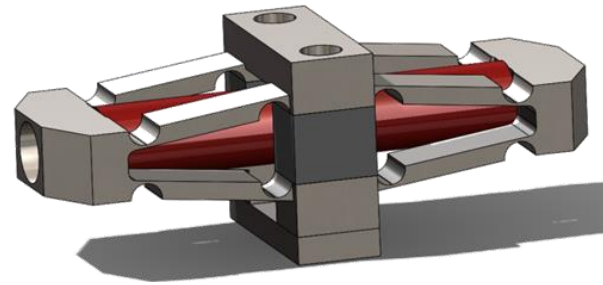


**PYTHEAS Technology offers its expertise in acoustics and vibration analysis, as well as unique skills in advanced piezoelectric systems design and implementation**

From design to prototype development and field test validation, PYTHEAS Technology works hand in hand with industrial partners and research laboratories to develop innovative, robust and high performance vibration absorbers.



With more than 40 years of experience in the design, manufacturing and implementation of piezoelectric components and their associated electronic systems, PYTHEAS Technology offers holistic solutions to our industrial partners:

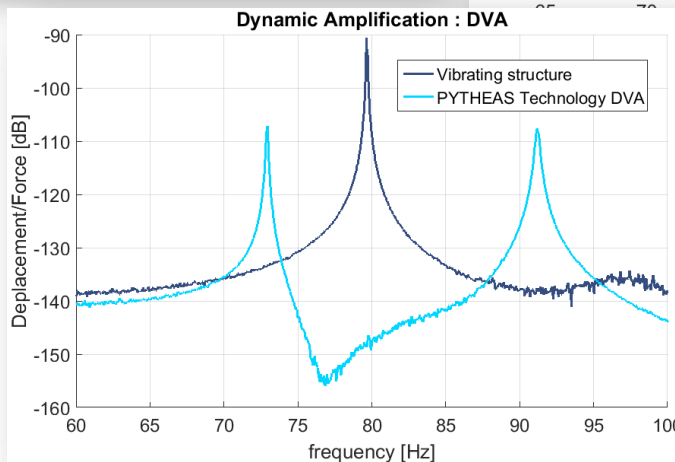
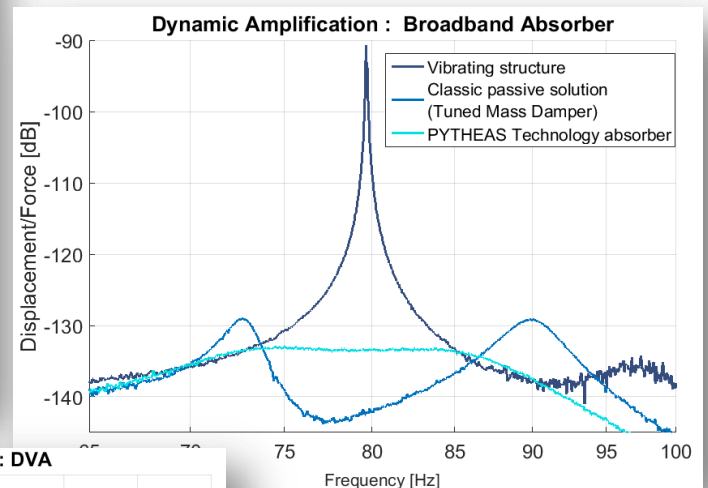
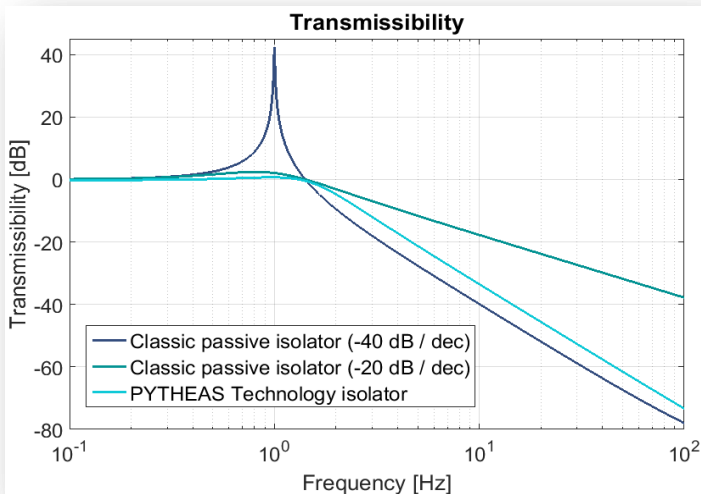
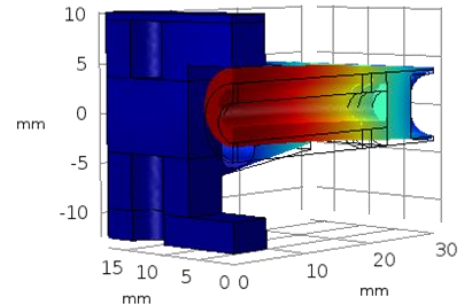
- **Diagnostic and characterization** of vibration and noise
- Support and guiding **for the design phase**
- Design, manufacturing and validation of **custom solutions**



The domains of application of such devices are endless:  
automobile, aeronautic, aerospace, naval construction, defense, offshore platforms, train and tramway,  
manufacturing industry...

The **piezoelectric solutions** offered by PYTHEAS Technology take advantage of the latest advances in Research and Development in the field of smart structures. These active, semi-passive or hybrid solutions combine gains in performance with high robustness and reliability, while controlling the costs. Compared to traditional methods, they offer:

- Increase in **dynamic filtering**, for equal stiffness
- **Decrease in structure solicitation**, thus increasing lifetime
- **Improved decoupling** between structures
- **Reduction of the mass** of the vibration absorber
- **Reduction of noise pollution** for operators and the environment



Our partners :

