

wbc-inco.net

Co-ordination of Research Policies
with the Western Balkan Countries



Project number: PL 212029

**D8.48 / 3: Report on the mapping of the WBC
Innovation infrastructures**

Croatia

Table of Contents

1	INTRODUCTION	4
2	KEY GOVERNMENT PLAYERS AND STATE AGENCIES	6
	MINISTRY OF ECONOMY, LABOUR AND ENTREPRENEURSHIP (MELE) - DIRECTORATE FOR SMES	6
	MINISTRY OF SCIENCE, EDUCATION AND SPORTS (MSES)	8
	AGENCY FOR SCIENCE AND HIGHER EDUCATION (ASHE).....	10
	BUSINESS INNOVATION CENTRE OF CROATIA (BICRO LTD.).....	11
	CROATIAN AGENCY FOR SMES (HAMAG).....	12
	CROATIAN INSTITUTE OF TECHNOLOGY, LTD. (HIT).....	13
	NATIONAL FOUNDATION FOR SCIENCE, HIGHER EDUCATION AND TECHNOLOGICAL DEVELOPMENT (NZZ)	14
	THE UNITY THROUGH KNOWLEDGE.....	15
3	KEY PROGRAMMES AND INSTRUMENTS	17
3.1	PROGRAMMES ADMINISTERED BY THE BICRO	17
	COMPETITIVENESS UPGRADING PROGRAMME (KONCRO)	17
	DEVELOPMENT OF KNOWLEDGE-BASED ENTERPRISES (RAZUM)	17
	PROOF OF CONCEPT (POC)	18
	RESEARCH AND DEVELOPMENT PROGRAMME (IRCRO).....	19
	TECHNOLOGY INFRASTRUCTURE DEVELOPMENT PROGRAMME (TEHCRO)	19
3.2	PROGRAMMES ADMINISTERED BY HIT.....	20
	TECHNOLOGY-RELATED RESEARCH AND DEVELOPMENT PROGRAMME (TEST)	20
3.3	PROGRAMMES ADMINISTERED BY MELE	21
3.4	INSTRUMENT FOR PRE-ACCESSION ASSISTANCE (IPA)	21
	SCIENCE AND INNOVATION INVESTMENT FUND (SIIF)	23
3.5	EU PROGRAMMES.....	24
	COMPETITIVENESS AND INNOVATION FRAMEWORK PROGRAMME (CIP)	24
	COST PROGRAMME – EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY	25
	EUREKA PROGRAMME	26
	TEMPUS PROGRAMMES.....	27
	7 TH FRAMEWORK PROGRAMME FOR RESEARCH AND TECHNOLOGICAL DEVELOPMENT (FP7)	30
3.6	ADDITIONAL PROGRAMMES.....	31
	ADRIATIC – IONIAN INITIATIVE (AII).....	31
	CENTRAL EUROPEAN INITIATIVE (CEI)	32
	SCIENCE AND TECHNOLOGY PROJECT (STP)	32
4	KEY INNOVATION INFRASTRUCTURES	34
4.1	TECHNOLOGY/INNOVATION CENTRES (TICs).....	34
	BUSINESS AND INNOVATION CENTRE FOR MARICULTURE (MARIBIC), UNIVERSITY OF DUBROVNIK	34
	CENTRE FOR TECHNOLOGY TRANSFER (CTT), ZAGREB	35
	RUDJER INNOVATION	36
	TECHNOLOGY CENTRE SPLIT (TCS)	37
	TECHNOLOGY DEVELOPMENT CENTRE OSIJEK (TERA TECHNOPOLIS)	38
	TECHNOLOGY INNOVATION CENTRE RIJEKA (TIC)	39
	TECHNOLOGY TRANSFER OFFICES AT UNIVERSITIES	40
	OFFICE FOR TECHNOLOGY TRANSFER AT THE UNIVERSITY OF RIJEKA (TTO UNIRI)	40
	OFFICE FOR TECHNOLOGY TRANSFER AT THE UNIVERSITY OF SPLIT (TTO UNIST)	40
	OFFICE FOR TECHNOLOGY TRANSFER AT THE UNIVERSITY OF ZAGREB	41
4.2	CLUSTERS	42

AUTOMOTIVE CLUSTER OF CROATIA (ACH)	42
BIOS PRINTING AND PUBLISHING CLUSTER	43
BOATBUILDING CLUSTER	44
CRO.ICT - CROATIAN ICT CLUSTER INITIATIVE.....	45
NORTHWEST CROATIAN WOOD INDUSTRY CLUSTER (VARAŽDIN COUNTY)	45
SHIPBUILDING CLUSTER	46
WOOD CLUSTER OF WESTERN CROATIA (LIKA AND GORSKI KOTAR)	47
4.3 TECHNOLOGY AND SCIENCE PARKS	47
INDUSTRIAL PARK NOVA GRADISKA (IPNG).....	48
SCIENCE AND TECHNOLOGY PARK RIJEKA (STEP RI)	48
TECHNOLOGICAL PARK KUTINA - IMPULSE CENTER (TP KUTINA –IC)	49
TECHNOLOGY PARK VARAŽDIN.....	50
TECHNOLOGY PARK ZAGREB (ZAGREBAČKI HOLDING) - TPZ.....	51
4.4 BUSINESS INCUBATORS IN CROATIA	52
BUSINESS INCUBATOR BIOS, OSIJEK.....	53
BUSINESS INCUBATOR BRODIN	54
BUSINESS INCUBATOR LABIN	55
BUSINESS INCUBATOR PINS SKRAD LTD.	55
BUSINESS INCUBATOR TORPEDO - PORIN RIJEKA	56
BUSINESS INCUBATOR ZADAR	57
ENTREPRENEURSHIP INCUBATOR "CHALLENGE"	58
ENTREPRENEURSHIP INCUBATOR OSVIT - DONJI MIHOLJAC	58
ENTREPRENEURSHIP INCUBATOR SENJAK KNIN	59
PINHK D.O.O. - ENTREPRENEURIAL INCUBATOR, HRVATSKA KOSTAJNICA (SISAK - MOSLAVINA COUNTY)	60
4.5 OTHER RELATED ORGANISATIONS	60
CENTRE FOR SME AND ENTREPRENEURSHIP POLICY (CEPOR)	60
CROATIAN AGENCY FOR MOBILITY AND EU PROGRAMMES.....	62
CROATIAN BANK FOR RECONSTRUCTION AND DEVELOPMENT (HBOR)	63
CROATIAN CHAMBER OF ECONOMY (CCE)	63
CROATIAN CHAMBER OF ECONOMY - AFFILIATION OF CLUSTERS.....	64
CROATIAN EMPLOYERS' ASSOCIATION (CEA) - NATIONAL CENTRE FOR CLUSTERS	66
CROATIAN FINANCIAL AGENCY (FINA).....	67
ENTREPRENEURIAL CENTRES	67
ENTREPRENEURIAL ZONES IN CROATIA	74
FREE ENTERPRISE ZONES.....	74
NATIONAL COUNCIL FOR COMPETITIVENESS (NCC)	75
NATIONAL SCIENCE COUNCIL (NSC)	75
REGIONAL DEVELOPMENT AGENCIES IN CROATIA	76
5 LIST OF REFERENCES	78
6 LIST OF ACRONYMS	79
7 LIST OF AUTHORS AND CONTRIBUTORS	82

1 Introduction

Innovation is understood as activities resulting in the successful implementation of creative ideas that result in the improvement of technology, services, goods, etc. with a positive impact on a society.

Since innovation is also considered a key driver of the economy, especially when it leads to a competitive advantage or increasing productivity, innovation policy is being shaped at the national level. Research institutions are considered as main carriers of innovation activity while private sector takes over the implementation and commercialisation of the innovative ideas in the form of products.

These are the main actors that form the innovation system of the country. In line with this, framework conditions regulating the complex relations between these actors are essential to build an innovation-friendly environment and foster innovation infrastructure in the country.

The main objective of this report is to add to common understanding of the national innovation system in Croatia and to map the Croatian innovation infrastructure and stakeholders. Thus, the report aims to facilitate the identification of potential partner organisations for STI co-operations from the country.

To this end, the report identifies innovation-related government institutions, programmes as well as innovation infrastructures such as Technology and Innovation Centres, Clusters, Technology and Science Parks, Business Start-up centres, Technology Incubators and other related organisations.

