



Life Cycle Assessment @ Infineon

BC SCP
November.2024



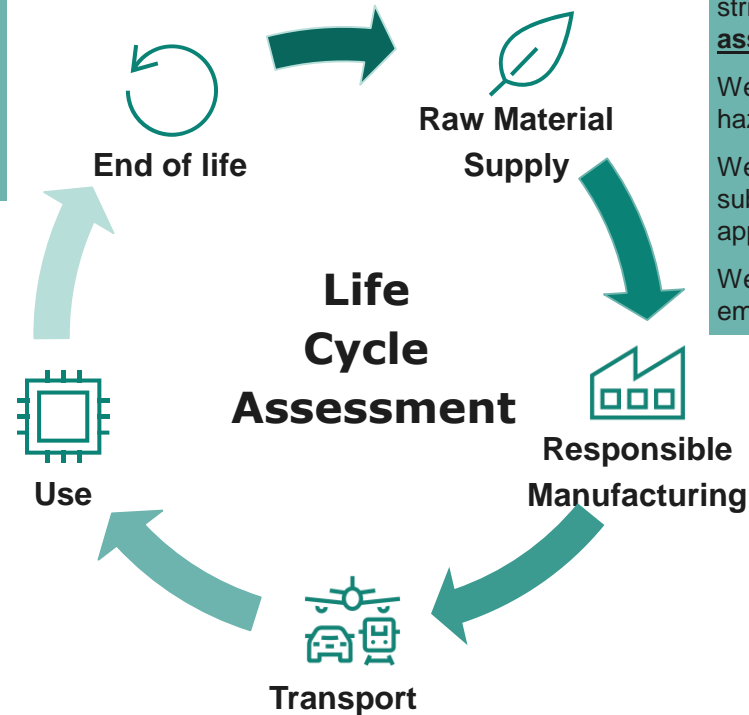
Our goal is to contribute the society by our sustainable products Life Cycle Assessment and enabling Circular Economy

We enable safe recycling by providing product related documentation:

- Material composition of Infineon's products (**MCDS**²)
- Information for waste recyclers via **SCIP**³ database
- **RoHS**⁴ declaration and other substance declarations

We enable safe use by legal compliance of our products, e.g. **REACH** by providing 100% material content declaration (MCDS).

Infineon products play vital role in enabling energy and CO₂ savings deeply contributing the sustainable environment.



We assess our materials and chemicals by close working with our suppliers using strict **requirements** by e.g. ICP¹ analysis, **Conflict minerals (3TG) plus Cobalt assessments**, declarations on substances of concern.

We established a global chemical approval process to evaluate alternatives for hazardous substances.

We collaborate close with other semiconductor companies to find alternatives for substances of concern, e.g. **DA5 project** for the substitution of lead in automotive applications.

We consider the raw materials and supplies within our **CO₂-footprint** (Scope 3 emissions).

We determine the CO₂-footprint (scope 1, 2 and 3 emissions) of the manufacturing process and define targets in order to reduce its impact. Know more [here](#).

We conduct regularly production assessments and improvement programs for e.g. **energy, water, waste** and **emissions**. Hereby, we enable environmental sustainability and climate protection following the **Sustainability Development Goals (SDG)**.

We conduct regular knowledge exchange between our production sites to find potential improvements.

We consider transport within our **CO₂-footprint** (Scope 3 emissions)

We are actively working for sustainable packing solutions in collaboration with suppliers

¹ Inductively Coupled Plasma

² Material content data sheet

³ Substances of Concern In articles as such or in complex objects (Products)

⁴ Restriction of the use of certain hazardous substances in electrical and electronic equipment

