



REPUBLIC OF SERBIA
MINISTRY OF FINANCE
Department for Contracting
and Financing of EU Funded Programmes

MINISTRY OF EDUCATION, SCIENCE
AND TECHNOLOGICAL DEVELOPMENT

MINI AND MATCHING
GRANTS PROGRAMME

INNOVATION
FUND

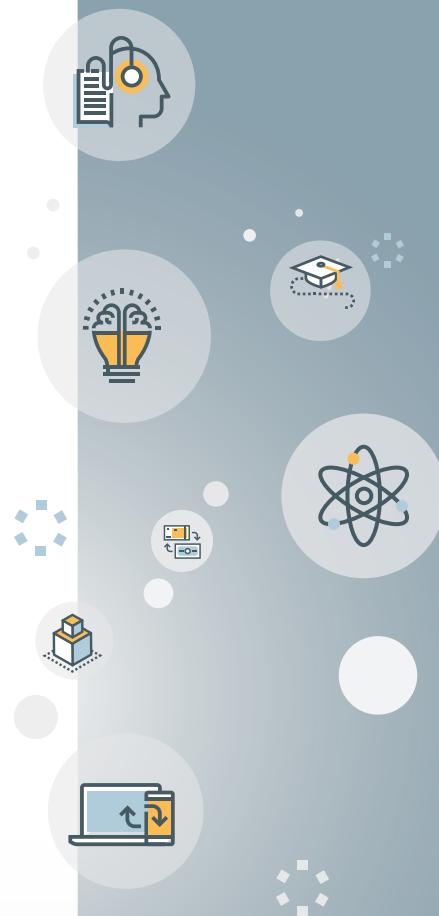


#EY
ЗА ТЕБЕ

THE PROJECT IS CO-FUNDED
BY THE EUROPEAN UNION

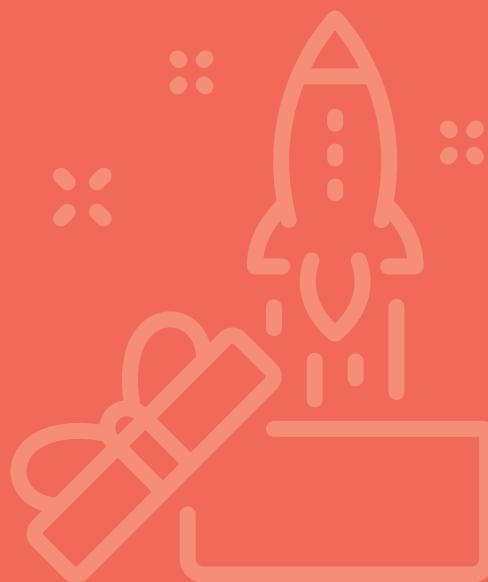
SERBIA AND EU:
PARTNER SUPPORT

INNOVATION KEY TO SUSTAINABLE DEVELOPMENT.



SUPPORT FOR INNOVATION DEVELOPMENT

One of the priorities of the Government of the Republic of Serbia is the development of entrepreneurship based on knowledge and innovation, which is reflected in the continuous allocation and increase of funds intended for financing innovations through the Innovation Fund. At the same time, from the very beginning of the operational work, the European Union is a key partner of the Government of the Republic of Serbia and the Innovation Fund in strengthening innovative entrepreneurship.



This brochure was published with the financial assistance of the European Union. The Innovation Fund is solely responsible for the content of this brochure and this content does not in any way express the official views of the European Union.

SINCE 2011, WITH THE WHOLEHEARTED SUPPORT OF THE EUROPEAN UNION, THE INNOVATION FUND

encourages and supports
the development of new
products with high added
value



improves the links between
research, technological
development and the
economy



WITH THE AIM OF

**ENCOURAGING ECONOMIC
GROWTH THROUGH
INVESTMENTS IN
INNOVATION.**





2018–2021.



EUR 4.5 mil.