This report is based on a previous report of the FP6 project SEE-SCIENCE.EU produced in 2008 and work carried out in the frame of the FP7 project WBC-INCO.NET. The Centre for Social Innovation carried out desk research in February/March 2011 which was updated by expert input from local project partners (relevant ministries and agencies). Furthermore, the organisations mapped in the first phase have been invited by e-mail to verify the information in the report. Finally, local experts have been involved in completing and categorizing the information collected in the report.

Currently, there is no report or directory that presents an up-to-date and comprehensive status quo of innovation institutions and programmes in the Western Balkan Countries (WBC).

With this series of reports devoted to the innovation infrastructures in WBC, we aim to bridge this gap. The published country reports cover innovation systems of Albania, Bosnia and Herzegovina, Croatia, FYR of Macedonia, Kosovo (under UNSCR 1244), Montenegro and Serbia. In order to ensure coherence of the series, all of the reports follow the same structure and objectives.

The report at hand – which covers **Croatia**, in conformity with other reports from the series, maps the state of affairs in June 2011 and will be published on the homepage WBC-INCO.NET and widely disseminated to our 29 project partners, the Steering Platform on Research for Western Balkan countries, EU institutions, PRO INNO Europe, ClusterCollaboration.eu, European Cluster Observatory and TCI Network. The final report can be freely disseminated to any other party that might find it useful.

WBC-INCO.NET, an FP7 funded project running from 2008 to 2013 with a total of 29 project partners, aims at the enhancement of the integration of Western Balkan Countries in the European Research Area (ERA). Its core objectives are to support the bi-regional dialogue on science and technology (S&T), to identify RTDI cooperation potentials and priorities for take-up in FP and other EU programmes, to enhance participation of WB researchers in EU projects, to analyse innovation needs and barriers in the WBC, to exchange information and best practices on innovation policies and to establish closer cooperation between research and innovation. WBC-INCO.NET is being coordinated by the [Centre for Social Innovation](#).



Hereby, we would like to acknowledge the input of all contributing organisations who kindly accepted to provide us with necessary feedback.

Despite the utmost effort of the authors to provide an accurate and up-to-date picture, some of the contact and content information provided in this report may become obsolete in the course of time. If you come across any information that is missing, invalid or has altered in the meantime, we will be pleased to receive a short notification e-mail to office@wbc-inco.net. The outputs of the report will be transferred to and regularly updated within the Organisation Directory on the homepage www.wbc-inco.net.

The report is a WBC-INCO.NET deliverable that is co-funded by the European Community's Programme for International Cooperation under the 7th Framework Programme for Research and Technological Development (2007-2013). Neither the Community, nor WBC-INCO.NET project partners and Centre for Social Innovation, as a main publisher of this report, are responsible for any use that may be made of the information contained therein.

2 Key Government Players and State Agencies

For a successful innovation policy, effective strategies, action plans, instruments and approaches are needed. National governments bear the responsibility for the development and implementation of these measures. Therefore, it is necessary to study the national framework in order to receive a detailed overview of the innovation system of the Croatia and identify best practices.

The Croatian national innovation system (NIS) is a rather complex system although still deficient in the sector of industrial research and business development. The responsibility for developing and promoting innovation system and innovation policy in Croatia rests mainly within the Ministry of Science, Education and Sports (MSES) as a main financier and coordinator of scientific research that serves as the national basis for new ideas and innovation. Its activities are primary oriented towards fostering science-industry cooperation and the commercialization of research results. Next to that, the Ministry of Economy, Labour and Entrepreneurship (MELE) manages the programs for strengthening the technological capabilities of small and medium sized companies that constitute the core of the innovation system such as: computerization, automatisisation of business operations, introduction of ISO quality standards, etc.

Ministry of Economy, Labour and Entrepreneurship (MELE) - Directorate for SMEs

Acronym: MELE

Organisation title in local language: Ministarstvo gospodarstva, rada i poduzetništva

Organisation type: Government/Ministry

The Ministry of Economy, Labour and Entrepreneurship (MELE) is the central government institution in charge of implementing the national policy in the field of SMEs. The Ministry's responsibility for the "entrepreneurship" sector lies with the SMEs and Cooperatives Directorate, the Crafts Directorate and the Investment Promotion and Export Directorate.

The SMEs and Cooperatives Directorate implement measures and activities for the development of entrepreneurship through promotion, education of entrepreneurs, technical assistance, local financing, institutional capacity building and commercialisation of innovation. It also encourages the clustering and networking of entrepreneurs, implements measures for the development of SMEs and co-operatives, improves entrepreneurial and managerial skills, undertakes the harmonization of legal framework with EU regulations and implements measures for international co-operation and export and investment promotion.

The Crafts Directorate focuses on crafts development, registration and vocational training. It implements and coordinates measures and activities for the development of the crafts sector, promotes crafts at international fairs, makes proposals for laws

and regulations, provides interpretations and explanations related to laws and regulations, monitors implementation and ensures execution of laws and other regulations.

Economic Development, Export and Investment Directorate performs the tasks that refer to the elaboration of the investment promotion and export strategies and their implementation, the development of free zones, industrial zones, clusters, technological parks and districts, the elimination of obstacles for investments and regional development. The Directorate makes proposals for the implementation of economic policy measures aiming at enhancing domestic and foreign investments for the purpose of regional development. It implements the activities related to advertising and promotion of conditions for investing in the Croatian economy and the security of such investments, and it participates in tasks related to international projects, etc. The responsibilities of this Directorate also include the assessment and approval of the use of incentive measure and preparation and implementation projects and EU programmes

In performing these tasks, the SMEs and Cooperatives Division cooperates with other government bodies (other ministries and public bodies supporting SMEs), regional and local self-government units, institutions and associations of entrepreneurs. In Croatia, there is, in fact, a long tradition of representation of SME interests, at both the national and the sub-national level. Various interests of the private sector and/or the SMEs more specifically are thus represented through the Croatian Chamber of Economy (HGK), the Croatian Chamber of Trades and Crafts (HOK), Croatian Employers Association (HUP), Croatian Co-operatives Association (HSZ), Association of SMEs, Croatian Exporters Association, Women Entrepreneurs Association etc. In the past several years these institutions have grown in importance and asserted themselves as partners in the policy making process. Dialogue with the Government takes place in fora of socio-economic dialogue such as the Economic and Social Council (tripartite body facilitating dialogue between the Government, business and trade unions), and the National Competitiveness Committee, as well as in the relevant Committees of the Croatian Parliament. Further details on the relevant policy-making partners are given below.

The Ministry administers programmes that are complimentary to the aims and objectives of the Ministry of Science, Education and Sports relating to technology and innovation, especially stimulating development and growth of technology-based SMEs. Those programmes are aimed at encouraging individuals to establish their own companies, as well as development of innovation clusters (Cluster Development Programme) to boost competitiveness. The development of Entrepreneurship Centres and Regional Development Agencies is also encouraged by the Ministry via providing them with financial assistance.

The institutional infrastructure of the Croatian innovation system initiated or supported by the Ministry of Economy Labour and Entrepreneurship and local authorities covers the following centres:

- 23 business incubators;
- 44 entrepreneurial centres;
- 27 development agencies;
- 13 free zones;

- 108 entrepreneurial zones
- 3 technology parks and one industrial park.

Contact

Website: www.mingorp.hr

E-mail: info@mingorp.hr

Phone: +385 1 6106 111

Fax: + 385 1 6109 110

Address: Ulica grada Vukovara 78, 10 000 Zagreb, Republic of Croatia

Contact persons:

Economic Development, Export and Investment Directorate

Sanja Rendić-Miočević, Director

Phone: + 385 1 6106 924

Fax: +385 11 6109 11

Department for SMEs

Brankica Novosel, Director

Phone: + 385 1 6106 567

Fax: + 385 1 6109 822

Ministry of Science, Education and Sports (MSES)

Acronym: MSES

Organisation title in local language: Ministarstvo znanosti, obrazovanja i sporta

Organisation type: Government/Ministry

The Ministry of Science, Education and Sports (MSES) is the central government institution responsible for implementing, coordinating and overseeing implementation of the science, innovation and technology.

