

## Meeting: Working Group Sustainability Workshop on usage of LCA data



on **12th June 2024, 12:30 – 17:15 Uhr**

Face-2-face event in Dresden at Technische Universität Dresden,  
Institut für Leichtbau und Kunststofftechnik

The Working Group “Sustainability” of the Composites United Network is the exchange platform for all relevant sustainability topics in the field of fiber-reinforced composite materials and the successor of the former working group “rCF applications”. In regular meetings, the working group focuses on specific aspects of composites sustainability. This Workshop is the follow-up to a meeting end of last year with focus on LCA.

This meeting comprises a workshop to look at different LCA databases and how to utilize them. It includes a detailed overview of existing LCA data sources with advantages and disadvantages. With specific use cases, the participants will learn how to select the right datasets and they will be able to practice hands-on the usage and application of LCI data. Join this CU event to get practical insights to generating your own Life Cycle Assessment!

### Agenda Moderation: Dr. Bastian Brenken, CU Nord

12:30 pm **Get together with light lunch; Networking**

1:00 pm **Welcome, News from Composites United e. V. and Goal of the Day**

Dr. Andrea Hohmann, Fraunhofer IGCV  
Dr. Robert Kupfer, TU Dresden  
Dr. Bastian Brenken, Composites United e. V.

1:15 pm **Review – Results and outcomes of the last LCA meeting of the working group**

Dr. Bastian Brenken, Composites United e. V.

1:30 pm **Overview and discussion of available databases and (future) concepts of data sharing for life cycle assessments**

Dr. Andrea Hohmann, Fraunhofer IGCV  
Dr. Robert Kupfer, TU Dresden

2:00 pm **Questions / Follow-up Discussion**

Dr. Andrea Hohmann, Fraunhofer IGCV  
Dr. Robert Kupfer, TU Dresden

2:15 pm **Coffee break, Separation into groups for Workshop**

2:45 pm **Introduction of the workshop and explanation of the use cases**

2:50 pm **Hands on Workshop- How can I find suitable data for my life cycle assessment?**

Addressing of key questions:

- What are strengths and weaknesses of the different data sources?
- How can I evaluate the quality of a data source?
- Which source should be used for which use case?
- How exactly can the data be extracted, analyzed, implemented, and interpreted for a specific use case?
- What are general frame works for database usage?
- How to combine different data sources in one LCA?

- How to receive traceability and transparency?

With specific use cases, the participants search for suitable LCI data sets from different sources. An overview of the chosen approach and the problems encountered is presented to the entire group.

**4:15 pm Coffee break & Networking**

**4:45 pm Presentation of the results and data selection processes by the different groups**

**5:15 pm Wrap-up and collection of input for the next meeting**

**5:30 pm End of the event**

**7:30 pm Optional: Joint dinner**

At own expense

Location to be shared.