

HYIMPULSE AND PARTNERS RECEIVE EUR 2.6 MILLION FUNDING FROM THE STATE OF BADEN-WÜRTTEMBERG

November 2022, Neuenstadt am Kocher, Baden-Württemberg, Germany

"Rocket technology, made in Baden-Württemberg", with a highly interesting technical requirement profile, is now entering the implementation phase. On November 21, 2022, the project partners Astos Solutions GmbH, enGits GmbH, the Institute of Aircraft Systems at the University of Stuttgart and HyImpulse Technologies GmbH launched the project "HyGo - Hybrid, Green Upper Stage" with a kickoff meeting.

The state of Baden-Württemberg is providing funding of 2.6 million euros for the project as part of its invest-BW program. The project partners were able to convince the jury and the responsible economic committee of the state parliament of Baden-Württemberg that their project was worthy of funding. The aim of the project is to develop an upper stage for an orbital rocket using innovative, sustainable, and cost-saving technologies.

The development of the central part of a rocket requires good coordination of the work areas such as structural development, fluid system, aerodynamics, electronics as well as software development. The foundation for this was laid at the first project meeting.

"With this project, HyImpulse Technologies is making an important contribution to the realization of a launch vehicle to provide independent access to space in the near future," says Dr. Mario Kobald, CEO of HyImpulse. "We are pleased to have succeeded in obtaining funding for this joint project to develop an upper stage for our SL1 orbital rocket, which is based on hybrid rocket engines using candle wax as propellant," adds Dr. Christian Schmierer, also CEO of HyImpulse. Both managing directors are excited to now be on track with the project.

"It fills us at Astos Solutions with pride to make a decisive contribution to the launch vehicle - Made in Baden-Württemberg - with the development of a central component and to redefine the limits of what is technically achievable," says Dimitrios Gkoutzos, Head of Department GNC/AOCS at Astos Solutions.

"We are looking forward to an exciting space project and the fact that it will enable us to create high-tech jobs in the southern Black Forest," says Dr. Oliver Gloth, Managing Director of enGits GmbH.

"By optimizing the flight electronics, we can contribute to making the launch vehicle powerful, economical and safe. The project enables the University of Stuttgart to work on very interesting scientific and certification challenges," says Prof. Björn Annighöfer from the Institute of Aircraft Systems at the University of Stuttgart.

gefördert durch das



Baden-Württemberg

MINISTERIUM FÜR WIRTSCHAFT, ARBEIT UND TOURISMUS

The implementation of the project will build competence in the "New Space" sector and create jobs in the region. This opens a new chapter in the economy of Baden-Württemberg.

PRESS RELEASE



For all media inquiries, please contact pr@hyimpulse.de.

Links:

- [Astos Solutions GmbH](#)
- [enGits GmbH](#)
- [Institut für Luftfahrtsysteme | Universität Stuttgart \(uni-stuttgart.de\)](#)
- [HyImpulse Technologies GmbH](#)
- [Pressemitteilung Landtag Baden Württemberg - 91/2022](#)