



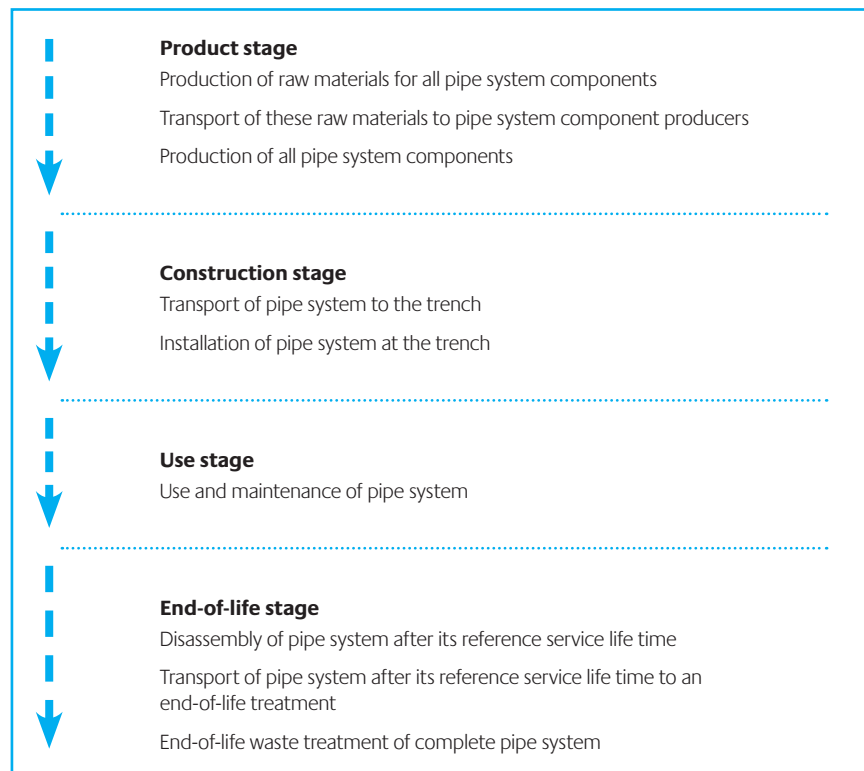
Environmental impact of plastic pipe systems

teppfa The European plastic pipes and fittings association (teppfa) commissioned a study in 2010 to assess the environmental impact of plastic pipe systems compared to conventional materials. Life cycle assessments were carried out by the Flemish Institute for Technological Research (VITO) and validated by Denkstatt GmbH (Austria). As well as the actual results of the LCA study an Environmental Product Declaration (EPD) was also produced.

An **Environmental Product Declaration** is a standard way of communicating the output from a life cycle assessment. It enables the user to assess the environmental impact of a pipe system and allows comparisons to be made with alternative products at the system level (trench/building).

For further information, please visit www.teppfa.org

Life cycle assessment is the most recognised method to quantify environmental impacts of products, processes and/or systems. It shows the environmental effects of a product over its entire life cycle including extraction of raw materials, production of materials and the product, construction, use and end-of-life treatment.



Comparisons – Impact on global warming (in kg CO₂ equivalent)

