

NEW GENERATION WAVEFRONT SENSORS BASED ON THE METHOD OF CODED DIFFRACTION PATTERNS

NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA

Eiropas Reģionālās
attīstības fonds

I E G U L D Ī J U M S T A V Ā N Ā K O T N Ē

14.02.2019.

Project implementation – 28.09.2018. – 31.01.2019.

Project number: KC-PI-2017/105

Project scientific leader: Dr. Phys. Sergejs Fomins.

On the implementation of the project (period - 28.09.2018 - 31.01.2019.) Within the framework of project No. KC-2017/105 “New generation wavefront sensors using coded diffraction structure method”, a prototype optical schematic and operation principle were updated in the start-up phase, as well as progress in the procurement procedure of prototype components.

After the closing of the procurement and the supply of components, a prototype optical and mechanical components assembly in the laboratory, its tuning and performance testing with an optical telescope will take place. Also, the prototype speed-up measures will continue in this phase.

Within the framework of the project activity “Development of marketing strategy for commercialization offer, Development of technology presentation and Communication with market, demand / needs analysis”, the offer for development of marketing strategy of commercialization was started. There has also been work on technology positioning in the adaptive optics market and a technical design activity.

From 05.11.2018 until 09.11.2018 The project team participated in the New Space Conference and Bootcamp event (organized by Paul Irbins and LMT). Important contacts with industry have been established during the event.

We continue preparations for international events in astronomy and adaptive optics.