It is in charge of the allocation of budgetary funds for R&D activities in both public institutes and higher education institutions, as well as for the allocation of budgetary funds for the technology program and related activities. Financial assistance extended directly through MSES includes research grants, IT grants, scientific equipment grants, fellowships for young researchers, (international) mobility grants and grants for publishing activity, scientific conferences and awareness raising activities.

The two of the Ministry's directorates cover the policy area in the field of science, technology and innovation: the Science Directorate and the Directorate for International Cooperation.

The Directorate for Science consists of: Programmes and Projects Department, Action Plans and EU Funds Management Department and the Science System

Developmen. The Science Directorate cooperates closely with the International Cooperation Directorate which administers EU-financed projects.

The MSES and Science Directorate allocates the majority of budget resources for research and development through the four main channels:

- Institutional funding including salaries of researchers (30% of the Science budget of the MSES);
- Competitive research grants (10%);
- Junior researchers programme (30%);
- The remaining budget resources are spent on the different supporting programmes such as scientific publishing, conferences etc.

The main advisory bodies that assist MSES in budget allocation and strategic development of science and higher education are the National Science Council (NSC) and the National Council for Higher Education (NCHE), appointed by the Croatian Parliament.

The MSES has initiated the national innovation system in 2001 by launching the first innovation policy programme – HITRA (Croatian Programme for Innovative Technological Development). However, the first initiatives the institutional infrastructure of the Croatian innovation system was launched by the MSES in the mid 90-ties. This initial infrastructure includes the Business and Innovation Centre of Croatia (BICRO) and the four technology centres closely related to universities in Zagreb, Rijeka, Split, Osijek and Dubrovnik¹ (Švarc, 2004). This initial innovation infrastructure has past different modifications and presently is largely extended by the new initiatives which are mostly supported by the BICRO and the World Bank Project (STP^{2,3}). It includes financial support for the selected BICRO's programmes, Ruđer Innovation, Brodarski institute, etc. The World Bank Project finished at the end of May 2011.

Contact

Website: www.mzos.hr

E-mail: office@mzos.hr

Phone: + 385 1 4594 444

Address: Trg hrvatskih velikana 6, 10000 Zagreb, Republic of Croatia

Contact person:

Department of Science

Hrvoje Meštrić, Director

Phone: +385 1 4594 421

¹ Centre for Technology Transfer (CTT), Zagreb; Technology Centre Split (TCS); Centre for Innovative Technology Rijeka (TIC); Technology and Innovation Centre, Osijek; Research and Development Centre for Mariculture, Dubrovnik (RICM).

² Available under URL:

<http://web.worldbank.org/WBSITE/EXTERNAL/COUNTRIES/ECAEXT/0,,contentMDK:22617141~pagePK:146736~piPK:146830~theSitePK:258599~isCURL:Y.00.html>

³ <http://public.mzos.hr/Default.aspx?art=5720>

Fax: +385 1 4594 429

E-mail: ured@mzos.hr

Agency for Science and Higher Education (ASHE)

Acronym: ASHE

Organisation title in local language: Agencija za znanost i visoko obrazovanje

Organisation type: Agency/Fund

The Agency for Science and Higher Education (ASHE) is a legal entity which autonomously and independently performs activities within the framework of the scope and authorities determined under the Law on the Scientific Profession and Higher Education (Official Gazette 123/03 and 105/04) and the Law on the Recognition of Foreign Educational Qualifications (Official Gazette 158/03 and 198/03). The Agency was established under Decree number 1946 by the Government of the Republic of Croatia in the year 2004. The Agency is in operation since March 2005.

The Agency serves the administrative and professional needs of the NSC and NCHE. ASHE carries out technical and expert activities related to the evaluation of research and higher education institutions and the recognition of foreign educational qualifications.

The mission of ASHE is to protect public interest in the preservation of the standard of higher-education qualifications and constantly support the improvement of quality of the scientific activity and higher education.

ASHE cooperates closely with higher education institutions and science, national councils, competent ministry, and other government bodies.

The Agency provides professional and administrative assistance to:

- National Science Council (NSC);
- National Council for Higher Education (NCHE)
- Science and Higher Education Funding Council (SHEFC)
- Committee for Ethics in Science and Higher Education;
- 7 scientific field councils; and
- 22 standing committees and expert commissions.

Contact

Website: www.azvo.hr/en

E-mail: ured@azvo.hr

Phone: + 385 1 6274 895

Fax: + 385 1 6274 801

Address: Savska cesta 41, 10000 Zagreb, Republic of Croatia

Contact Person:

Jasmina Havranek, Director

E-mail: jasmina.havranek@azvo.hr

Business Innovation Centre of Croatia (BICRO Ltd.)

Acronym: BICRO

Organisation title in local language: Poslovno-inovacijski centar Hrvatske

Organisation type: Agency/Fund

The Business Innovation Centre of Croatia (BICRO Ltd.) is an innovation and investment company established by the Croatian government in 1998. Its establishment was initiated by the MSES with the main aim to develop a financial system to support innovation and technology based - businesses in Croatia.

The objectives of BICRO are:

- To increase commercialization of knowledge;
- To raise awareness about the value of innovation;
- To transfer knowledge and technology solutions from science and business;
- To establish knowledge and technology based companies;
- To develop an adequate technology infrastructure;
- To create venture capital industry;
- To increase competitiveness and introducing new products to the market;
- To strengthen the cooperation between science and business, and creating public-private partnerships with the aim of jointly investing in innovation.

Between 2001 and 2006, BICRO operated the RAZUM programme aimed at supporting knowledge -based companies. With assistance through the TAL-2 project and the Science and Technology Project (STP) supported by the World Bank, BICRO has evolved into a leading innovation agency responsible for managing and implementing the research-based innovation programmes in Croatia.

The Centre manages six national development programmes supporting technology development (Support for Entrepreneurship Based on Innovation and New Technologies):

- Seed Capital Programme (RAZUM);
- Technology Infrastructure Development Programme (TehCro);
- Venture Capital Programme (VenCro);
- R&D Programme (IRCro); and
- Competitiveness Upgrading Programme (KonCro)
- Proof of Concept Programme (PoC)

Those programmes are implemented across the whole country and administered exclusively by BICRO.

The Business Innovation Centre of Croatia (BICRO) is crucial agency for implementation of innovation policy measures and programs in Croatia. Currently, BICRO runs four programmes relating to R&D and innovation, titled RAZUM, TEHCRO, IRCRO, and PoC.

Contact

Website: www.bicro.hr

E-mail: ured-bicro@bicro.hr

Phone: + 385 1 2352 600

Address: Planinska 1, 10000 Zagreb, Republic of Croatia

Contact Person:

Dalibor Marijanović, Director

E-mail: dalibor.marijanovic@bicro.h

Croatian Agency for SMEs (HAMAG)

Acronym: HAMAG

Organisation title in local language: Hrvatska agencija za malo gospodarstvo

Organisation type: Agency/Fund

The Croatian Agency for SMEs (HAMAG) is an institution for small business development and promotion, which was created in 2003. The Agency is funded by the state budget, international loan schemes and other sources.

HAMAG has traditionally been the implementing agency only for credit guarantee schemes, while the Ministry of Economy, Labour and Entrepreneurship (MELE) has directly implemented measures of a non-financial nature. Starting from 2007, HAMAG began to take over a number of MELE mainstream programmes: improvement of business support infrastructure (business centres, regional development agencies), entrepreneurship of target groups (youth, start-ups, disabled persons) and support of student cooperatives and student enterprises. In addition to MELE, the Croatian Agency for SMEs is the implementing authority for the 2004 - 2008 Development Programme for Small Enterprises.

The Agency implements also public guarantee funds and grants guarantees for loans given by commercial banks and other creditors focusing on financing fixed assets and working capital. The value of HAMAG's grant capital is EUR 65 million. Grants are extended to different types of SMEs and under different conditions for SMEs depending on the territory on which they operate. The list of programmes is as follows:

- "New entrepreneur": start-ups operating less than 2 years;
- "Growth and development": entrepreneurs operating at least 2 years;
- "Areas of special state concern": entrepreneurs located in Areas of Special State Concern;
- "Agriculture": entrepreneurs in agriculture businesses; and
- "Working capital": entrepreneurs operating at least 2 years.

