

THE RUĐER BOŠKOVIĆ INSTITUTE

MAKING SCIENCE WORK FOR BUSINESS

MICROCHIP TECHNOLOGY



INNOVATION

The RBI is the leading and internationally **most competitive Croatian institute** by virtue of its participation in international research projects, such as the IAEA and EC FP5-7 programs funded by the European Commission, NATO, NSF, UKF, SNSF, DAAD and other international scientific foundations.

LEADING POSITION IN EU FP7 PROJECTS

Since the beginning of FP7 program implementation in 2007, the RBI scientists have participated in 32 projects valued at around €11 million. Considering the fact that Croatia has completed slightly more than 250 projects total, the RBI is at an enviable leading position in Croatia.

EFFECTIVE TEAMING FOR YOUR SUCCESS

The RBI aspires to contribute to increasing competitiveness of Croatian economy and meeting the challenges of modern society through strengthened research and innovation capacity of the RBI while nourishing all three key priorities of the Horizon 2020 program: excellent science, industrial leadership and addressing societal challenges.

MULTIDISCIPLINARY SCI INCUBATOR

The Ruđer Bošković Institute is regarded as Croatia's leading scientific institute in the natural and biomedical sciences as well as marine and environmental research, owing to its size, scientific productivity, international reputation in research, quality of its scientific personnel and research facilities.

Today, the Ruđer Bošković Institute has over **300 scientists** and researchers in more than **80 laboratories** pursuing research in theoretical and experimental physics, physics and materials chemistry, electronics, physical chemistry, organic chemistry and biochemistry, molecular biology and medicine, the sea and the environment, informational and computer sciences, laser and nuclear research and development.

The RBI scientists actively participate in higher education in 78 undergraduate, 245 graduate and doctoral studies, thus making the RBI an equal partner to universities in the Republic of Croatia and abroad.

Due to its MANPOWER and well-organized infrastructure including a large number of valuable EXPERIMENTAL DEVICES, which comprise **50% of all scientific equipment in Croatia**, the Institute is able to maintain its activities at the **highest level** benchmarking itself against the very best in the European Union and forming an essential part of the European Research Area.

The RBI recognizes the importance of investing and further upgrading its infrastructure capabilities. In support of this momentum, the RBI has developed structural projects valued at € 100 million of which only the RBI capital project '**Open scientific infrastructural platforms for innovative applications in the economy and society**' is valued at more than € 50 million.

This EU Structural Funds project aims to create the basis for an innovation based economy in Croatia by focusing on RBI's most propulsive KET technologies, and likely Croatian Smart Specialization components.

THE SUCCESS OF THE RBI SCIENTISTS IN EU PROJECTS MAKES THE RBI A VALUABLE PARTNER TO THE INDUSTRY!

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ACCELERATE YOUR BUSINESS POTENTIAL BY PARTNERSHIP WITH THE RUĐER BOŠKOVIĆ INSTITUTE

DUE to knowledge, expertise and multidisciplinary approach to solving a variety of problems, project tasks and services available in the many RBI laboratories, the RBI provides great potential for cooperation with companies. THE BUSINESS SECTOR can benefit from knowledge transfer, technology and strong innovation capacities of the RBI, especially in the following sectors:

PHARMACEUTICAL INDUSTRY (development of new drugs, pharmacological substances synthesis, new high quality services), **FOOD INDUSTRY** (quality and origin control, development of new products...)
CHEMICAL INDUSTRY (improved technological processes, removal of harmful substances from production landfills...),
ELECTRONICS INDUSTRY (new products and technologies – result of applying detection and acceleration research methods), **BIOTECHNOLOGY COMPANIES** (microchips, biosensors, custom-made analyses...)
ICT COMPANIES (mobile applications, database, user services...)
FISH AND SHELLFISH CULTIVATORS



HALF A CENTURY OF TRADITION

The Ruđer Bošković Institute was founded in 1950 as a center for advanced research, and named after the famous Croatian 18th century scientist Josip Ruđer Bošković (1711 - 1787). Since its inception as the multidisciplinary non-profit governmental research institute, RBI has consistently endeavored to provide high-quality support to industry and academia nationally.

First decade of the new millennium has been exciting times for the Ruđer Bošković Institute. Although it has half a century long tradition in basic research, the RBI has proven to be successful in facing the challenges brought about by the globalization processes.

“BY FOCUSING ON RBI’S MOST PROPULSIVE KET TECHNOLOGIES WE ARE CREATING THE BASIS FOR AN INNOVATION-BASED ECONOMY IN CROATIA THROUGH STRUCTURAL PROJECTS WORTH OVER 100M EUR!”

PUT OUR KNOW-HOW AND PROJECTS TO THE TEST - CONTACT US FOR A CONSULTATION OR PARTNERSHIP TODAY!



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