ELIOS

^{ero-emission aircra}

Revolutionizing the aviation industry with innovative hydrogen storage technologies

About H2ELIOS

The H2ELIOS project is an ambitious research and development project focused on the **development** of an innovative hydrogen storage solution for aviation use.

Hydrogen-powered aircrafts are seen as a promising solution to the problem of increasing CO₂ emissions from aviation.

Our goal is to **reduce emissions and minimize the**

environmental impact of the aviation industry by developing a lightweight and cost-effective solution for storing liquid hydrogen.

The H2ELIOS project will be at the forefront of hydrogen storage technology in aviation. Our ultimate aim is to develop a hydrogen storage system that can be seamlessly integrated into an aircraft's primary structure.

We will be using sustainable, lightweight polymer-based materials for the tank structure and employ automated techniques for will manufacturing to ensure close tolerances and high-quality finishes. This will not only provide a more environmentally friendly solution, but also improve the overall efficiency of the aircraft.

HYDROGEN

Innovative Technologies

Key Features





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