EUR 2.5 mil.

from the
European Union



EUR 2 mil.

from the
Republic of Serbia (Ministry
of Education, Science and
Technological Development)



33 beneficiaries

MINI GRANTS PROGRAM



Up to EUR 80,000



70% of the total approved budget



Micro and small enterprise up to 5 years of age



Projects up to 12 months in duration

MATCHING GRANTS PROGRAM



Up to EUR 300,000



70%, or 60% of the total approved budget



Micro, small or medium enterprise



Projects up to 24 months in duration

After the **Innovation Support Project in Serbia (2011-2015)**, which was assessed as very successful in establishing and implementing the first support programs of the Innovation Fund, additional funds were provided for continued financing of enterprise innovations under the **Mini Grants Program** and **Matching Grants Program** through the project:

DEVELOPMENT OF NEW PRODUCTS AND SERVICES THROUGH THE COMMERCIALIZATION OF RESEARCH IN SMES



2018.

May 31 - Signing of the Agreement on direct grant between the Innovation Fund and the Ministry of Finance (Sector for contracting and financing programs from European Union funds), which becomes effective on **December 1, 2018**

BEGINNING OF THE PROJECT



2019.

March 28 - Announcement of the Public Call



2019.

December 5 - Awardees Ceremony



2020.

Project implementation

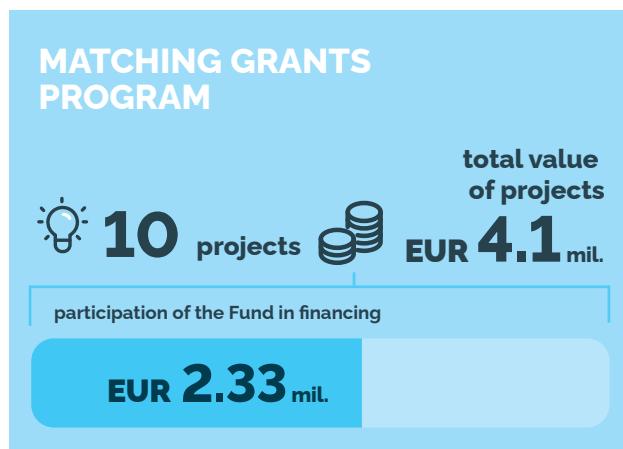


2021.

November 30

END OF THE PROJECT

FROM IDEA TO REALIZATION



A total of

33



projects of companies

for the development of innovations were supported with



EUR 6.25 mil.

EUR 4.07 mil.

EUR 2.18 mil.

 Fund
 companies



RESULT



56

56 new high value-added products/services have been developed



27

There are **27 new products/services** on the market



900

~ **900 thousand euros** were generated from the sale of new products/services during the implementation, i.e. the first **6 months** from the end of the project



15

15 patent applications have been filed

INNOVATION AT WORK



"**VR-ALL-ART** is a completely new kind of presentation of culture, it is a time machine. The reactions of the audience are great, so I believe that museums will be significantly transformed in the future and that they will become points where culture, education and experiences merge."

Vitomir Jevremović,
Digital Mind



By studying medicinal herbs and all the benefits that its application brings, doctors of science in the field of biochemistry founded **HerbELixa**, and thanks to financial support, they developed a completely new revolutionary product **HerbELICO®** that suppresses infection caused by Helicobacter pylori.

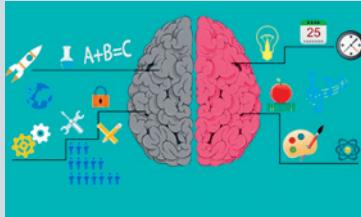


"With the support of the program, we created a software solution that combines the **Motion Capture** technique with the classic animation technique. This enables animators to easily and efficiently process Motion Capture data in the animation process, without increasing production costs."

Nikola Vulović,
Animanistan



Thanks to the **smart glove** developed by the young team of the **Anora**, company, blind and partially sighted people will be able to orient themselves in space more easily, recognize colors, banknotes and objects, and guardians or friends will be able to follow their movements.



