

Life Cycle Assessment @ Infineon

BC SCP

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public

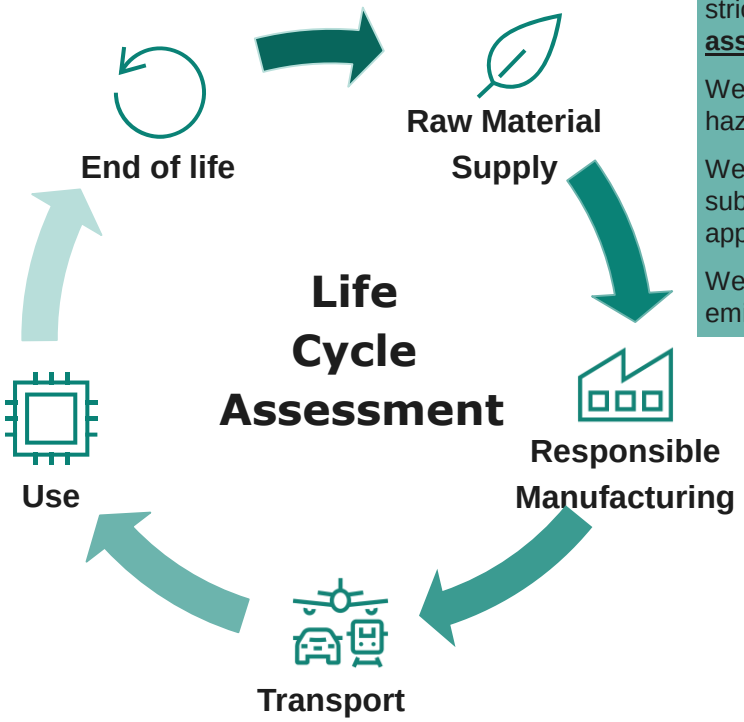
Our goal is to contribute the society by our sustainable products Life Cycle Assessment and enabling Circular Economy

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 CO_2 savings deeply contributing the sustainable environment.



We assess our materials and chemicals by close working with our suppliers using strict **requirements** by e.g. ICP[1] 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 **CO_2-footprint** (Scope 3 emissions).

We determine the CO_2-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 **CO_2-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

Read more at Sustainability at Infineon

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