Lint**  
Product Manager  
**Will & Co B.V.**

12:05

**#WhatBrandsWant - Food for Thought & Action**

- Presenting the results of an online survey
- Analysing the responses of more than 40 brands and their perspectives on biomaterials
- What are the barriers and drivers for the development of the bio-based products market?
- What are the opportunities for action for the suppliers?
- How could bio-based companies better communicate their products?



**Zoe Volioti**  
Consultant  
**Sustainability Consult**

12:30

**Panel Q&A**

12:45

**NETWORKING LUNCH**

### CONFERENCE SESSION TWO

**Developing Sustainable Biobased Building Blocks for Coatings: Part One**

13:45

**Biosuccinium®: Building block for Biobased Coatings**

- Reverdia is a producer of Biosuccinium®, a 100% biobased succinic acid

- Biosuccinium® increases biobased content in resins, coalescing agents, solvents, and certain pigments
- Case studies will be shown for biobased coatings with improved performance



**Lawrence Theunissen**  
Global Director  
Application Development  
**Reverdia**

14:10

## Development of Biobased Emulsifiers in Alkyd Emulsions

- Screening of possible biobased emulsifiers using a standard alkyd
- Characterization and evaluation of the resulting emulsions
- Tests in pure biobased alkyd systems
- Other applications of biobased emulsifiers in paints and coatings: Pigment dispersion in linseed oil based coatings



**Katrine Nielsen**  
Chemist  
**Palsgaard**

14:45

## Panel Q&A

### CONFERENCE SESSION TWO

## Developing Sustainable Biobased Building Blocks for Coatings: Part Two

### Sustainable Resin Solutions for the Coatings Industry

15:00

- Use of bio-based building blocks in polycondensation chemistry
- Reduction of carbon-footprint
- Bio-based solvents



**Dirk Mestach**  
Synthesis Manager Liquid Resins & Additives  
**Allnex Netherlands BV**

15:25

## A Journey from Coffee Grounds & more, to Desktops & more

- Turning agro side streams into sustainable materials
- Profiling the consumer
- Proposing a comprehensive positioning strategy
- Creating real added value with sustainable agromaterials



**Philippe Willems**  
Owner  
**Orineo**

15:50

## Panel Q&A

16:05

## AFTERNOON REFRESHMENTS & NETWORKING

### CONFERENCE SESSION THREE: Part One Innovation Developments Within Research Institutes and the Labs: Project Case Studies

16:35

### Biodegradable Functional Coatings (bioORMOCER®) for Food Packaging

- New approaches for food packaging
- Material base for sustainable functional coatings
- Our Results
- Our next goals



**Sabine Amberg-Schwab**  
Head Functional Coatings  
**Fraunhofer - ISC**

17:00

### Biobased Wood Coatings & Adhesives: From Natural Resources to Final Products

- Aim: Valorisation of bio-based waste
- Bio-building blocks: Triglyceride and monosaccharide modification
- Products: Water based dispersions and 100% solid resins



**Raquel Fernández-Reyes**  
Senior Researcher  
**Funditec**

17:20

## Panel Q&A

### CONFERENCE SESSION THREE: Part Two Innovation Developments Within Research Institutes and the Labs: Project Case Studies

### From Biomass to Biobased Coatings: Development of Biobased Building Blocks, Resins & Solvents

17:30

- Biobased aromatics building blocks
- Biobased olefinic building blocks
- Resin synthesis & evaluation
- Biobased solvents



**Jacco van Haveren**  
Programme Manager - Biobased Chemicals  
**Wageningen Food & Biobased Research**

## 17:55 Lignin-Based Binders for Primer Formulations - A Realistic Perspective?

- Renewable raw materials & biorefineries
- Lignin & its potential
- Lignin based resins
- Lignin based primer



Yvonne Wilke  
Project Manager  
Fraunhofer - IFAM

## 18:20 Panel Q&A

## 18:30 CLOSE OF DAY ONE

## DAY 2

Thursday 21st June 2018

## 08:30 REGISTRATION & COFFEE

## 09:00 CHAIRMAN'S OPENING REMARKS



Jacco van Haveren  
Programme Manager - Biobased  
Chemicals  
Wageningen Food &  
Biobased Research

## CONFERENCE SESSION FOUR

### Tracing Sustainability Through the Value Chain

## 09:10 Pro Environmental Polyols, Securing Future Sustainable Technologies

- New biobased materials for coatings
- Perstorp approach for reliability - Massbalance & ISCC certification
- Coating examples from the world of Alkyds such as shift from SB to WB and its challenges
- General global progress, besides the contribution from Perstorp, e.g. TOFA, Dryers, (no cobalt) hybrids, nano-technologies etc.



