



Management Service

Validation

TÜV SÜD Management Service GmbH has verified the Life Cycle Assessment (LCA) study for the following passenger vehicle type

**BMW i3 BEV
Modelljahr 2014**

of

**BMW AG
Petuelring 130
80788 München**

and herewith, **declares it valid.**

Basis of verification:

- **The standards ISO 14040:2006 / ISO 14044:2006** for the statements to LCA study in the version of 2013-09-30 (principles and general requirements, definition of goal and scope as well as inventory analysis, life cycle impact assessment, interpretation, critical review)
- **Requirements of the TÜV SÜD MS-methodology for the evaluation of the quality of (process and product) modelling and data for inventory analysis and impact assessment as parts of a life cycle assessment according to ISO 14040:2006/ISO 14044:2006**

Scope of verification:

- **External critical review of LCA study regarding compliance with requirements of ISO 14040/14044**
- **Review of compliance of the specific LCA process with the related BMW process instruction**
- **Verification of LCA input data and other relevant environmental information**

Results of verification in detail:

- **This LCA study meets the requirements of above mentioned standards. The applied methodology is consistent with the scientific state of technology.**
- **The LCA study was prepared in line with the related BMW process instruction. The used input data and other environmental information therein are correct. (TMS-Report no: 707014506 from 14.10.2013)**

TÜV SÜD Management Service GmbH

Munich, 2013-10-15

Michael Brunk
Environmental Verifier

Dipl.-Ing. Ulrich Wegner
Head of certification body

Independence and objectivity of verifier:

TÜV SÜD Group has not advised product-related environmental aspects with BMW Group neither in the past nor at present. TÜV SÜD Management Service GmbH is not economically dependent or otherwise involved in any way with BMW AG.

Responsibilities:

BMW AG has full responsibility for the content of the LCA study. TÜV SÜD Management Service GmbH had been assigned to review the fulfilment of the methodical requirements regarding LCA realisation as well as to verify and validate the available information for correctness and credibility.

ZERTIFIKAT ◆ CERTIFICATE ◆ CERTIFICADO ◆ CERTIFICAT
認 證 證 書