

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:

1 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

2 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

4 Verification of the LCA

