

Draft proposal for Infrastructure rev2

Infrastructure and capital goods:

This section provides rules for infrastructure and capital goods, such as the building in which the product or upstream materials or components are produced, machinery used in the manufacturing of the product or its materials or components, vehicles used for transportation in the product system, [the equipment used in the production and supply of energy \(e.g. electricity generation equipment\), and for the use-phase the construction and maintenance of roads and production of charging infrastructure.](#)

The applicable infrastructure and capital goods are limited to those that are not consumed and retained their function for a certain period.

In general, the production and end-of-life processes of infrastructure and capital goods used in the product system shall be excluded in the system boundaries. [The exception are those infrastructure and capital goods resulting from infor the production of fuels and electricity, which should be included by default within the system boundary, as is also the best practice adopted by UNECE publications on LCA of electricity generation¹.](#) In case a practitioner would include ~~the additional infrastructure and capital goods~~ processes ~~for the purpose~~ within the system boundary, the practitioner shall [clearly indicate what claim to include the additional](#) processes [are included, and provide](#) with some degrees of evidence [of their significance to justify this,](#) and shall ~~also obtain~~ [make a](#) consensus [for their conclusion](#) with [the appropriate](#) authorities [\(where this is relevant\).](#)

~~However~~ [Deviations from the above requirements,](#) it may [be possible to include the processes](#) without any consensuses in the following cases:

- ~~Infrastructure/capital goods~~ [\(other than for/resulting from production and distribution of electricity and fuels\)](#) may be included if a dataset used for A-LCA already includes infrastructure/capital goods, and it is not possible, within reasonable effort, to subtract the data on infrastructure/capital goods from this dataset.
- [Infrastructure/capital goods for production of fuel or electricity may be excluded/cut-off if the resulting impacts are less than 3.0% \(cumulatively\) share of the total impacts \(including use\) for the fuel or electricity supplied. In this case an appropriate scoping assessment should be provided as evidence/justification for the cut-off.](#)

コメントの追加 [NAH1]: Or alternatively 'electricity and fuels derived from electricity' would potentially be acceptable also.

コメントの追加 [NAH2]: I am not clear what is meant here by 'make a consensus with authorities' - I understood guidance was being developed, not an official standard. So who is the 'authority' and how exactly would approval be reached - is it even enforceable or appropriate? It may be simpler just to require clear evidence of 'significance' to justify inclusion.

¹ [Life Cycle Assessment of Electricity Generation Options | UNECE](#)