



## Press Release

April 2023

### **HosmartAI has selected SoftLungX as one of the more innovative pilots for smart healthcare**

**Bioengineering Research and Development Centre (BioIRC) and University Clinical Centre Kragujevac (CCKG) are taking part in the EU-funded HosmartAI project to design, develop, deploy, operate and assess an AI/Robotics pilot**

#### **What is HosmartAI?**

HosmartAI – “Hospital Smart development based on AI”, is an EU-funded project, that aims to promote an effective and efficient healthcare system transformation, by the use of AI technological developments and robotics.

The HosmartAI platform can play a key role in this transformation, by providing a common open integration platform with the necessary tools to facilitate and measure the benefits of integrating digital technologies (robotics and AI) for healthcare professionals, patients, information system managers and health organisation administrations.

To increase the outreach and adoption of the HosmartAI platform, HosmartAI launched an Open Call for consortia to deploy new pilots across the EU, within various types of healthcare entities. Only four spots were available.

SoftLungX is taking part in HosmartAI to [develop deep learning model for classification of patients’ radiological scans of lungs into multiple distinct respiratory diseases and risk classes based on the severity of the disease](#). SoftLungX will create a comprehensive deep learning model capable of recognizing and distinguishing between instances of COVID-19, emphysema, hernia, mass, pneumonia, pulmonary edema etc. using patients’ radiological scans and then classify these patients into multiple distinct risk classes based on the severity of the disease.

#### **How does it work?**

Through a 12-month programme – the EXPERIMENT programme -, the 4 Open Call winners will design, develop, deploy, operate and assess an AI/Robotics pilot for smart healthcare.

Each selected consortium will be provided with grants up to €145k, support services for the development of their experimental pilot, access to the HosmartAI ecosystem, visibility and the opportunity to work with innovative European healthcare stakeholders.

## Follow our journey through HosmartAI!

Take a look at the [HosmartAI Open Call winners' portfolio](#) to see more information about the selected projects.

To read more about HosmartAI please visit the website: <https://www.hosmartai.eu/>

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