

An array of technical tools has been developed to support more sustainable engineering practices. These include:

- Life cycle assessments or analysis (LCA),
- Life cycle inventory,
- Embodied carbon calculators and assessments,
- Sustainability assessment tools.

We are seeking examples of open-source technical tools that have been effectively integrated into engineering teaching explained through a lesson plan or guide for use.

The scientific and mathematical calculations that underpin engineering also offer an opportunity to integrate sustainability issues. Micro-insertion is a technique that introduces sustainability concerns into technical problems by providing context for what is already being taught. Most widely known as an approach for integrating ethics into engineering, we are seeking examples of micro-insertions of sustainability into common technical problems found in:

- Chemical engineering,
- Computing,
- Mechanical engineering,
- Civil engineering,
- Electrical engineering,
- General engineering modules.