David Löf  
Technical Market  
Development Manager  
Perstorp AB



Anna Berggren  
Market Segment  
Manager Resins  
Perstorp AB

## 09:35 Renewable Raw Materials – Sustainable Products? Coatings from Renewable Resources by the Biomass Balance Approach

- Sustainability of renewable raw materials
- Renewable raw materials in coatings
- The Biomass Balance Approach



Anja Thomas  
Global Sustainability Manager  
Dispersions & Pigments  
BASF

## 10:00 Panel Q&A

## CONFERENCE SESSION FIVE

### Innovative Biobased Product Development

## 10:15 Caparol - Lets Paints Grow Back!

- Green paints for the professional painter is new & difficult business
- What is needed to succeed in this market?
- Is the market ready for that change?
- Two different product lunches will be discussed



Wolfgang Hoffmann  
Head of Caparol Product  
Management  
CAPAROL GmbH

## 10:40 Give BIO a chance!

### Bullet points to be confirmed



Fabrizio Dalla Nese  
Technical Director  
ICA Group

## 11:05 Panel Q&A

## 11:20 MORNING REFRESHMENTS

## CONFERENCE SESSION SIX: PART ONE

### Creating Sustainable Biobased Coatings with Low Emissions & High Performance

## 11:50 High Performing Plant-Based Wall Paints

- Through process optimization, plant-based monomers can be used in emulsion polymerization
- Biorenewable contents of up to 50%, based on carbon, can be achieved
- Performance of plant-based wall paints is at least at the same level of current fossil fuel based wall paints



Tijs Nabuurs  
Technology Manager Decovery®  
DSM Coating Resins

## 12:15 Cellulose Fibrils - Novel & Renewable Multifunctional Performance Enhancer

- Biorefinery approach for new performance additives
- Life cycle assessment (LCA) of cellulose fibrils
- Properties and compatibility of cellulose fibrils. How they differ from the current technologies & what is the added value?



- Performance improvements on coatings. Case studies on exterior paint & wood stain



Otto Soidinsalo  
Technical Application Manager  
**Borregaard AS**

12:40

## Vercet Lactides in Alkyd Coating Resins – Bringing Performance Improvements, Higher Solids & Reduction in VOC's for the Coatings Industry

- A new way of creating low VOC solvent-borne coatings for substrates
- Vercet lactides now bring key performance to alkyd resins such as adhesion to polar substrates including metal, wood, certain plastics and hardness while maintaining flexibility
- Enabling higher percent solids with lower viscosity allowing for coatings with lower VOC's



Brian Glasbrenner  
Global Commercial Manager  
**NatureWorks LLC**

13:05

## Panel Q&A

13:35

## NETWORKING LUNCH

## CONFERENCE SESSION SIX: PART TWO

### Creating Sustainable Biobased Coatings with Low Emissions & High Performance

14:35

### Towards Fully Biobased Coatings, with Lactide & FDCA

- Breaking boundaries in biotechnology
- Lactide in alkyd resins & its impact on coating performance
- An engineering playground: 2,5-Furandicarboxylic acid (FDCA) to potentially replace isophthalic acid and phthalic anhydride in resin formulations



Martijn Jansen  
Application Scientist  
**Corbion**



Stephan Roest  
Market Development Manager  
**Corbion**

15:00

## Move Along! Be Green, Just Act

- To develop and market biobased coatings; no compromise in performance
- Testing & certifications; evidence based policy
- CSR & transparency in the supply chain; an invitation to be more transparent in sharing sustainability information/data



Joost Broeders  
Technical Director  
**Baril Coatings BV**

15:25

## Panel Q&A

15:40

## CHAIRMAN'S CLOSING REMARKS



Jacco van Haveren  
Programme Manager - Biobased Chemicals  
**Wageningen Food & Biobased Research**

15:50

## END OF CONFERENCE & AFTERNOON REFRESHMENTS

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**Kristina Gyulavari**

Tel: +44 (0) 754 923 2644

Email: [kvvari@acieu.net](mailto:kvvari@acieu.net)




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Antwerp, Belgium

20<sup>th</sup> - 21<sup>st</sup>  
June  
2018

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 +44 (0) 203 141 0627

 [dpavlyk@acieu.net](mailto:dpavlyk@acieu.net)

 <http://www.acius.net>

 **Postal Address:**  
ACI Europe, 10 Gough Square, London, EC4A 3DE

## Registration is Simple:

Conference (Includes Access to Documentation Pack)  
20th & 21st June 2018

£1,595.00

Documentation Pack Only

£420.00

Please Note.

Members and customers of all supporting organisations are entitled to a discount off their conference package.

For more information please call +44 (0)203 141 0627

## Documentation Packet Available

We are selling the Biobased Coatings Europe 2018 papers at just £395 (+£25 P&P). Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting. This important manual will be a source of invaluable reference for the future.

## About ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago, ACI opened its European head office in London at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, chemicals, cosmetics & pharma and opening offices in Poznan (Poland) & Pune (India).

## With Thanks to Our Partners



## Conference Venue:

**Ramada Plaza Antwerp**

Desguinlei 94



2018 Antwerpen, Belgium

[Venue Info Sheet >>](#)

## Terms & Conditions:

### Payment

Payment must be received within five business days of returning the signed contract. After receiving payment a VAT receipt will be issued. If you do not receive a letter outlining details two weeks prior to the event, please contact the Conference Coordinator at ACI Europe Ltd.

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Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.

### Accommodation

The cost of accommodation is not included in the event fee. Preferential rates will be arranged with or near the event venue, and all confirmed delegates will be given details of how to book accommodation at this rate in due course.