CROATIAN INSTITUTE OF TECHNOLOGY

HIGH-TECH FOR ENTERPRENEURSHIP
INNOVATION IN CROATIA

The Government of the Republic of Croatia established a central institute of the Croatian technology network, the Croatian Institute of Technology, as an institution of Ministry of Science, Education and Sport, which provides the necessary mechanisms and support for ideas, discoveries and innovations from the academic and scientific communities.

The Croatian Institute of Technology (CIT) actively encourages cooperation between science, technology and business to increase the competitiveness of Croatian business on the global market.
THE ACTIVITIES OF CIT

The activities of Croatian Institute of Technology include:

• **TEST Program**: national funding of high-tech projects, administered through CIT

• **Technology Transfer**: advice, support and realization of protection of intellectual property and technology transfer

• **International Cooperation**: support and encouragement of participation in European research and development projects
THE ACTIVITIES OF CIT

• **Business Intelligence:** drafting business analyses to establish commercial and innovative potential of new technologies

• **Technology Foresight:** monitors and forecasts global technological trends
TEST PROGRAM

The TEST Program finances research & development activities in the development of new technologies from the preparation phase to the original solution, which includes the protection of intellectual property as a condition for success commercialization.

The TEST Program is open to all Croatian academic and research institutions.
ON GOING TEST PROJECTS

- Platform for free-created short-lived digital content for telecommunication services (2 yrs, 360,000,00 EUR)-22/10/07
- Photon Detector (2 yrs, 90,500,00 EUR)-13/11/07
- SOA online monitor-SOOM (2 yrs, 136,700,00 EUR)-19/03/07
- R&D, construction and design of a sophisticated portable polygraph-lie detector (2 yrs, 263,500,00 EUR)-01/04/08
- The application of dual-arm robot supported by dynamic vision system (3 yrs, 276,350,00 EUR)-07/05/08
ON GOING TEST PROJECTS

• New serum markers for monitoring treatment of fractures, and certain cancer ( 3 yrs, 200.000,00 EUR )-20/06/08
• Oral delivery of BMPs ( 3 yrs, 209.900,00 EUR )-20/06/08
• The system for cognitive training of sportsman ( 3 yrs, 112.570,00 EUR )-03/09/08
• Intelligent control the main drive system ( 2,5 yrs, 281.000,00 EUR )-15/10/08

16.6.2009
ON GOING TEST PROJECTS

• Regional referral centre for energy audits, energy efficiency and energy planning (2.3 yrs, 273,250.00 EUR) - 19/11/08

• Construction, development and implementation of target vectors (3 yrs, 138,400.00 EUR) - 27/11/08

• System for on line monitoring of the HV switchgear (1 yrs, 94,600.00 EUR) - 15/12/08

• Development of technologies for preserving vegetables with the application of ultrasound and high pressure (2 yrs, 344,000.00 EUR) - 03/02/09
ON GOING TEST PROJECTS

• Development of energy efficient wood kiln dryers heated by renewable sources of energy (2 yrs, 116.709,00 EUR)-20/04/09

• Prototype robotics system for assisting in surgery- ROKI (1 yrs, 257.432,00 EUR)-30/04/09
TECHNOLOGY TRANSFER

CIT actively participating in the commercialization of new technologies by recognizing and protecting intellectual property rights and by providing support and advice related to the transfer of technologies created within the Croatian scientific and academic communities.

The Institute assists scientific and academic institutions in developing the infrastructure necessary for protection of IP rights and it actively works to broaden education on and awareness of the importance of these questions.

It places special emphasis on commercialization of the results of projects financed under the TEST Program.
INTERNATIONAL COOPERATION

The CIT in conjunction with the Ministry of Science, Education and Sport is responsible for coordinating activities related to the Seventh Framework Program of the European Union (7th Framework Program-FP7).

National Contact Points FP7 (NCP) promote and facilitate the integration of Croatian scientists and researchers into the EU funded scientific programmes.

The CIT is developing a strong cooperation with international investment institutions and other countries in the field of science and technology and it is involved in the development and activities of the European Institute of Innovation and Technology.
BUSINESS INTELLIGENCE

**Business Intelligence** Department provides support to other teams within CIT with analysis of trends and competitive environment and by evaluating business risks and feasibility of projects.

Also, BI provides support to clients with evaluations and reviews of competitive environment of specific business segment.

BI staff of CIT are members of the Society of Competitive Intelligence Professionals (SCIP). They regularly participate in its work.
TECHNOLOGY FORESIGHT

Technology Foresight (TF) is a tool for defining national technological priorities.

To promote TF as a scientifically and practically based discipline, the Department has organized conferences and mobilized participants in implementing the Croatian Foresight Initiative.

The TF Department coordinates its activities with the UNIDO Eurasian Virtual Centre (EVC) and other international organizations and institutions.
Thank you for your attention!