

EU Brokerage Event

on Industrial KET* in Horizon Europe

*Key Enabling Technologies

10th November 2022 • Strasbourg

Conference &
Bilateral/B2B Meetings

Calls
2023- 2024

Project idea/ Field of expertise:

A method for preparation of single-use **virucidal polymer textile materials** and **protective respiratory face masks**

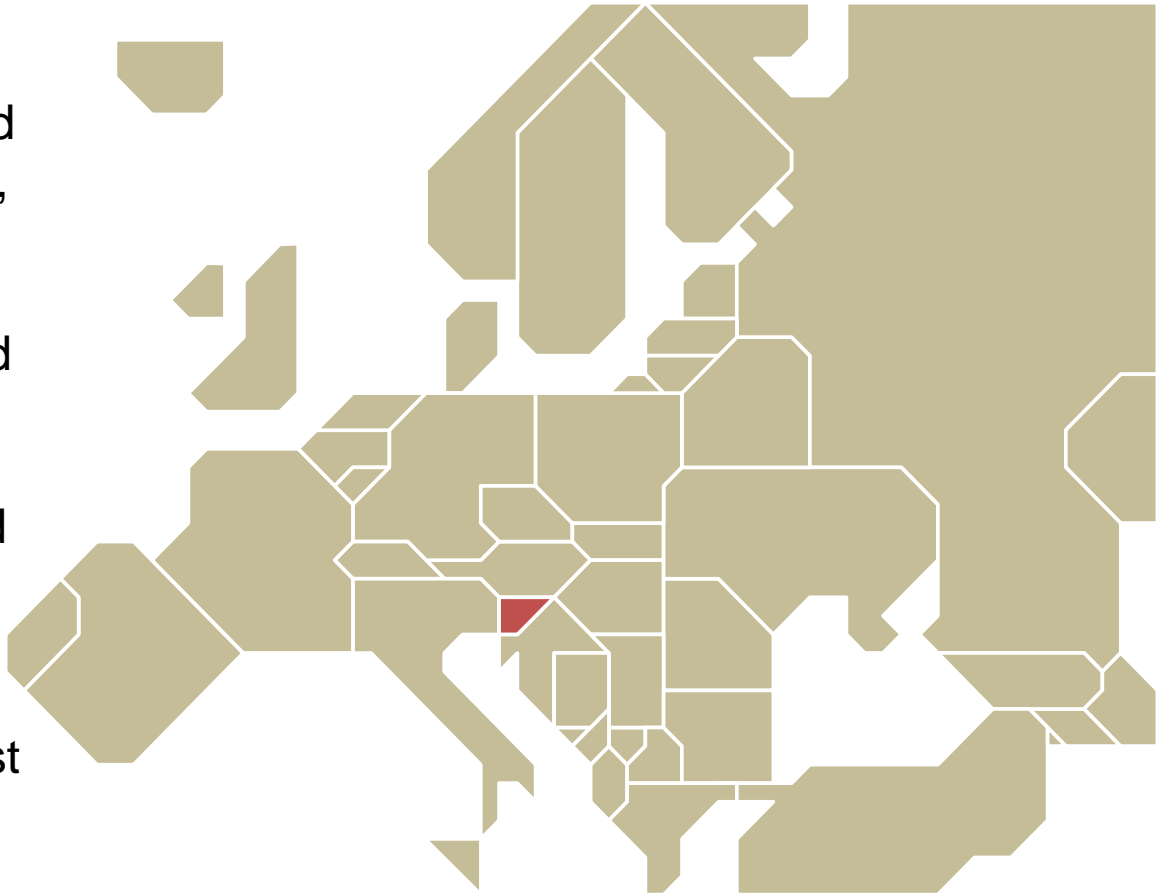
Organisation Name:

Jožef Stefan Institute, Slovenia

Addressed topic(s):

- Antiviral textiles which **capture & inactivate viruses**
- Better combat (future) pandemic
- Improve healthcare in hospitals, factories, offices, schools, at home

Jožef Stefan Institute, situated in Ljubljana, capital of Slovenia, is the leading Slovenian scientific research institute with more than 1000 employees and over 400 of national and international projects. Its scientific excellence is reflected in more than 1200 doctoral theses, over 340 patents filled and more than 1400 scientific articles published, many in most world-prominent journals.



28 research departments with

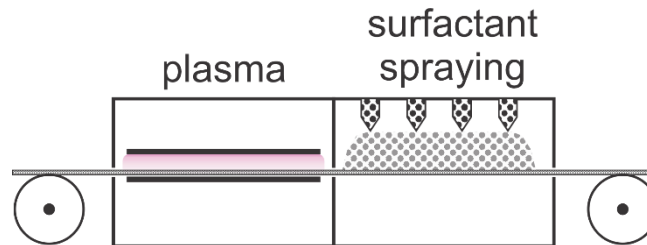
Excellent Basic and Applied Research in:

- electronics and information technologies,
- physics and nuclear technology,
- chemistry, biochemistry, new materials and environmental science.

- Key Enabling Technologies Technology Center (KET TC)
- Enterprise Europe Network (EEN Slovenia)
- Digital Innovation Hub (DIH4IJS)
- PATLIB Center

ANTIVIRAL POLYMER TEXTILES

The Jožef Stefan Institute (F4 at JSI) and the National Institute of Biology (NIB) have developed **innovative treatment method** for preparation of **virucidal polymer textile materials**, suitable for the production of single-use medical and hygienic products such as respiratory face masks, which **not only capture but also inactivate respiratory viruses**.



Safe, low-cost, scalable, reliable

Mask performance unaffected, virus destroyed



JOINT VENTURE

Looking for partners:

- further development & scale-up
- technical cooperation and license agreement



Contact details

Contact person

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B2Match profile	https://kets2022.b2match.io/participations/180992
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