To sum up, HAMAG encourages small business creation, growth and their investments; provides loans; issues guarantees for small business loans; provides financial support for loan cost reduction; subsidizes loan interests, employment generating activities and modern technology development. Additionally, HAMAG develops women and youth entrepreneurship further and subsidizes participation on international fairs and exhibitions. HAMAG has also developed an accreditation system for trainers, has started to implement a project for the Accreditation of

Business Consultants, based upon regular participation by Croatian consultants in tailored training programmes for business service providers.

Contact

Website: www.hamag.hr/

E-mail: hamag@hamag.hr

Phone: +385 1 488 10 00

Fax: +385 1 488 10 09

Address: Prilaz Gjure Deželića 7, 10000 Zagreb, Republic of Croatia

Croatian Institute of Technology, Ltd. (HIT)

Acronym: HIT

Organisation title in local language: Hrvatski institut za tehnologiju

Organisation type: Agency/Fund

The Croatian Institute of Technology (HIT) was founded by the Croatian Government in March 2006 with the vision of becoming the leading institution in Croatia in charge of developing and implementing technology policy. The Institute is under the competence of the Ministry of Science, Education and Sports (MSES). The role of HIT is coherent with the role of the future European Institute of Technology (EIT). Therefore, HIT is focused towards strengthening education, research and innovation (knowledge triangle).

The main task of the HIT is to support and improve the commercialization of the technological projects and to support the closer cooperation between scientific community and business. HIT administers one of the national programmes supporting technology development: Technology-Related Research and Development Programme (TEST).

The Croatian Institute of Technology (HIT) is in charge of developing the national technology foresight platform and business intelligence system, and will overtake from MSES the consolidation of the administrative structure of national focal points of the EU Framework Research and Technology Development Programmes.

The Institute's vision is to act as the leading Croatian technology institution that creates conditions for strong and permanent growth of a knowledge-based economy through development and implementation of technological policy.

The goals of HIT are to:

- Stimulate research and development and technology-related activities;
- Stimulate innovation;
- Strengthen international cooperation;
- Promote knowledge as developmental resource and foundational factor of the economical growth;
- Connect educational institutions and industry;
- Exchange of knowledge, skills and experiences;
- Consult and participate in developing strategy of the technological development of Croatia;

- Support and assist foundation of new companies that result from test programme; and
- Provide financial and legal support to the start-up companies that develop new technologies.

Contact

Website: <http://www.hit.hr/web/>

E-mail: info@hit.hr

Phone: +385 1 5494 721

Fax: +385 1 5494 720

Address: Planinska 1, 10000 Zagreb, Republic of Croatia

Contact Person:

Pero Munivrana, Director

E-mail: pero.munivrana@hit.hr

National Foundation for Science, Higher Education and Technological Development (NZZ)

Acronym: NZZ

Organisation title in local language: Nacionalna zaklada za znanost, visoko obrazovanje i tehnologijski razvoj

Organisation type: Agency/Fund

The National Foundation for Science, Higher Education and Technological Development (NZZ) constitutes the first government agency, which was established by the Croatian Parliament (OG 117/2001) in 2001 and is responsible for funding scientific and developmental projects in addition to the MSES, which used to be the sole financier for R&D in Croatia.

The mission of the Foundation is to promote science, higher education and technological development in Republic of Croatia, in order to enhance development and employment opportunities.

NZZ provides support to scientific, higher education and technological programmes and projects and also promotes mobility in the field of higher education and research. It funds research, developmental and educational projects that are in accordance with the Strategic plan of NZZ 2004-2008. The strategic plan envisages the 7 main programme activities among which the reform of the higher education sector and the brain gain programme receive the highest priority. It gives grants to talented students and especially to young and prominent scientists and experts from scientific and higher education institutions from Croatia as well as from abroad to support mobility and circulation of knowledge.

NZZ is a member of European Science Foundation (ESF) since November 2007.

TH NZZ finances the following programmes:

1. **Higher Education Reform**
 - [Learning Outcomes-Based Higher Education](#)
 - [Integrated University and Integrated Tertiary Education System](#)
 - [Development of Institutional Quality Assurance Units](#)
 - [Development of Joint Studies](#)
 - [Development of PhD Programmes](#)
2. **Brain Gain**
 - [Homing Programme](#)
 - [Postdoc](#)
 - [Visitor](#)
 - [Senior](#)
 - [NZZ Installation Grant](#)
3. **Training Of Doctoral Students**
 - [National Training Courses and Summer Schools for Doctoral Students](#)
 - Fellowships for Doctoral Students
4. Partnership In Basic Research
5. **International Programmes**
 - [Support for Joining European Science Foundation Programmes](#)
 - [EMBO Installation Grant \(EMBO IGs\)](#)
 - [European Social Survey](#)
 - [International Collaborative Workshops](#)
6. **Science Awards**
7. **Sociocultural Transition From Industrial Into The Knowledge Based Society**
 - [Building Croatian vocational terminology – project of coordination](#)

Since 2011 NZZ started to finance basic and applied research [projects and collaborative research programmes](#) at research institutes and universities

Contact

Website: www.nzz.hr

E-mail: nzz@nzz.hr

Phone: + 385 51 228 698

Address: Ilica 24, 10000 Zagreb (office in Zagreb), Republic of Croatia

Contact Person:

Lovorka Barač Lauc, Executive Director

E-mail: lblauc@nzz.h

The Unity through Knowledge

Acronym: UKFZ

Organisation title in local language: Jedinstvo kroz znanje

Organisation type: Agency/Fund

The main mission of the Unity through Knowledge Fund (UKF) is to unite the scientific and professional potential of researchers from Croatia and those living abroad (Diaspora). UKF is a component of the STP project supported by the World Bank. It is managed on daily basis by the Project Management Unit (PMU). The PMU reports to the MSES, which holds general responsibility for the implementation and coordination of the STP;

The Unity through Knowledge Fund has been created by the Croatian Ministry of Science, Education and Sports with the aim to use potential and establish cooperation between the Croatian scientific and professional Diaspora. The Fund is financing collaborative research projects and knowledge-based business activities of expatriates and Croatian researchers, institutions and companies. Both researchers from Diaspora and Croatia may apply for financial support for projects that are to be based at Croatian organizations. The Fund supports bottom-up projects within different programmes like Homeward Grant; Crossing borders grants, Gaining experience grant, Homeland visit grant, First research topics grant, Reintegration grant. Two Committees in charge of the Fund, which include the eminent scientists and experts, decide about the allocation of the support. The process is peer reviewed by international independent experts. Total resources planned for the period 2006 – 2009 amounts to €5m including €3.7m from the World Bank credit. Individual grants can amount up to 200.000EUR for a three-year period. The Fund supports only a part of total project costs, while the remaining part of costs must be covered from other sources. The payments are delivered from the WB loan (74%) and MSES (26%). UKF was elected by the International Labour Organization as an example of good practice.

Contact

Website: www.ukf.hr/

E-mail office@ukf.hr

Phone: + 385 51 228 698

Address: Planinska 1, 10000 Zagreb, Republic of Croatia

Contact Person:

Allesia Pozzi, Programme manager

Phone: 385 1 2352 685

E-mail office@ukf.hr

3 Key Programmes and Instruments

National as well as international donors and institutions are aware of the significance of innovation for competitiveness and development of national economies. Therefore, different key programmes and instruments have been created to support activities initiating and fostering innovation and development.

3.1 Programmes administered by the BICRO

Competitiveness Upgrading Programme (KonCro)

Acronym: KOnCr0

Organisation type: Programme (Other)

The Competitiveness Upgrading Programme (KonCro) assists SMEs to become more competitive by increasing productivity, improving product quality, upgrading business organization by introducing ISO standards, helping in the patenting procedure, product design and environmental protection. A total of EUR 1.5 million will be made available from the state budget, for disbursement to firms as grants. Each individual grant to a service-consuming firm must be matched by an equal contribution from a private sector firm. The Programme is administered by BICRO Ltd.

