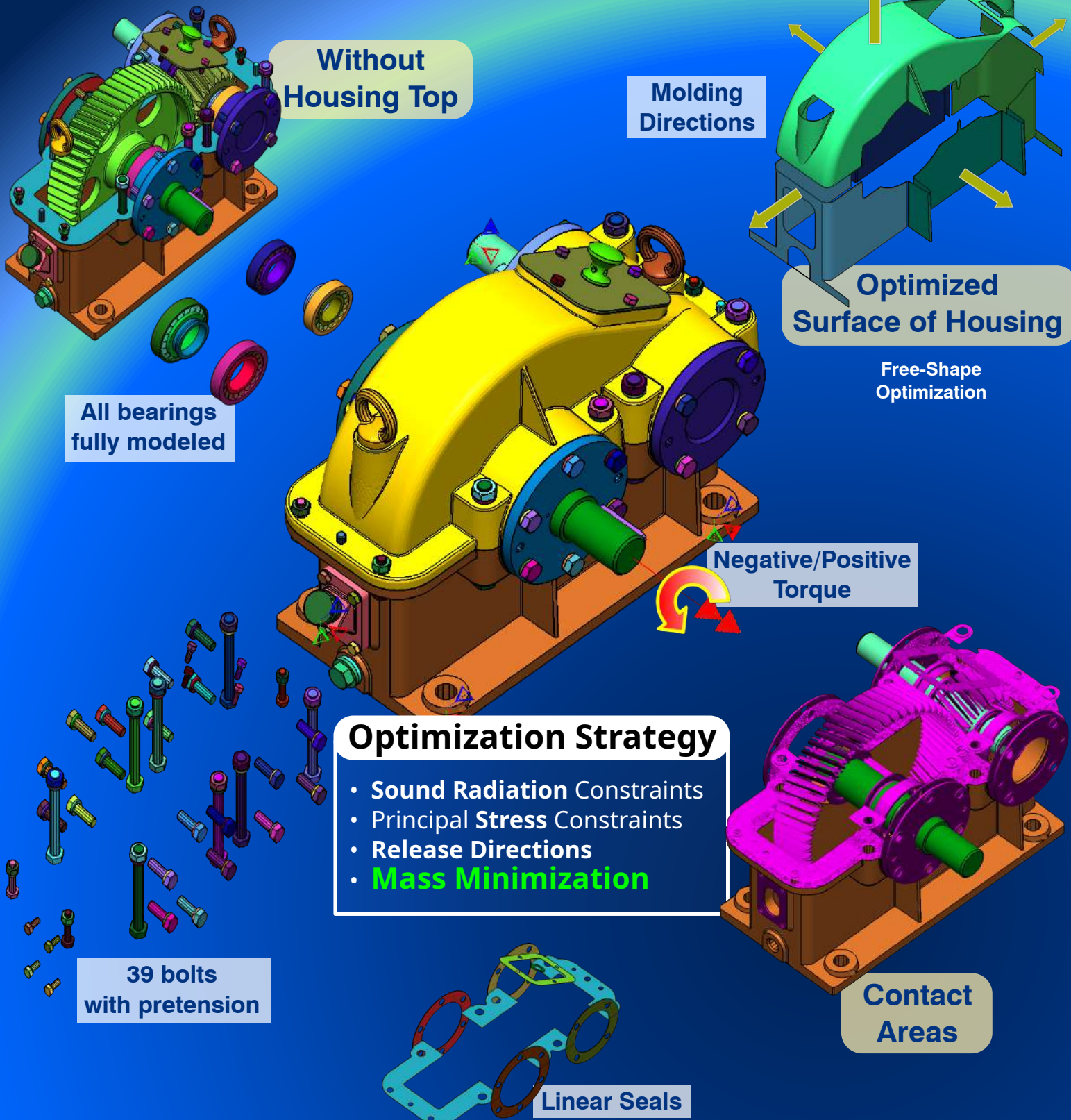


PERMAS

The Finite Element solver

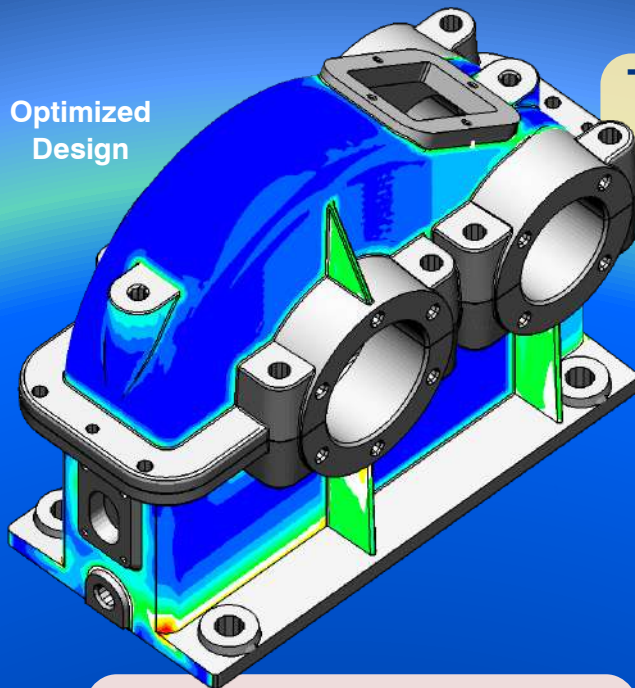


NVH Optimization of a Transmission Assembly



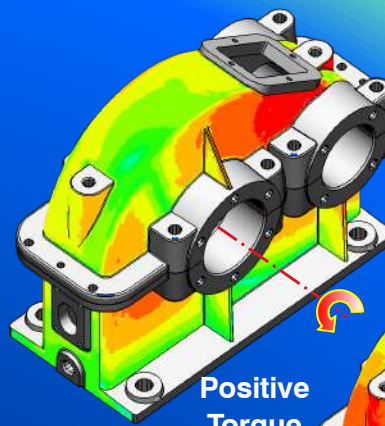
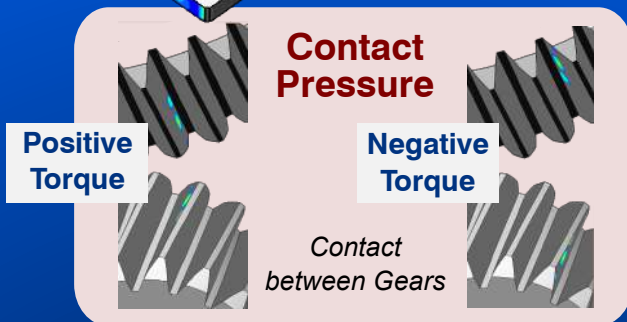
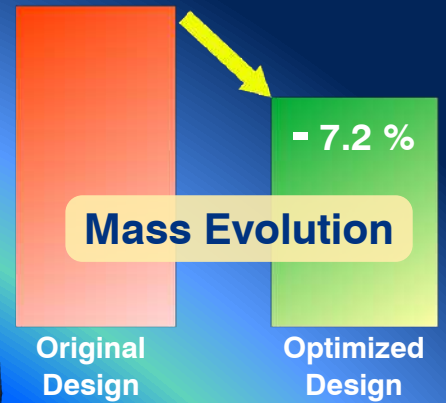
PERMAS

The Finite Element solver

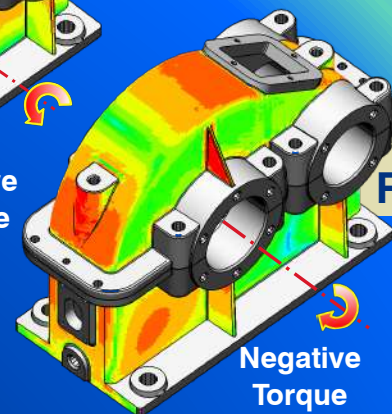


Optimized Design

Thickness Change

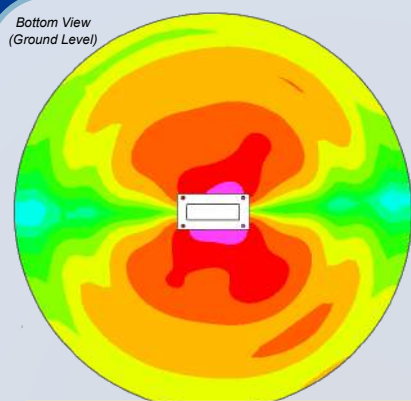


