

THE EUROPEAN CARBON BLACK SUMMIT 2024

*19th & 20th June 2024
Amsterdam, The Netherlands.*

Key Topics:

- Revision of Legislation and a Roadmap to 2050
- Becoming Independent: Bracing for a Global Carbon Black Shortage
- From Source to Solution: Navigating Opportunities and Pitfalls in Feedstocks
- Going Green! Carbon Black & Sustainability
- Carbon Nanotubes
- Analysing Alternative Uses of Carbon Black
- The Challenges and Pitfalls of Virgin Carbon Black
- Rubber Revolution: Innovations in Tyres and Synthetic Alternatives
- All Things Recovered
- Changes in Mobility
- Initiatives Surrounding Pyrolysis Oil
- Future Insight: Discussing the Evolving Landscape of Carbon-based Materials



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SMARTER PACKAGING.
SMARTER BUSINESS.

The European Carbon Black Summit

Amsterdam, The Netherlands

19th & 20th
June
2024

Building upon the resounding success of our previous summit, we are thrilled to announce the return of **ACI's European Carbon Black Summit** is returning over the **19th & 20th June 2024**, in the beautiful city of Vienna, Austria.

Anticipated growth in Carbon Black (CB) demand poses a significant challenge, particularly in light of the disruptions caused by the conflict in Ukraine, resulting in a considerable shortage of virgin carbon black. Experts in the field suggest that the shortage reaches as high as 40% compared to pre-war years. The primary focus of this summit is to tackle these critical issues. Key topics on the agenda include an overview of the CB market, strategies for enhancing sustainability within the industry, achieving excellence in the supply chain, and addressing other pertinent concerns. Special attention will be directed towards refining standardization in recovered CB and addressing challenges in assessing the lifecycle of tires.

This two-day event aims to bring together senior representatives from various stakeholders in the sector, encompassing producers, technology developers, rubber manufacturers, chemical suppliers, researchers, and other influential figures within the value chain.

We invite you to join us at **ACI's European Carbon Black Summit** to explore the pivotal subjects and receive updates on the latest developments in essential areas of the carbon black industry. Your participation will contribute to insightful discussions and solutions for the challenges ahead.



Who Will Attend?

ACI's European Carbon Black Summit will bring together senior executives from:

- Carbon Black Producers
- Heads of Carbon Black Technology Research & Development
- Tire Manufacturers
- Heads of Automotive Companies
- Carbon Black Logistic Companies
- Feedstock & Business Development Companies

Registration Is Simple

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

Tel: + 44 (0)20 3141 0619

Email: luca@acieu.net

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

Conference Fees

Conference (Includes Documentation Packet) **£1,895**

Documentation Packet Only **£495**

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

Discounts are available for multiple/group bookings.

Opportunities to Meet Your Target Audience:

Showcase your technologies to the industry, with opportunities to demonstrate the capabilities of your latest products and services. Companies can gain direct access to our senior level audience and have an increased level of visibility and exposure through branding and networking at the conference. This will allow you to attract new business and forge lasting commercial relationships.

For information on available commercial opportunities, please contact:

Venkat Paramasivam

+44 (0) 20 3141 06 - vparamasivam@acieu.net

DAY 1

Wednesday 19th June 2024

08:00 **REGISTRATION & COFFEE**

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



Ad Van Oorschot
Director Sales & R&D
Black Bear Carbon

09:15 **CONFERENCE PRESENTATION**
Revision of Legislation and a Roadmap to 2050

- A review and current standpoint of REACH regulations
- Paving the pipeline of European regulations and targets
- Data-focused analysis of current developments in product registration

10:00 **CONFERENCE PRESENTATION**
Becoming Independent: Bracing for a Global Carbon Black Shortage

- Shipping from China and India
- Addressing possible methods of becoming self-sufficient in both vCB and rCB
- Impact of global disruption on the market (Russo-Ukraine War/Suez Canal blockage)

11:00 **MORNING REFRESHMENTS**

11:30 **SESSION ONE**
From Source to Solution: Navigating the Opportunities and Pitfalls in Feedstocks

- Assessing the feedstock market availability in Europe
- Depicting the ability of consistency in raw materials
- A solution to pricing issues and demand for materials

13:00 **LUNCH**

14:00 **PANEL DISCUSSION**
Going Green! Carbon Black & Sustainability

- Sustainable ways of making vCB not based on oil
- Producing vCB from biogas and the benefits of producing hydrogen as an output
- How ELT selection can increase circular economy in the CB industry
- Meeting the demand for a short supply chain

15:15

CONFERENCE PRESENTATION

Carbon Nanotubes

- Exploring the latest advancements in incorporating nanotubes into carbon black composites
- Gaining the mechanical benefits and durability of carbon nanotubes
- Overcoming the lack of solubility in CNTs

16:00

AFTERNOON REFRESHMENTS

16:30

SESSION TWO

Analysing Alternative Uses of Carbon Black

- Pigment
- UV stabilizer
- Conductive or insulating agents
- Automotive Coatings

16:30

SESSION THREE

The Challenges and Pitfalls of Virgin Carbon Black

- Understanding vCB manufacturers use of carbon capture
- Addressing the Myth of Virgin Carbon Black being Carbon Neutral
- Ensuring quality and performance assurance of vCB in various applications
- Looking at controlled characteristics; particlesize and surface area, in regards to performance requirements

17:45

CLOSE OF DAY ONE

DAY 2

Thursday 20th June 2024

08:30

REGISTRATION & COFFEE

09:00

CHAIR'S OPENING REMARKS



Ad Van Oorschot
Director Sales & R&D
Black Bear Carbon

09:05

CONFERENCE PRESENTATION

Rubber Revolution: Innovations in Tyres and Synthetic Alternatives

- Updates on the rubber industry looking at alternatives to synthetic rubbers and rubber processing
- Exploring innovations in tyre compound formulation, tread designs and tyre structure
- Latest developments in using carbon black as a reinforcement material

09:50

SESSION FOUR

All Things Recovered

- Achieving better rCB rubber reinforcement
- Removing impurities from rCB and rCB product consistency
- New methods for rCB characterisation
- CB consumer requirements to rCB by type

Achieving better rCB rubber reinforcement and commercialisation of innovative rCB technologies

Vitaly Khusidman
CEO
G3C Technologies

11:05

MORNING REFRESHMENTS

11:35

CONFERENCE PRESENTATION

Changes in Mobility

- Working to reduce road wear & road wear particles
- Addressing the influence of microplastics on the environment

13:25

LUNCH

14:30

CONFERENCE PRESENTATION

Initiatives surrounding Pyrolysis Oil

- Depicting the benefits of pyrolysis Oil as a sustainable feedstock
- Optimising technological advancements in pyrolysis processes
- Understanding the implementation of industry collaborations and circular economy benefits in pyrolysis

15:15

CONFERENCE PRESENTATION

Future Insight: Discussing the Evolving Landscape of Carbon-based Materials

- Optimising the use of potential manufacturing plants for reducing global import transportation needs
- Highlighting the future use of carbon black in energy storage, electronics, automotive and construction
- Tackling the challenges of changing formulations

16:00

CHAIR'S CLOSING REMARKS

16:10

END OF CONFERENCE & AFTERNOON REFRESHMENTS