

## **ALPAO reaches a new major milestone in its development and confirms its position as world leader with the obtaining of a large industrial order**

**Grenoble (France) – July 12, 2022 – ALPAO confirms its position as world leader in the field of Deformable Mirrors (DM) and Adaptive Optics with the signature of a major industrial order for the manufacture of deformable mirrors that will be used in ophthalmological systems for the retina.**

ALPAO, the world leader in the field of Adaptive Optics, has signed a contract to supply more than thirty deformable mirrors internationally, which will then be integrated in Optical Coherence Tomography (OCT) systems. OCT is an imaging technique primarily used by ophthalmologists. Non-invasive, it allows to observe the structure of the eye, especially the interior of the retina. OCT offers new solutions for ophthalmological diagnosis and treatment: faster, innovative and more comfortable for patients. Some diseases can then be detected (and treated) at earlier stages.

In real terms, ALPAO's Deformable Mirrors, designed and manufactured in Grenoble (France) facility, will correct optical aberrations and thus improve the resolution of the cameras used.



*« ALPAO is enthusiastic about this new contract which consolidates and enhances the orders received in previous years by the same customer. ALPAO's state-of-the-art technology, production capabilities, technical support and expertise in the field of Adaptive Optics have convinced the customer to commit to more than 30 deformable mirrors which, thanks to the exceptional improvement of the image resolution, will ensure them a competitive advantage in their market. This order confirms our position as a world leader in the field of Adaptive Optics and reinforces our industrial development strategy»* said Piero BRUNO, Sales and Marketing Director of ALPAO.

### **About ALPAO**

The aim of ALPAO, leader in optical wavefront control, is to revolutionize optics by removing aberrations. ALPAO has been designing and marketing a full range of adaptive optical products for research and industry since 2008. ALPAO markets deformable mirrors, wavefront sensors and software. ALPAO products are tailor-made for various applications such as astronomy, ophthalmology, microscopy, wireless optical communications and laser technologies. ALPAO has developed many products over the years, such as deformable mirrors (DM), its own wavefront sensor for closed loop operations, the DM97-08 dedicated to ophthalmology, a large size (DMX) and a modal (DMM) deformable mirror for industry. It also delivered the largest European deformable mirror at the end of 2018, which includes 3,228 actuators. With over 10 years of experience in adaptive optics, ALPAO deformable mirrors offer large strokes, high dynamic motion, high resolution images and very good optical quality. ALPAO is an international company with customers over 4 continents in more than 20 countries. Over 90% of its turnover comes from export.

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