TUVNORD

YOUR PATH TOWARDS VERIFICATION Life Cycle Assessment (LCA) according to ISO 14040/44

On the path towards verification, the applicant organization must first accomplish stages 1-3 and document them in the LCA-report:

- Goal and Scope definition of the LCA
- Reason for the study, indication of potential target groups
- Description of the product system, including a process diagram
- ☐ Description of the functional unit
- Indication of the system boundaries
- ☐ Description of cut-off rules, assumptions, limitations
- Description of impact categories and choice thereof

- Life Cycle Inventory and Life Cycle Impact Assessment
- Flow diagram of the system as graphical representation of the product system with all process modules
- Description of data collection for all mass and energy flows and subsequent data validation
- Description of classification and characterization methods used
- Calculation of potential environmental impacts, impacts on human health and resource availability

- 3 Life Cycle Interpretation
- A summary of the results obtained in the assessed life cycle
- Interpretation of the results obtained in the Life Cycle Inventory and Life Cycle Impact Assessment according to the LCA goal definition

Verification of the LCA

Submission of checklist to TÜV NORD

Quotation prepared by TÜV NORD

If quotation is accepted, verification process starts

Audit appointment arranged between client and TÜV NORD

Submission of LCAreport and results of
Life Cycle Inventory and
Life Cycle Impact
Assessment to
TÜV NORD
at the latest 2 weeks
before audit takes place

Audit towards LCA verification.
If necessary, improvements to be made by client



Completion of successful verification, issuance of TÜV NORD Certificate and Verification Report