

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.
31.03.2021.

Project implementation – 01.01.2021. – 31.03.2021.

The project continued to test the operation of the newly developed sensor in conditions simulating turbulence. The closed connection with the deformable mirror has established and algorithm for fast turbulence correction was improve. Graphical interface has been upgraded.

The team continued to communicate with potential partners, directing activities to further field tests. A solution for the application in amateur astronomy has been developed.

We continued to communicate with foreign and local astronomers, to whom the improved information about the sensor data was sent. Commercialization strategy was updated to recent developments.

The project team participated in the European Photonics Industry (EPIC) event where the sensor operation and potential applications were demonstrated.

Possibilities for intellectual property protection of amateur astronomy solutions have been explored.

Team has revised plans for participation in events, possible travel times, and field test options, in relation to the situation with COVID-19.