
Enclosed electronic devices made by one-time reactionary injections of 100% renewable resources

Project name and number

Enclosed electronic devices made by one-time reactionary injections of 100% renewable resources - RIMPLAN
7D19010

Programme, provider

Program Eurostars 2
The Ministry of Education, Youth and Sports

Applicant in the Czech Republic:

Navigate Corporation

Other project participants:

Montzener Kunststoff (Germany), Technische Hochschule Wil (Germany), Sara Commerce (Bulgaria), Georganics Ltd. (Slovakia)

NAFIGATE Corporation in cooperation with four partners are implementing the project “Enclosed electronic devices made by one-time reactionary injections of 100% renewable resources” from 1.1. 2020 to 1.7. 2022.

The project focuses on a new type of materials for the production of sealing elements for electronic devices achieved by an injection process and by using one-component technology for the outer casing. The project also includes the development of moulds and technology for fast cycles at low injection temperatures. The material is based solely on renewable resources. This new type of material made from biomass will be used to produce enclosed electronic devices with higher quality and better properties.