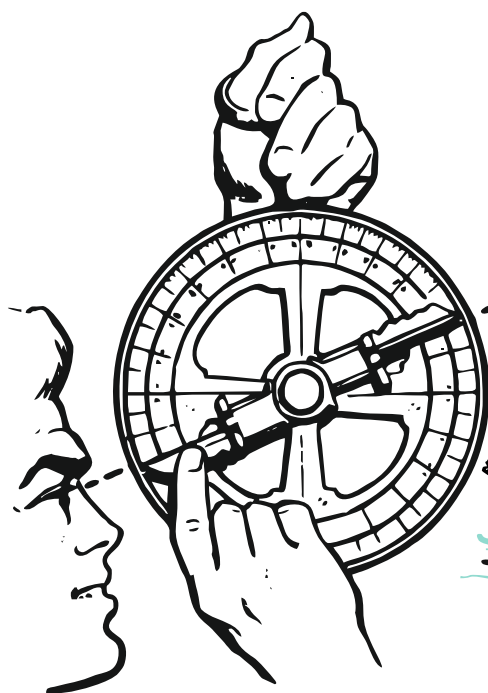




Łukasiewicz
Institute of Heavy
Organic Synthesis
BLACHOWNIA



HORIZON
europe

TOPIC ID:
HORIZON-JU-CBE-2024-IA-06

**Innovative bio-based adhesives and binders for circular products
meeting market requirements**

**Development of a new, halogen-free flame retardants for bio-based
adhesives and/or binders**

- Type of project: Innovation Action (IA)
 - TRL: 6-7 at the end of the project
- Call deadline: 18 September 2024

ABOUT US

Lukasiewicz-ICSO "Blachownia" specializes, among other areas, in the synthesis and characterization of flame retardants. Over recent years, we have actively engaged in projects focused on synthesizing and characterizing flame retardants tailored for wood-based panels and PUR foams. Additionally, we are currently conducting R&D work aimed at identifying commercially viable alternative to bromine-based flame retardants typically employed in PUR foams. Furthermore, our research extends to pioneering synthesis of innovative flame retardants designed specifically for textiles.

OUR IDEA

In this call, we can offer the selection and synthesis of a flame retardants for a specific application in bio-based adhesives and/or binders. Additionally, we provide comprehensive chemical analyses of these compounds. Through this collaborative effort, the final product can achieve the desired flame retardant properties effectively.

We warmly welcome collaboration and discussions regarding flame retardants.



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