Contact

Website: www.bicro.hr

E-mail: ured-bicro@bicro.hr

Phone: + 385 1 2352 601

Fax: + 385 1 2352 601

Address: Planinska 1, 10000 Zagreb, Republic of Croatia

Development of Knowledge-Based Enterprises (RAZUM)

Acronym: RAZUM

Organisation type: Programme (Other)

The Programme is administered by BICRO and aims to ensure a sustainable increase in the number of knowledge-based enterprises. It serves as a seed fund for development of knowledge-based private or largely private enterprises that are using traditional technology and/or are technology based companies, which can be expected to have a significant favourable impact on economic development. The programme's operation is based on public support and other sources of financing (such as the Croatian Bank for Reconstruction and Development - HBOR; the Ministry of the Economy, Labour and Entrepreneurship - MELE; the Fund for

Development and Employment - FDE, and a World Bank loan), contributing 70% of project costs in the form of conditional grants, and the remaining 30% is contributed from the private sector. The programme is expected to combine EUR 86 million of financing, with EUR 20 million coming from the private sector.

Contact

Website: www.bicro.hr

E-mail: ured-bicro@bicro.hr

Phone: + 385 1 2352 601

Fax: + 385 1 2352 601

Address: Planinska 1, 10000 Zagreb, Republic of Croatia

Contact person:

Ivo Friganović, RAZUM Programme Manager

Phone: + 385 1 23 52 658

E-mail: ivo.friganovic@bicro.hr

Proof of concept (PoC)

Acronym: PoC

Organisation type: Programme (Other)

BICRO has launched in early May 2010 a new programme for innovative projects - Proof of Concept (PoC) with the aim to verify the feasibility of an innovative concept. The PoC programme supports pre-commercial activities of researchers and entrepreneurs on the path of development of new products, services and technological processes. It provides support in the early stages of innovation, in order to focus further development and reduce the risk of the investment at a later stage.

Programme provides grants of from €7,000 to €70,000 per project for the following activities:

- Intellectual property protection;
- Demonstration of technical feasibility;
- Developing a functional prototype.

The programme finances up to 75% of total costs incurred in the implementation of these activities while remaining of 25% should be provided by own resources. A total of 85 applications have been received with the requested value of funds for over €2m. The private sector should invest another €2m.

Contact

Website: www.bicro.hr

E-mail: ured-bicro@bicro.hr

Phone: + 385 1 2352 601

Fax: + 385 1 2352 601

Address: Planinska 1, 10000 Zagreb, Republic of Croatia

Research and Development Programme (IRCro)

Acronym: IRCro

Organisation type: Programme (Other)

This Programme is administered by BICRO and encourages and stimulates demand for services of public research institutions, as well as to encourage SMEs to invest in R&D activities. IRCro Programme envisages utilization of extensive facilities available within the universities and research institutions in the country. Projects under the IRCro Programme involve cooperation between an industrial firm and research/academic institutions and are jointly funded by the IRCro programme and the industrial company involving a 50/50 matching grant scheme. Thus, the private sector participates 50% in funding of R&D activities. A total of EUR 1.5 million had been secured in the state budget up until the end of 2009 for this programme.

Contact

Website: www.bicro.hr

E-mail: ured-bicro@bicro.hr

Phone: + 385 1 2352 601

Fax: + 385 1 2352 601

Address: Planinska 1, 10000 Zagreb, Republic of Croatia

Contact person:

Ante Mamić, Becon, VENCRO and IRCRO Program Manager

Phone: + 385 1 23 52 614

E-mail: ante.mamic@bicro.hr

Technology Infrastructure Development Programme (TehCro)

Acronym: TehCro

Organisation type: Programme (Other)

This Programme was initiated by the Government with support from the World Bank and is administered by BICRO. TehCro supports the creation of technology incubators, R&D centres and technology-business centres linked to research/academic institutions and R&D-based industry. The Government shall commit EUR 6,5 million to the programme, and Croatian financial institutions, like HBOR are expected to contribute around EUR 2 million.

Contact

Website: www.bicro.hr
E-mail: ured-bicro@bicro.hr
Phone: + 385 1 2352 601
Fax: + 385 1 2352 601
Address: Planinska 1, 10000 Zagreb, Republic of Croatia

Contact person:

Ivana Nagy, TEHCRO program Manager
Phone: + 385 1 23 52 617
E-mail: ivana.nagy@bicro.hr

3.2 Programmes administered by HIT

Technology-Related Research and Development Programme (TEST)

Acronym: TEST
Organisation type: Programme (Other)

The TEST Programme finances pre-commercial research activities and the development of new technologies (products/processes/services) up to the point when they have reached their original solution phase (prototypes, pilot solutions). The Programme also finances research activities which link basic sciences and their technological applications that are of relevance to the development of the industry and the economy. The TEST Programme encourages the participation of Croatian scientific and research institutions that develop new technological solutions. The TEST programme was the first innovation policy programme launched by the MSES to encourage science-industry cooperation. Since 2006, the programme is administered by the Croatian Institute of Technology (HIT.).

Contact

Website: www.hit.hr/web

Contact person:

Vladimir Sabo, Programme Manager
Phone: +385 1 5494 733
e-mail: vladimir.sabo@hit.hr

3.3 Programmes administered by MELE

The Ministry of Economy, Labour and Entrepreneurship (MELE) administers programmes that are complimentary to the aims and objectives of the Ministry of Science, Education and Sports relating to technology and innovation, especially programmes that stimulate development and growth of technology-based SMEs. The MELE supports entrepreneurship according to the main strategic document - the Incentive Program for Small and Medium sized Enterprises for the period 2008-2012.

Each year it designs the operational programme for the implementation of the Incentive programme. These two types of support are usually implemented:

- Programmes aimed at encouraging entrepreneurship such as support to individuals to establish their own companies, stimulating areas for strengthening competitiveness, incentives to innovation activities, gazelles, balanced regional development, reducing administrative barriers, strengthening the investment climate in society, e-business and electronic commerce, women' entrepreneurship, youth's entrepreneurship crafts, etc.;
- Improving the quality of business infrastructure such as development of innovation clusters, entrepreneurship centres, regional development agencies, free zones. Business incubation centres, etc.

The MELE has invested, in the period 2008-2010, around €100m for strengthening competitiveness of SMEs and entrepreneurship infrastructure (MELE, 2011).

3.4 Instrument for Pre-accession Assistance (IPA)

Acronym: IPA

Organisation type: Programme (IPA)

The Instrument for Pre-accession Assistance (IPA) is an instrument for pre-accession assistance for the period 2007 - 2013 replacing the currently available programmes CARDS, Phare, ISPA, and SAPARD, which have been implemented in the past period in the Republic of Croatia.

The IPA programme was established by the EU Council Regulation 1085/2006 and the main objectives of the IPA programme include assistance to candidate countries and to countries potential candidates in their harmonisation and implementation of the *acquis communautaire* as well as in preparing for the use of the Structural Funds. The Republic of Croatia is the beneficiary of the IPA programme from 2007 until the moment of its accession to the EU. The Central State Office for Development Strategy and Coordination of EU Funds (CODEF) is responsible for the overall coordination of the IPA programme in Croatia, while the Ministry of Finance is responsible for overall financial management.

The distribution of financial resources is regulated by the Multi-annual Indicative Financial Framework for the IPA programme which covers a three-year period from 2008 to 2010 (including also the year 2007), adopted by the European Commission. The said document defined indicative amounts of financial resources earmarked by the European Commission for candidate countries and potential candidate countries for the EU membership.

According to the internet source⁴, for the period up to the year 2010, the European Commission earmarked EUR 5,740 billion in total for implementation of the IPA programme. The amount of EUR 589,9 million is secured for the Republic of Croatia, starting with EUR 138,5 million in 2007, and with the foreseen constant annual growth of resources the sum would amount to EUR 154,2 million in the year 2010. In addition to the funds approved for each beneficiary country individually, it is also necessary to take into account the funds for regional and horizontal programmes in the total amount of EUR 559,1 million and the administrative costs for management of the programme in the total amount of EUR 230,9 million, intended for all countries beneficiaries of the IPA programme.

Republic of Croatia, having a candidate status for the EU membership, has the opportunity to use resources in all five components of IPA:

1. Assistance in transition and institution building
2. Cross border cooperation
3. Regional development
4. Human resources development
5. Rural development.

The most important component for support of innovation and entrepreneurship is the component **IIIC - Regional Competitiveness Operational Programme 2007–2009** aimed at development and competitiveness of the regions. It seeks to enhance infrastructure and cooperation in high value added sectors (biosciences, ICT) as well as in all sorts of SMEs which feature as a theme of EU wide cooperation. Investments into human capital and infrastructure capacity in these sectors are a pre-requisite for successful engagement of Croatian scientists, clusters, academic institutions and SMEs into the EU.