Thanks to financial support, **Just Smart** managed to improve the **Shtreber** platform and offer it completely free and safe for middle school children as a learning tool. The motivational platform was developed with the aim of creating digital interactive lessons based on the game model involved in the learning process itself.



For people with disabilities of the lower extremities, **Pirate art** has designed unique aesthetic coatings **COVER** with the aim of raising self-confidence, which has a positive effect on their social integration.

Supported innovative projects

MINI GRANTS PROGRAM

ABSTRACT

Abstract Cyber Forensics

The Belgrade-based company has developed a software solution backed by artificial intelligence that enables brands to improve the investigation process in cases of global counterfeiting. This solution helps customers prevent revenue loss and preserves brand reputation and consumer confidence.

CARSYNC

CarSync

CarSync is a new cloud-based platform that allows its users to earn extra money by offering their vehicles for rent. This solution aims to solve some of the biggest problems in similar solutions such as scheduling, communication, operations and measuring success.

SMARTFIREBLOCK

Smart Fire Protection

A startup from Kragujevac has developed a new technology for the production of passive fire protection tape, made from recycled raw materials and biological materials. The new cost-effective solution offers long-term fire protection, but also reduces the negative environmental impact associated with fire protection technologies.

ANIMANISTAN

Mocap Compatible Keyframe Autorig Plug-in - McKap

The Belgrade-based company offers a software add-on that enhances the 3D animation production process for small and medium-sized studios. Their addition to the leading 3D software in the virtual effects industry makes it easier to use motion capture data without increasing the cost of production.

PIRATE ART STUDIO

Aesthetic covers for people with disabilities

Using 3D technology and photogrammetry, this Belgrade startup company offers economical aesthetic covers for lower extremities prosthetics. By combining 3D printing and specific design, the new technology has a positive impact on the social integration of people with disabilities.

MECHATRONICS & MORE

Kuc-kuc Smart Lock

A startup from Novi Sad has developed a new smart lock that is used for easier access to apartments and rooms for rent. The new solution is based on Internet of Things technology, and also includes a cloud-based software architecture used to control access.

BOOSTOWSKI

Digital Retail Sales Manager

Boostowski offers an application for advanced training of retail workers. With a new methodology for assessing performance, identifying key performance indicators and improving skills, the application aims to increase customer productivity and sales.

JUST SMART

Shtreber

The Belgrade-based startup operates in the field of digital education and now presents a new multimedia educational platform for school-age children. This platform combines elements of education, games and interactive learning, with tools and methods that motivate further learning.

STOCK STUDIO

Stock Studio

Startup from Belgrade offers a comprehensive software solution (SaaS) for digital content management. This will make it easier for users to work and help them track their photo content across different platforms.

VIDEOSPACETV

VideoSpace BestView

A Belgrade-based startup with business experience gained in the United Kingdom uses artificial intelligence to improve the quality of video signal transmission for end users. This solution is compatible with existing solutions in this field and can perform the operation in real time thanks to the high speed of transmission and processing.

DIGITAL WORX

Maintenance management system 4.0

Digital Worx has developed a software solution for complete digital information sharing and use, which enables machine maintenance and management teams within manufacturing companies to efficiently lead a large number of field execution teams. The solution is intended for small and medium-sized industrial clients working in Industry 4.0.

CORTEN ART

Bioethanol mist burner

A startup from Šabac has developed a fireplace for use inside buildings, which offers high safety standards and uses bioethanol as fuel. This ecological solution is used for heat emission, but it can also be used for decorative purposes for house renovation and interior improvement projects.

INDUSTRIAL ANALYTICS

Momentum CMMS

The young Novi Sad-based company has developed a software solution that enables easier management and maintenance of inventory in health care institutions. This system also allows users to make error reports, follow a maintenance schedule and communicate with those providing a maintenance service.

PROPTER

Clash of Chefs World

The team behind Propter of Alibunar is leveraging its rich experience in the video game industry and developing a new virtual reality game in which players compete in preparing food from a variety of national cuisines. With new content and an alternative way of playing, the company aims to position itself in the family games market in virtual reality.

