

## Challenge

# Pyrotechnic Tensioner – exploring potential applications

The challenge is to rethink pyrotechnic tensioner solutions for various applications. This involves creating new uses for tensioning systems related to mobility and safety and developing the necessary detection and control units. Explore the potential of both, pyrotechnic and combined electrical and pyrotechnic power transmission for these purposes.

Industry  
Partner

ASTOTEC

**ASTOTEC** is a dynamic Austrian industrial and technology company with a worldwide reach and vision. They cater to diverse sectors, including the automotive industry, mining, explosives, and specialized pyrotechnic applications. Leveraging the extensive experience and technical expertise, they play a crucial role in saving lives in milliseconds.

## Mission

- ▶ **Create** new applications for tensioning systems within automotive and non-automotive industries, while considering the prevailing safety and mobility megatrends.
- ▶ **Design** the necessary detection and control units for the most promising applications.
- ▶ **Perform** a comprehensive market analysis, including potential market size and yearly demand projections, as well as an overview of existing products and applications in the market.