Positive Torque

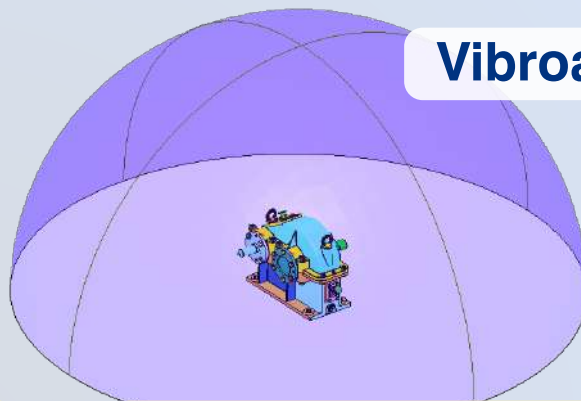


Negative Torque

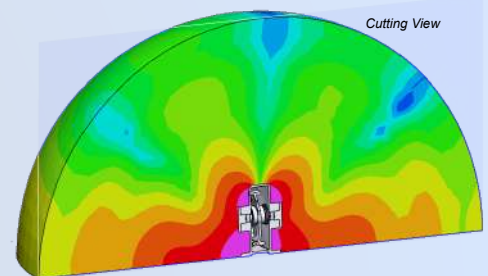
Sound Radiation



Acoustic Directivity



Fluid-Structure Domain



Sound Pressure

Vibroacoustic Analysis

"Making realistic simulations practical"

For more information about optimization and contact analysis with PERMAS, visit our website www.intes.fr or send us an email at point-contact@intes.fr

