

NACIONĀLAIS  
ATTĪSTĪBAS  
PLĀNS 2020



**EIROPAS SAVIENĪBA**  
Eiropas Reģionālās  
attīstības fonds

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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.**  
**30.09.2021.**

**Project implementation – 01.07.2021. – 30.09.2021.**

The project completed telescopic adaptation of solution for amateur segment. Algorithm improvements and bug fixes made. Improved graphical interface. Revised and improved general wavefront sensor solution.

The team continued to communicate with potential partners. Additional measurements were performed and answers are provided in the context of commercialization. The latest data on sensor operation has been provided to interested parties.

Team continued to work on the description of the know-how of the amateur astronomy solution and the comparison of the technology with other wavefront measurement methods.

The team has once again discussed with the administration of the institute the possibilities of further developments.