IPA - component IIIC Regional Development - Regional Competitiveness Projects; In implementation, the bidding process and approved for implementation there are eight projects:

1. Enhancing the development potential of less developed areas;
2. The project "Improvement of administrative efficiency at the national level"
3. The project "Improving the competitiveness of business through electronic commerce (e-business)"
4. Project "Provision of advisory services to small and medium-sized enterprises;
5. Development of the investment climate;
6. Support for cluster development;
7. Support for strengthening the competitiveness of Croatian SMEs;
8. Improving information to the Croatian business community

⁴ <http://www.strategija.hr/Default.aspx?art=490&sec=104>

The MSES participates in the 3C component of the IPA programme with the two activities:

- the Science and Innovation Investment Fund (SIIF) with the aim to facilitate technology transfer, academic entrepreneurship and engage RTO and universities in the local and regional development;
- The green filed investment in incubation centre for bioscience technologies (BIOCentre). The project total value is close to €18m.

Contact

Website: www.safu.hr/hr/ (SAFU)

E-mail: strategija@strategija.hr

Phone: + 385 1 4569 179

Fax: + 385 1 4569 187

Address: Central Office for Development Strategy and Coordination of EU Funds;
Radnička cesta 80/V, 10000 Zagreb, Republic of Croatia

Science and Innovation Investment Fund (SIIF)

Acronym: SIIF

Organisation type: Agency/Fund

The Science and Innovation Investment Fund (SIIF) is a Fund for allocation of EU IPA IIIc funds for supporting technology transfer and commercialisation of research results at the research institutes (RTO) and universities (HEI). SIIF is implemented by the Ministry of Science, Education and Sports of Croatia within two EU-funded projects - [SIIF grant-scheme](#) and [Technical Assistance to SIIF](#). The main purpose of the programme is to engage RTO and universities in the local and regional development. It finances bottom-up projects that include activities such as establishing of technology transfer offices, clustering, start-up companies, technology mapping, etc. The total budget for the period 2009-2013 is €5m. Up to now the one competition call were announced in 2009 while the two new are planned for 2010. The project proposals are evaluated by the expert team of the MSES having as main selection criteria the quality of the research proposed and of the research teams involved.

[The SIIF grant-scheme](#) project was launched on 28 May 2009 with an overall budget of € 5 million. According to the Call for Proposals the SIIF grant-scheme covers nearly all possible activities on the area of technology transfer. In terms of beneficiaries, the call for proposals is limited to higher educational institutions (HEI) and public research organisations (PRO).

[Technical Assistance to SIIF](#) was launched on 04 January 2010 with the goal to help SIIF in project pipe-line building through trainings and advisory services for project applicants, providing on-going help for grantees during the implementation period of the projects. The Technical Assistance period is foreseen until July 2012. Since October, 2010 the five projects have been approved of the total value of €2.6m

Contact:

Website: www.siif-croatia.com/en/

Address: SIIF Office, Planinska, 1, 10000 Zagreb, room 29, Republic of Croatia

Contact person:

Dragana Raić, Project Office Manager, Human Dynamics Consortium

E-mail: dragana.raic@mzos.hr

Phone: +385 1 2352 695

Fax: +385 1 2352 699

3.5 EU Programmes

In addition to the national programmes for supporting innovation and research, Croatia participates in a number of the international and European programmes for fostering scientific excellence and innovation performance. The key European programmes are: the 7th Framework programme, the Tempus programme and the Competitiveness Innovation Programme (CIP).

Competitiveness and Innovation Framework Programme (CIP)

Acronym: CIP

Organisation type: Programme (CIP)

The EU's Competitiveness and Innovation Framework Programme (CIP) aims to encourage the competitiveness of European enterprises. With SMEs as its main target, the programme will support innovation activities (including eco-innovation), provide better access to finance and deliver business support services in the regions. It will encourage a better take-up and use of information and communications technologies (ICT) and help to develop the information society. It will also promote the increased use of renewable energies and energy efficiency.

The programme is running from 2007 to 2013 and is divided into three operational programmes:

- Entrepreneurship and Innovation Programme (EIP);
- Information Communication Technologies Policy support Programme (ICT PSP);
- and
- Intelligent Energy Europe (IEE)

The programme consists of five activities

1. Financing SMEs - aimed at financing investments into innovation activities, technology transfer and internationalization of business activities in international

markets. European Investments Fund in cooperation with the national financial intermediaries runs the project.

2. Enterprise Europe Network - a network of centers to support entrepreneurship and innovation; EEN provides the following services:
 - Assistance to smes in technology transfer, knowledge and innovation;
 - Stimulation of SME participation in programmes financed by the EC;
 - Provision of answers on questions about EU legitimacy, matching services with the partners from the EU, provide information about open calls.
3. Innovation – to stimulate cross border cooperation and exchange of experience with other stakeholders (public sector, cluster managers, entrepreneurial association); to collect information about innovation capacity and innovation policy; to provide information about intellectual property rights.
4. Eco-innovation - to promote projects about innovation products, innovation process and innovation services aimed at efficient and responsible use of material resources.
5. Policy Advocacy action – to support policy action in the field of entrepreneurship and innovation; Conferences aimed at knowledge exchange among policy creators and implementers are planned.

Croatia joined the EU's Competitiveness and Innovation Programme (CIP) in October 18, 2007.

Contact persons:

Snježana Ivić Pavlovski, MELE
E-mail: snjezana.ivic-pavlovski@mingorp.hr

Iva Jandriček, Enterprise Europe Network, Croatian Chamber of Commerce
E-mail: een@hgk.hr, ijandricek@hgk.hr

COST programme – European Cooperation in Science and Technology

Acronym: COST
Organisation type: Programme (EU)

COST programme is an intergovernmental framework for European Cooperation in Science and Technology, allowing the coordination of nationally-funded research on a European level. It is one of the longest-running European instruments supporting cooperation among scientists and researchers across Europe.

The goal of COST is to ensure that Europe holds a strong position in the field of scientific and technical research for peaceful purposes, by increasing European cooperation and interaction in this field. This research initiative makes it possible for the various national facilities, institutes, universities and private industry to work jointly on a wide range of Research and Development (R&D) activities.

Croatia has been a full member of COST since 1992. It has taken part in over 150 projects, and it is currently cooperating in 70 COST projects, eight in the R&D sector. Special attention should be paid to project COST B-35: Lipid Peroxidant Associated Disorders, whose coordination on the European level was entrusted to Croatia's largest institute for natural sciences, the Rudjer Boskovic Institute. Within the COST project, several significant international conferences were organised in Croatia in 2007, including Smart Health Care, which gathered experts from the fields of medicine, environment protection, social sciences and the humanities.

Contact

Website: <http://public.mzos.hr/Default.aspx?sec=2473>

Contact person:

Damir Jeličić, MSES
E-mail: damir.jelicic@mzos.hr

EUREKA programme

Acronym: EUREKA
Organisation type: Programme (EU)

EUREKA is a European network that supports businesses performing close-to-market R&D. It was founded in 1985, to challenge the increasing migration of R&D and industrial innovation to Asian and North-American countries. EUREKA now unites 39 member countries and also counts the European Union as its 40th member. Together, they promote international, market-oriented research and innovation through the support they offer to small and medium-sized enterprises, large industry, universities and research institutes. Through EUREKA, these organisations are introducing new products, processes and services to market, helping make Europe economically strong and socially sound.

The Republic of Croatia has been involved in EUREKA as full member as of June 2000. In February 2009 The Ministry of Science, Education and Sports (MSES) transferred the operative implementation of EUREKA program to the Business Innovation Centre of Croatia –BICRO. With this act BICRO became the National EUREKA Office for Croatia. According to the Agreement with the Ministry from 2010, BICRO has become responsible body for the whole implementation including financial management and contracting

Up to 2010, Croatian organisations had participated in 31 completed projects with a total value of €137.10m. Total of 57 Croatian organisations have participated in these projects, among which 17 are SMEs, 9 Research, 26 Universities and 2 are National Administrations.

Croatian organisations are currently (November 2010) participating in 22 running projects (9 multilateral and 13 bilateral), out which 18 projects are implemented in cooperation with Slovenia. A total of 38 Croatian organisations are participating in these projects (17 SMEs, 4 companies, 4 research, 10 universities and 3 national administrations).

