



Līdzfinansē
Eiropas Savienība



Nacionālais
attīstības plāns

ADVANCEMENT OF ROLL-TO-ROLL DEPOSITION TECHNOLOGY FOR SMART WINDOWS AND ANTIMICROBIAL COATINGS (R2R-SWAC)

Project No. 1.1.1.3/1./24/A/077

Projekta duration: 01.06.2025. – 31.05.2028.

Leading partner: Institute of Solid State Physics, University of Latvia
Partners: Sidrabe Vacuum Ltd.
AGL Technologies Ltd.

Project total sum: 651 899 EUR
ERDF funding: 506 249 EUR

On the implementation of the project (period 01.03.2026 – 31.05.2026)

During this stage of the project, photochromically active sample series were fabricated on the UV80 system for optical thickness measurement calibration using profilometry. Additionally, samples were prepared to evaluate the impact of venting the chamber to atmosphere on the photochromic properties under various venting scenarios. The samples were delivered to ISSP (Institute of Solid State Physics) for further investigation. An aluminum magnetron was prepared and tested for the sputtering of a protective coating.