



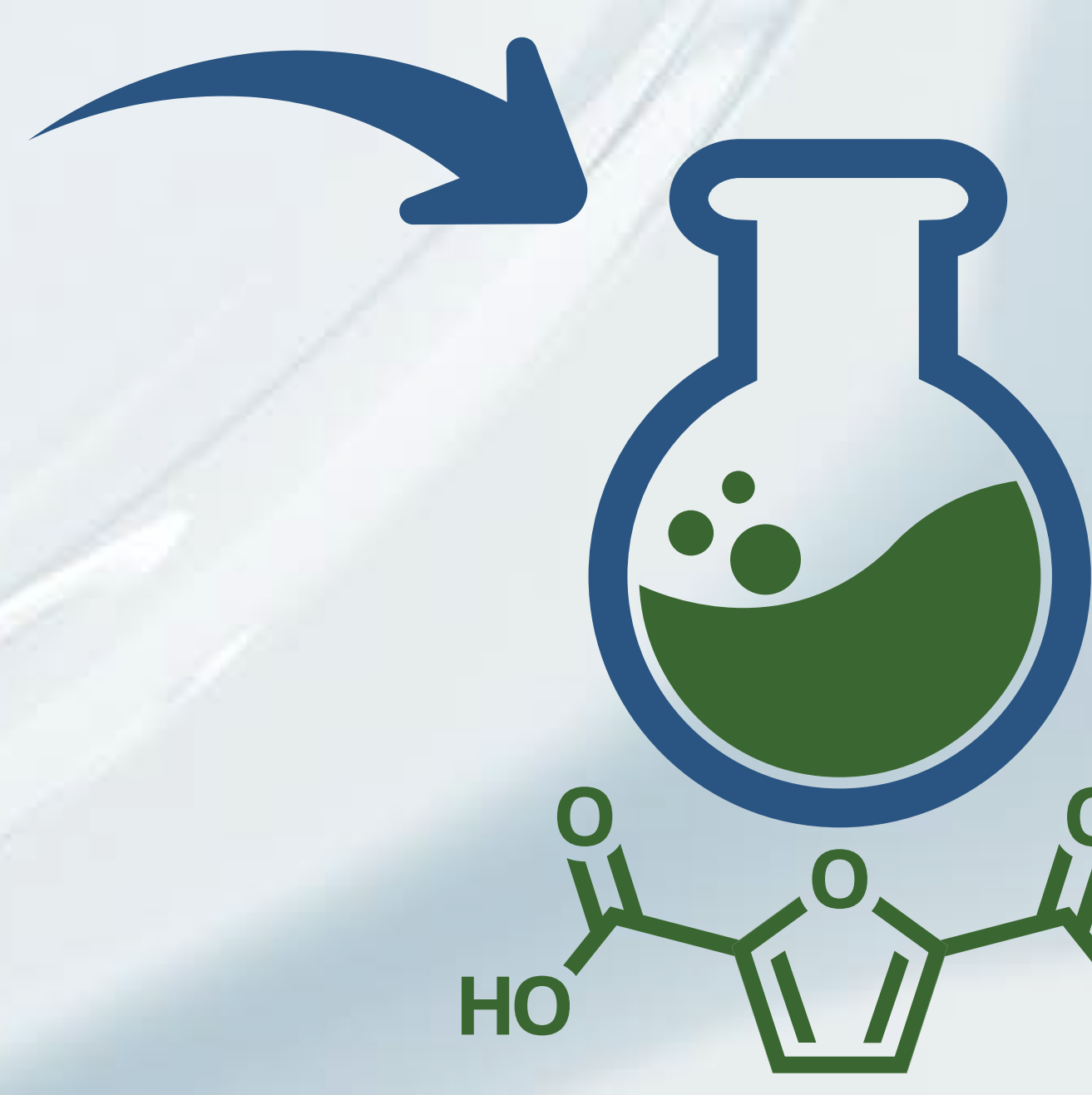
# FURIOUS

**VERSATILE FURAN-BASED  
POLYMERS FOR STRICT AND  
HIGH VALUE APPLICATIONS IN  
PACKAGING, AUTOMOTIVE AND  
UNDERWATER ENVIRONMENTS**

The FURIOUS project is creating innovative and versatile polymers derived from 2,5 furandicarboxylic acid (2,5-FDCA), expanding the range of bio-based mono-material solutions to be used in industries where traditional plastics remain prevalent.