Contact

Website:

www.bicro.hr/index.php?option=com_content&view=article&id=333&Itemid=374

Phone: + 385 1 2352 621

Address: BICRO, Planinska 1, 10000 Zagreb, Republic of Croatia

Contact person:

Antonija Mršić, National Project Coordinator

E-mail: antonija.mrsic@bicro.hr; eureka@bicro.hr

TEMPUS programmes

Acronym: TEMPUS

Organisation type: Programme (EU)

The Tempus programme was adopted by the Council of Ministers of the European in 1990 with the main aim to support reform of Higher Education in the countries of Central and Eastern Europe and their integration with the EU.

The Republic of Croatia became eligible for the Tempus programme in 2000. The main objective of the Tempus programme is to facilitate and support the integration of the Croatian HE system into the EHEA. Activities supported by the Tempus Programmes are in line with a high national priority for Croatia: the follow-up of the Bologna Process and the implementation of the Bologna principles.

The Tempus programme had an enormous impact on reforming Croatian higher education sector. Universities participate in the TEMPUS programme with a large number of projects (more than a hundred since 2000). The latest phase of the programme, Tempus IV, started in 2008. The annual Tempus budget amounts to around €50 million, and individual projects receive funding between €0.5 and €1.5m. The most important step forward in supporting entrepreneurship activities and establishing of the technology transfer offices (TTO) at universities is made in the framework of the three TEMPUS projects: , [OPUS](#) and [FoSEntHE](#). These projects

initiated entrepreneurship spirit in different university centres and made a unique opportunity of connection the main stakeholders – universities, government and businesses - to implement a nation-wide project on reforming the whole cluster of university management in Croatia.

FoSentHE -- Fostering Entrepreneurship in Higher Education

This project is aimed at developing the new curricula focused on fostering business management and entrepreneurship at universities.

The envisaged outputs of the project are:

- New entrepreneurship promotion program launched and sustained at the level of the whole consortium
- Internationalization of curricula by launching new online courses on entrepreneurship in Croatian and English
- External and internal quality control mechanisms established –
- Operative Universities' Centres of Entrepreneurship in Zagreb and Split
- Dissemination and sustainability of the results of the project

Grant holder: Prof. Marina Dabić, PhD, Full Professor of Entrepreneurship and International Business at Faculty of Economics and Business, University of Zagreb

CREATE - Joint European Project for Stimulating Croatia's Entrepreneurial Activities and Technology Transfer in Education

CREATE Project commenced in September 2005 and brought together 10 institutions from 3 states. Consortium members include Croatian universities of Split, Rijeka and Zagreb, Croatian Employers' Association, and National Science Foundation. Partners from European Union on the project are: Saarland University (Germany), European Research Project EURICE GmbH (Germany), Saarland Ministry of Economics and Labour, and the University of Alicante from Spain.

The main objective in the CREATE project is to connect Universities and economic development through establishing technology transfer offices (TTO) at universities. The three TTO were established in Croatia: the Technology transfer office of the University of Split, the Technology transfer office of the University of Zagreb and the Technology transfer office of the University of Rijeka that has grown into the Science and Technology Park (STeP).

The Offices for support of Technology Transfer and Entrepreneurial Activities will provide assistance and support to the administrators of universities in Croatia and their spin-off companies in different areas (advising on innovative activities, financial and legal frameworks of starting a business, promoting the results of intellectual work as well as consulting on IPR).

These are the links to the websites of the 3 offices:

1. The Technology transfer office at the University of Rijeka:

http://www.uniri.hr/component/option.com_wrapper/itemid.233/

The TTO initiative has grown into the Science and Technology Park ([STeP](#))

2. The Technology Transfer office at University of Split
www.utt.hr

3. The Technology Transfer office at University of Zagreb
<http://technology.unizg.hr/>

OPUS - Opening University towards Society: Linking Education – Research – Innovation

The aim of the OPUS project is to develop and implement structural measures in universities and society as a whole to strengthen the education–research–innovation triangle (ERIT) as important leverage for transition to knowledge-driven economy.

The project objectives can be divided into three levels. The strategic level comprises the analysis of stakeholders' needs, identification of structural and legislative measures on local, national and regional level in order to create policies and other strategic documents (regulations, procedures, good practices). The implementation level is based on activities that will increase awareness and understanding of the role of ERIT in academic community, industry and public authorities. Special emphasis will be given to the issues like: intellectual property rights (IPR), innovation, and academic entrepreneurship; increased participation in the Framework Programme and other EU projects; increased collaboration among universities, public authorities and industry on national, regional and European level. The establishment of the Centre for Research, Development and Technology at University of Zagreb will serve as a model for other universities in Partner Countries and Croatia. In addition, research quality assessment will be implemented by introducing indicators of scientific effectiveness and research productivity.

Grant holder: Prof. Melita Kovačević, vice-rector, University of Zagreb

Contact:

National Tempus Office, Agency for Science and Higher Education

Web: <http://www.azvo.hr/en/international-activities/tempus-office/tempus-in-croatia>

E-mail: tempus@azvo.hr

Phone: +385 1 6274 851

Address: Donje Svetice 38/5, 10 000 Zagreb, Republic of Croatia

FOSENTE:

Website: <http://web.fosenthe.efzg.hr/about-the-project>

Contact Person:

Marina Dabić, Faculty of Economics, Zagreb

Phone: + 385 1 238 3246

E-mail: mdabic@efzg.hr

OPUS:

Website: <http://opus.unizg.hr/>

Contact person:

Marta Kljaić Martić, Centre for research, development and technology transfer,
University of Zagreb

Address: Trg maršala Tita 14, Zvonimirova 8, 10000 Zagreb, Croatia

Phone +385 1 4698 175

Fax: +385 1 4698 136

Email: marta.kljaic.martic@unizg.hr

7th Framework Programme for Research and Technological Development (FP7)

Acronym: FP7

Organisation type: Programme (FP7)

The Memorandum of Understanding (MoU) associating Croatia to FP7 was signed on June 13, 2007 and the provisions of the above association instruments are applicable from January 1, 2007.

Participation in FP7 offers the following possibilities:

- Direct financial assistance to the research and economic community for innovative scientific research;
- Active participation in the creation of results of high value and applicability across the society;
- Development of research institutions, of a system for managing and ensuring quality of scientific research, for the use of research equipment, facilities and premises, improvement of the position of young scientists; and
- Development of quality administration in the research sector.

In the process of preparing for FP7, the MSES is encouraging practices which represent a positive trend in the R&D sector in general: strategic planning of the use of R&D premises and equipment on the part of institutes and higher education institutions, ensuring of transfer of research results achieved through FP projects, etc.

The participation in FP6 and currently in FP7 has produced a strong reflection the Science and Technology Policy 2006-2010, a strategic policy document which provides a vision of the development of science and technology sector in Croatia in the mid-term period. The participation of Croatian scientists in FPs is identified as one of the four main research policy goals.

Within the FP, which relates to the period between 2002 and 2006, Croatia participate with 154 partners and signed 134 project contracts based on which Croatian partners' activities were funded in the amount of €16.2m. The major part of the approved funds went for the INCO sub-programme (€3.6m) and for the priority themes Life Science, Genetics and Bio-technology for health (€2.3m), Sustainable Development, Global Change and Ecosystem (€2.3m) and Information Society

Technologies (€2m). For full participation in the FP6, €6.4m was paid out, out of which €3.18m were provided from the state budget and the rest obtained from funds from the Croatian Phare programme.

Within the FP7, a total of 137 Croatian partners have contracted 108 projects with the EC co-financing in the amount of €23.9m in period 2007-2010. Total of 52.6% of funds went for the projects within "Cooperation" (€12.6m, out of which €4.2m for Transport), while 45.41% was spent for Capacities (€10.9m out of which €7.4m for Research potentials), and €0.47 m was spent Marie Curie actions.

Contact:

National contact points at HIT

Website: www.fp7.hr/?id=254&l=hr

3.6 Additional Programmes

Adriatic – Ionian Initiative (All)

Acronym: All

Organisation type: Programme

The Adriatic-Ionian Initiative (All) was formally established as a political initiative at a conference held in Ancona, Italy in May 2000. Seven countries cooperate within the framework of All: Albania, Bosnia and Herzegovina, Croatia, Greece, Italy, Montenegro, Slovenia and Serbia. The aim of All is to link the coastal countries of the two seas for the purpose of cooperating in the development and safety of the whole area. The issue of environmental protection which is central for socio economic development in the subregion is the high sensitivity of the maritime and coastal areas of the closed Adriatic Sea.