HUMANLESS AGRICULTURE TECHNOLOGIES

Bioinformatics and predictive analytics software for soil – plant management with near real time prescription tools

The Belgrade-based startup, which deals with information technologies in agriculture, has developed new software for plant cultivation management, which enables real-time predictions and provides cross-analysis from several sources. This software aims to solve some of the most common problems such as land maintenance analysis and generating high quality plant land maps.

HERBELIXA

HerbELICO

The company has developed a new herbal remedy to eradicate Helicobacter pylori that is resistant to antibiotics and attacks humans. The innovative natural formula is based on a mixture of essential oils obtained from special aromatic plants.

MIRACLE DOJO

Karate Do

A startup from Belgrade combines video game expertise with world-class karate fighters to develop a mobile phone game with karate champions (athletes) as in-game heroes. The new combat mechanics within the game simulate karate technique and realistic scoring in competitions.

ANORIS TECHNOLOGY

Anora - Smart Glove for Blind People

Anoris Technology has developed a multifunctional glove designed to help the visually impaired. Offering eight functions available at the touch of a button, this solution serves as an aid in performing daily activities and allows users to enjoy a better quality of life.

CUSTOM COMETICS

Ink Cosmetics

The company from Čačak combines knowledge from the field of pharmacy and modern art to create a new skin care product that is used after tattooing. The flexible polymer layer in this formula monitors muscle dynamics and provides a layer of physical protection, but also provides controlled release of active components which help the skin to heal.

ATFIELD TECHNOLOGIES

WINESSENSE SENSOR NODE

A startup from Bečej has developed a new device with a sensor for use in viticulture. The solution includes the ability to process data that uses artificial intelligence, which helps the user to prevent plant diseases and make a timely decision on irrigation, which increases yields and reduces losses.

GOROSTAS GAME STUDIO

Cryptic Legends Mobile Game

The Belgrade startup has developed a game for mobile phones inspired by characters from Slavic mythology, with blockchain technology that ensures ownership of the property within the game. Along with improved strategic and tactical elements, the game also includes the ability to collect elements and trade heroes.

WHITE LEMUR

SOMA Bioworks Development of biodegradable alternatives to plastic

The White Lemur team focuses its skills in the field of new materials to solve the problem of environmental pollution and renewable production. Their solution is a new biodegradable material from agricultural waste, which aims to serve as an ecological replacement for styrofoam.

CROPT

Smart Sowing Strategy

An ambitious startup from Novi Sad, strengthened by the expertise from the Biosense Institute, has developed a new solution for smart planning of the sowing process in agriculture. The solution is based on high-volume data analytics and state-of-the-art algorithms that aim to increase sustainability and reduce the risk of agricultural production.

Supported innovative projects

MATCHING GRANTS PROGRAM

CRATER STUDIO

Virtual studio for mixed-reality content (VISMIC)

CRATER STUDIO specializes in visual effects, creating a virtual studio for the pre-production of stage concept and visual effects in the film industry. By enabling previsualization of future visual effects and scene setting, this solution is very time and cost efficient and is especially suitable for medium budget films.

NovelIC

AURORA 4.0 - Autonomous Robot Radars for Industry 4.0

Using its range of high-tech sensor products created during previous years, this Belgrade hardware company has developed an advanced sensor for human detection and autonomous control of industrial robots. The new sensors enable significant cost optimization and will respond to some of the biggest challenges in Industry 4.0.

TIM-ING CENTAR

Development of the Next Generation CNC Bending Machines Controlled by 3D Cameras

The engineering team from Kragujevac is focused on creating a new generation CNC machine, which is based on advanced 3D camera technology. In addition to innovative solutions in machine design and electronic components, consumers will also benefit from a more sophisticated and efficient software solution to ensure high-precision processing.

PHYTONET

Novel solution for effective oral candidiasis treatment

Using his knowledge in the field of creating multifunctional food products and supplements, Phytonet has embarked on the development of products based on maqui berries that will be used to prevent and eradicate candidiasis. This solution significantly improves the therapeutic efficacy of oral antifungal drugs and reduces recurrence, and also acts as a prevention in cases where there is a possibility of developing oral candidiasis.

