

HYIMPULSE ROLLS OUT SUBORBITAL SOUNDING ROCKET SR75

3rd March 2022

On 2nd March 2022, HyImpulse rolled out its suborbital sounding rocket SR75 at its headquarters in Neuenstadt am Kocher, Germany. We had the chance to celebrate this key milestone with special guests from the European Space Agency.

We were very delighted and honored to welcome Josef Aschbacher, ESA Director General, Daniel Neuenschwander, ESA Director of Space Transportation, and Thilo Kranz, Head of the Space Transportation Technology Coordination Office. This high-level delegation from the European Space Agency (ESA) was impressed and appreciated HyImpulse's efforts and achievements. We are very much looking forward to continued support for NewSpace startups in the launch provision sector.

The sounding rocket SR75 is available for customers to perform microgravity experiments or atmospheric research. At the same time, it also serves as our technology demonstrator. It is an important flying test bench for qualification of several critical technologies for our orbital launcher SL1. These technologies include the fully in-house developed, novel hybrid propulsion system and the proprietary LOX compatible lightweight liner less CFRP tanks.

The first suborbital demonstration flight will take place in Q3 2022. A possible launch site is the Saxa Vord Spaceport in UK. Successive flights will offer the capability to launch up to 350 kg payload to 200 km peak altitude and providing up to 300s of microgravity conditions. The SR75 maiden launch will introduce many new technologies to the European space industry at high technology readiness level!

"I'm very proud of what my team has achieved with this development. Everyone has been working hard in the last months to get to our first flight hardware ready today." Isabella Verri, SR75 project manager.

"SR75 is our first product, and it has received already a lot of customer interest. We are excited to present the SR75 flight hardware to the public today. It will be a thrill for us to do the first big launch of a European launcher startup later this year." Mario Kobald, CEO of HyImpulse.

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PRESS RELEASE

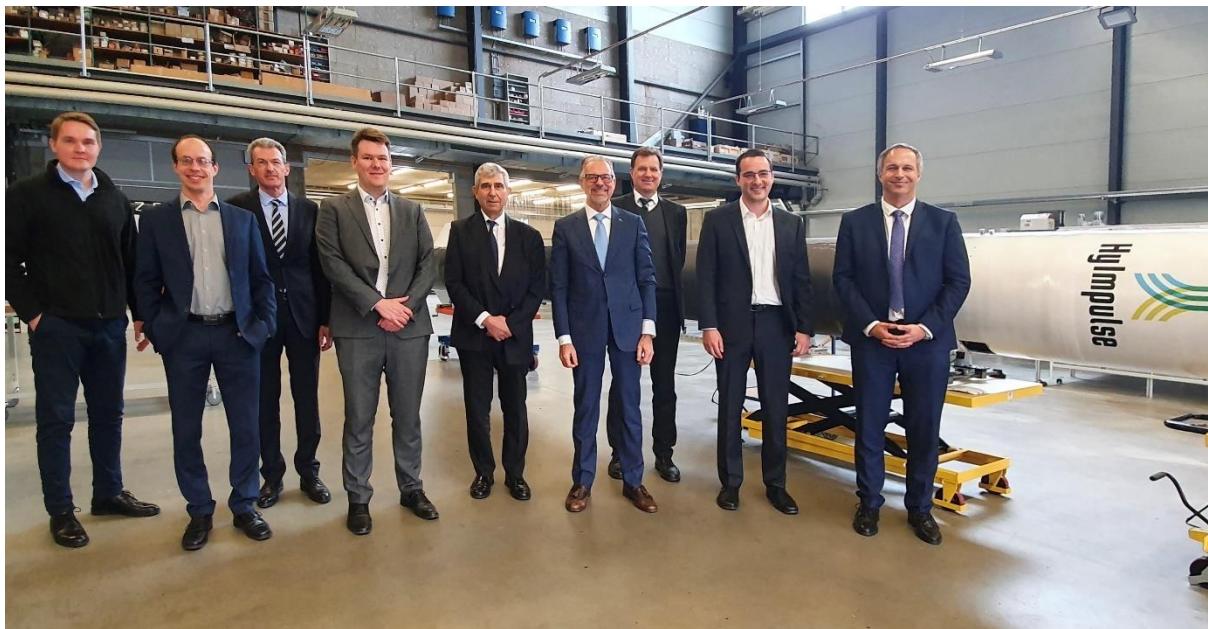


Figure 1: ESA delegation including Director General Josef Aschbacher and the Hylimpulse management team



Figure 2: Suborbital sounding rocket SR75 first flight hardware