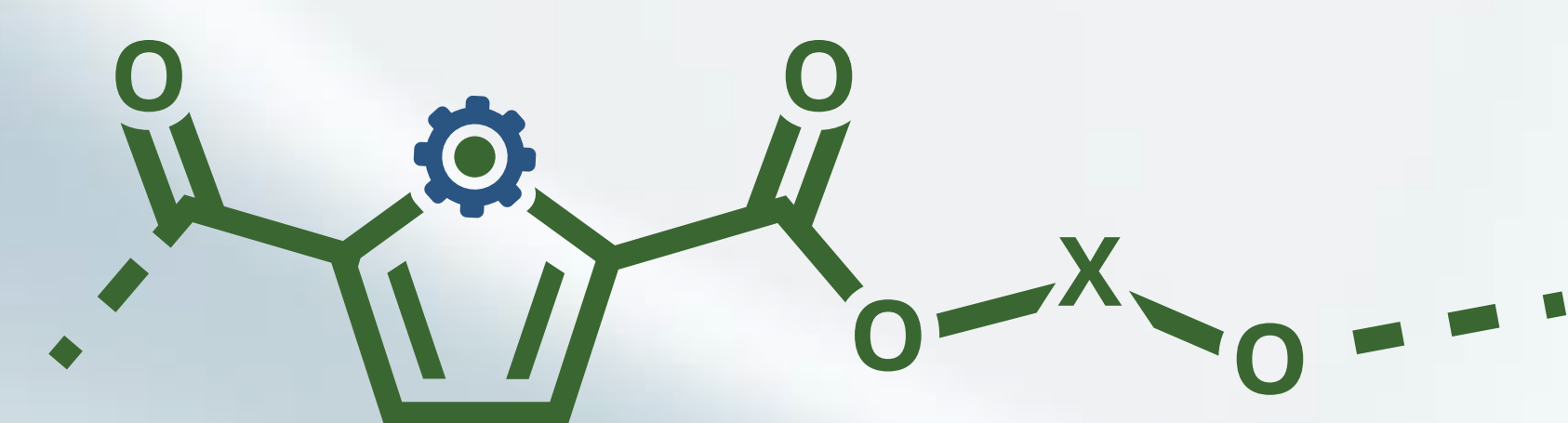
Agricultural waste  
Polysaccharide feedstock



2,5-furandicarboxylic acid  
2,5-FDCA



**HO-X-OH**  
Ad hoc chemical  
design & synthesis



**PXF**  
New furan-based  
thermoplastic polyesters

**FURIOUS  
polymers  
will be  
tested for:**

**1**

**Biomedical &  
electronic packaging**

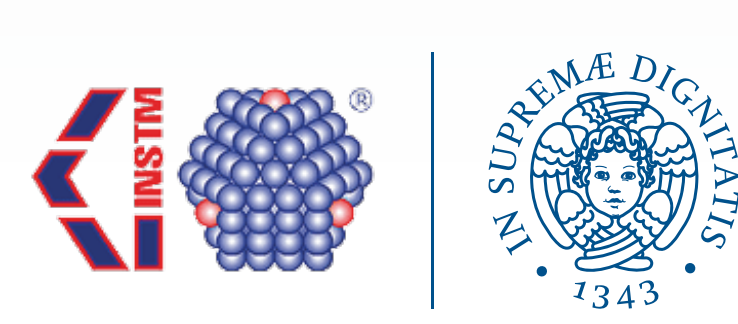
**2**

**Automotive  
parts**

**3**

**Underwater sensors  
& robots**

[www.furious-project.eu](http://www.furious-project.eu)



The project is supported by the Circular Bio-based Europe Joint Undertaking and its members. Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or CBEJU. Neither the European Union nor the CBEJU can be held responsible for them.