

Working Group Sustainability Workshop on the use of LCA data



on **11th September 2024, 13:00 – 18:00**

On-site meeting as part of the CU Innovation Day “Ready to Use” at STFI in Chemnitz

The "Sustainability" working group of the Composites United Network is the exchange platform for all relevant sustainability topics in the field of fiber-reinforced composites. In an initial workshop in late fall '23, we identified the needs of the players in the CU network with regard to LCA: Which topics are relevant? What potential benefits does the industry see in group work, where is it willing to cooperate and what is it willing to spend money on? Building on the results, a second workshop is now planned to give the industry partners an initial in-depth insight into the procurement, evaluation and use of LCA data.

Agenda Moderation: Dr. Bastian Brenken, CU Nord

13:00 **Welcome Coffee**

13:30 **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

13:45 **Overview on LCA data sources and (future) concepts of data sharing for life cycle assessments**

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

14:15 **Questions / Follow-up Discussion**

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

14:30 **Coffee break, Separation into groups for Workshop**

15:00 **Introduction of the workshop and explanation of the use cases**

15:15 **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 can 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?

16:15 **Coffee break, Preparation for group presentations**

16:30 **Presentation of the results and data selection processes by the different groups**

17:00 **Summarized analysis of the results and identification of the consequences for the LCA**

17:20 **Tours of the STFI (approx. 1 h), open end**