SUNCOKRET

Research & development of functional gluten-free crackers

The company from Hajdukovo, which deals with functional and healthy food, produces organic, vegan, gluten-free crackers based on the new formula. This protein-rich product is suitable for people who need high-quality functional food and a healthy diet.

ARS EMBEDDED SYSTEMS

ExtremeMotion

The company from Novi Sad has developed a new device and platform for motion detection which has its application in action sports. The platform includes a base with artificial intelligence that performs analysis and recognition of movements and gestures.

DIGITAL MIND

VR-All-Art

An IT Belgrade company with a presence in Switzerland has developed a premium platform for online exhibition and sale of works of art. The new virtual reality platform enables an integrated and widely available digital marketplace for galleries, artists, collectors and museums to display as well as buy and sell artwork.

NINOX

Ninox

Belgrade-based company Ninox is developing hardware and creating an advanced model of glasses with automatically adjustable lenses. It brings rich experience from the USA. Glasses are used for people with presbyopia (senile farsightedness). The product is based on the already existing patent of this company for the territory of the USA and is intended for the global market.

ZANUS

Intelligent broadcast robots

A young and enthusiastic team of engineers from Valjevo dealing with robotics and hardware has developed a state-of-the-art robotic broadcasting system for autonomous operations for video production. This solution is intended for studios and production companies and can cover various types of content, including high-level sporting events.

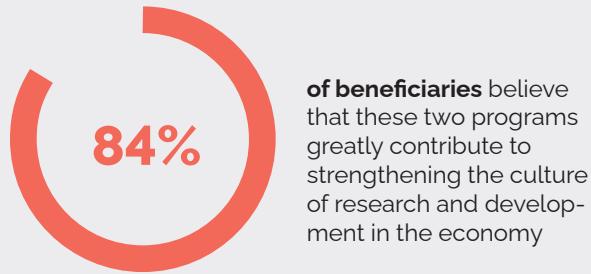
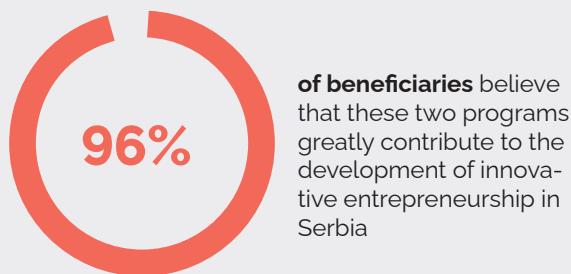
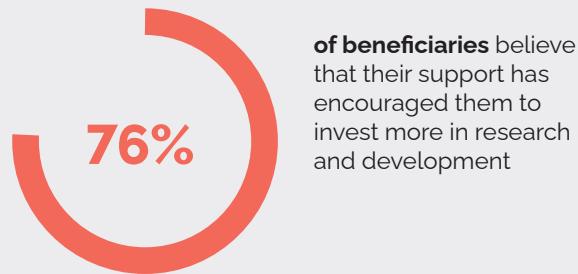
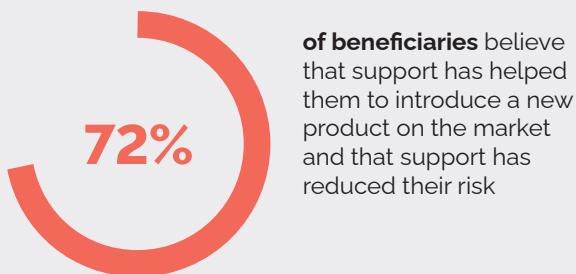
EURO HEAT

Waste Gas Innovative Economizer

The production company from Kragujevac has developed a new model of gas economizer with significantly improved performance and efficiency. The new geometry of this product brings size optimization and provide better heat exchange characteristics, with a higher degree of waste gas reuse thus improving the circular economy model.

We asked supported companies...

In general, did the program meet your expectations?



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