

Title of the operation: **NEW PANEL WALLS BASED ON ADHESIVE WITH HIGH CONTENT OF NATURAL INGREDIENTS**

Consortium: Cleangrad d.o.o. and Mitol d.o.o.

Duration: 2nd November 2022 - 1st November 2024

Project value: 727,532.51 EUR

Estimated co-financing value: 298,339.74 EUR

„Funded by the European Union - NextGenerationEU“

The operation »NEW PANEL WALLS BASED ON ADHESIVE WITH HIGH CONTENT OF NATURAL INGREDIENTS« is co-financed with the support of non-repayable funds from the **European Union – NextGenerationEU, within the Public Call – Incentives for Research and Development Projects NOO (JR RRI NOO)**. The investment is part of the measures of a plan financed by the Recovery and Resilience Mechanism (www.noo.gov.si).

Call website:

<https://www.spiritslovenia.si/razpis/382>

Purpose and objective of the operation:

In the R&D project for the development of highly recyclable panel walls for cleanrooms based on adhesive predominantly made of natural ingredients, the two companies in the development consortium will combine their research efforts to develop an innovative and environmentally friendly product that will meet the strictest sustainable criteria of sterile technology for installation panels in cleanrooms. The project of highly recyclable panel walls for cleanrooms brings exceptional results that will impact sustainable construction. The walls will be recyclable, made with natural materials, and the adhesive used in their production will contain 65-80% natural raw materials. Partition walls for cleanrooms will be used in the pharmaceutical industry, healthcare, microbiology, food and nuclear industry, nanotechnology, microelectronics, and research institutes. This means that based on the R&D project, we will boldly support the sustainable construction of these demanding facilities. The collaboration between Cleangrad and Mitol companies has been ongoing for 20 years and started shortly after the establishment of Cleangrad company in 2002 when, at the initiative of Cleangrad's development technologists, Mitol developed the first "2c PU" adhesive for bonding sandwich panels for the production of walls for cleanrooms in Cleangrad.