

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

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

Project number: KC-PI-2017/105

Project scientific leader: Dr. Phys. Sergejs Fomins.
30.09.2020.

Project implementation – 01.07.2020. – 30.09.2020.

Improvements of the sensor performance were continued, including linearity assessment, transformation of the phase to mirror signals, determination of classical wavefront characteristics. Activity started for sensor performance comparison with SH sensor.

Contacts are maintained with local observatories, visit made to private observatory, and equipment assembling approaches were tested.

We continued to communicate with foreign and local experts in the field of adaptive optics and astronomy. An in-depth study of optimal market segments for initial penetration is finished. The ability of technology to reach the amateur and professional markets is identified. Team has acquired worldwide data on adaptive optics market.

Technology descriptions are finished and transferred to law office for patenting. Know-how protection activities started during period.

Due to COVID-19, the plans for participation in the events have been revised and the applications have been moved according to the new announced dates of the events.