

# RESIDUAL LIFE OF STRUCTURES AND EQUIPMENT



## Your expectations

80 - 90% of structural failures during use are caused by fatigue

Do you operate equipment and/or structures which have reached the end of their design lives and are considering whether you can continue to use the assets as is and if such an approach would be safe?

If so, for how long and in what conditions?

Cetim can combine its methodology and its expertise to answer your questions

## Our solutions

Cetim can offer made-to-measure support based on a proven methodology, based on the following six stages:

Preliminary evaluation

Load estimation (option)

Special evaluation (full calculations and detailed inspection)

Complementary local investigations (option)

Residual life evaluation (DVR)

Recommendations on whether or not to continue operating the asset and the required conditions

## Your benefits

Cetim can guarantee you:

Over 50 years of expertise in materials, fatigue, calculations and simulations, as well as failure mode analysis (corrosion, etc.)

Renowned experts in monitoring, NDT, the Ilot and data analysis

The added value of independent multi-sector experience

A proven methodology, with constant upgrades, in compliance with the applicable regulations and standards