Within the All framework, an Adriatic-Ionian Council (AIC) was set up at the level of Ministers; without limiting the fields of cooperation, special attention was directed towards: economic and technical assistance and cooperation in traffic; environmental protection; SME cooperation and cooperation in the fields of culture, education and tourism; and cooperation in combating all forms of criminal.

The Adriatic-Ionian Initiative is presided on rotation basis between the seven countries members.

Contact

Website: public.mzos.hr/Default.aspx?art=7304&sec=2630

Contact person:

Anica Hunjet, MSES

E-mail: anica.hunjet@mzos.hr

Central European Initiative (CEI)

Acronym: CEI

Organisation type: Network

The origin of the Central European Initiative, whose headquarters are based in Trieste, lies in the creation of the Quadrangolare in Budapest on 11 November 1989. The founding fathers were Italy, Austria, Hungary and the Socialist Federal Republic of Yugoslavia (SFRY) but through the years other countries have been admitted into the initiative. The CEI is now the largest forum of regional cooperation among eighteen Member States of Central, Eastern and South Eastern Europe and it aims at fostering political and socio-economic development in the region and at avoiding new division lines in Europe.

The CEI is oriented to assist in strengthening the capacities of its countries outside of the EU, to consolidate their institutional and economic background as well as bring them closer to the EU; it aims at achieving cohesion in areas of mutual interest and at assisting its non-EU member countries in consolidating their economic and social development. Once predominantly oriented towards policy dialogue, the CEI has progressively added economic growth and human development as pillars of cooperation with a focus on capacity building, sharing experience and know-how transfer.

A number of CEI activities and projects are also developed within strategic programmes pursued by other international and regional organisations, in particular the EU.

Contact

Website: www.ceinet.org

Contact Persons:

Giorgio Rosso Cicogna
CEI Alternate Secretary General
Phone: +39 040 7786 777
Fax: +39 040 7786 766 / 781
E-mail: asq@cei-es.org

Slavena Radovanovic, Senior Executive Officer, Personal Assistant to CEI Alternate Secretary General
Phone: +39 040 7786 736
Fax: +39 040 7786 766, +39 040 7786 781
Email: radovanovic@cei-es.org

Science and Technology Project (STP)

Acronym: STP

Organisation type: Project (Other)

In October 2002, the MSES started the preparation of a broad-based Technology Program. This work has been supported through the World Bank Technical Assistance Project for Institutional and Regulatory Reform (TAL-2) and resulted in a Science and Technology Project (STP) 2005 – 2011. The Croatian Government negotiates the follow-up activities with the World Bank at the moment, without any visible results.

The STP is financed through an International Bank for Reconstruction and Development (IBRD) loan of EUR 31 million aimed at strengthening and restructuring selected research and development institutions to promote applied research, increasing the ability of enterprises to develop, use, adapt and commercialize technology as well as engaging Croatian scientific Diaspora in joint projects and other initiatives, transfer their knowledge and skills for the benefit of Croatian society (Unity through Knowledge Fund). Thus World Bank funding helped launch a new Agency for Innovation Services and Transfer of Technology that will deal with patents, financially support the advancement of new innovative products, and act as an incubator of sorts for new technologies developed locally. The project also funds implementation costs, including audit, financial management, and monitoring and evaluation.

Contact

Website: <http://public.mzos.hr/Default.aspx?art=7044&sec=2493>

Phone +385 1 2352 654

Address: Planinska 1, 10000 Zagreb, Republic of Croatia

Contact person:

Dragan Šoljan, Director of Project Management Unit

E-mail: dragan.soljan@mzos.hr

4 Key Innovation Infrastructures

A national system of innovation can be understood as a “network of institutions in the public and private sectors whose activities and interactions initiate, import, modify and diffuse new technologies” (Freeman 1987: 1). These institutions ranging from technology/innovation centres, science and technology parks to clusters, business start-up centres and incubators constitute a country’s innovation infrastructure. In the following chapter, the particular elements of the Croatian innovation system are presented.

4.1 Technology/Innovation Centres (TICs)

A Technology / Innovation Centre (TIC) is an institution established in order to facilitate technology transfer as well as to promote research uptake and innovation by linking researchers and universities with SMEs. TICs enable the industry to exploit new and emerging technologies by providing linkages between research and SMEs.

Business and Innovation Centre for Mariculture (MARIBIC), University of Dubrovnik

Acronym: MARIBIC

Organisation title in local language: Tehnološki i poslovno-inovacijski centar za marikulturu MARIBIC d.o.o.

Organisation type: Cluster/Incubator/Innovation Infrastructure

The University of Dubrovnik is the youngest of six Croatian universities and the first which is fully organized according to Bologna Convention and the new trends in higher education. The Department for Aquaculture was established to execute education activities and RTD projects in the field of aquaculture and coastal zone management. Beside this, the University is co-founder (67% ownership) of the Research and Development Center for Mariculture in Ston, famous for ancient shellfish culture activity. The University is also owner (100%) of „Dalmacijabilje maricultura” limited company producing fish and shellfish in own farms. Through this established system, the University cooperates with all levels of aquaculture, through fundamental research, education, RTD and business, in Croatia and abroad.

The Research and Development Centre for Mariculture was transformed in 2008 into the Business and Innovation Centre for Mariculture (MARIBIC). The new centre is financially supported by the BICRO in order to be transformed into the modern technological centre for mariculture in Croatia. The total amount of support is around €2.8m for 3.5 years.

The MARIBIC is a part of the Dubrovnik University and provides several types of services to various groups of stakeholders. Regarding scientific research activities MARIBIC runs research projects with domestic and foreign scientific institutions, with producers and their organizations and local governments. Regarding education the center provides practical trainings of students and entrepreneurs, on scientific equipment for incubation. The scientific equipment include: lemon balm for fish and shellfish, shellfish and fish hatchery, larval rearing facilities, facility for production of phytoplankton and zooplankton, floating cages for fish farming, recirculation systems for fish farming, the installation of shellfish farming and long-line system for the cultivation of shellfish. Moreover, MARIBIC provides business service activities for start up businesses entities and services for their growth. Organization of seminars and presentations of experts in various fields of aquaculture is an important activity of the MARIBIC as well as a continuous training and informing producers about new technologies, trends, equipment, marketing and issues of local aquaculture industry.

Contact:Website: <http://maribic.com/>

Adress: Bistrina bb, 20230 Ston, Republic of Croatia

Contact Person:

Jura Jug-Dujaković, Director

E-mail: rektorat@unidu.hr**Centre for Technology Transfer (CTT), Zagreb**

Acronym: CTT

Organisation title in local language: Centar za tehnološki transfer, Zagreb

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Centre for Technology Transfer (CTT) is the first technology centre in the Republic of Croatia founded with a goal of initiating and implementing projects that link scientific and research recourses based in Higher Education Institutions and Scientific Institutes with economic and industry sectors.

The Centre is independent, market oriented company, which was founded by Faculty for Mechanical Engineering and Navel Architecture, University of Zagreb with a support of Ministry of Science and Technology in 1996.

Since 1996, CTT has realized 88 projects that included high-tech projects in entrepreneurial sector, technology transfer, and knowledge transfer, consulting services, SME's support and development, by using domestic and foreign institutions as well as outsourced experts.

ContactWebsite: www.ctt.hrE-mail: ctt@fsb.hr

Phone: +385 1 6168 567

Fax: + 385 1 618 710

Address: I. Lučića 5, 10000 Zagreb, Republic of Croatia

Contact Persons:

Mladen Šercer, Director

E-mail: mladen.sercer@fsb.hr

Melita Zrilić

E-mail: melita.zrilic@fsb.hr

Rudjer Innovation

Acronym: RI

Organisation title in local language: Ruđer-Inovacije

Organisation type: Cluster/Incubator/Innovation Infrastructure

Rudjer Innovations is a company established in 2008 by the largest Institute of natural sciences in Croatia, the „Institute Ruđer Bošković“ (IRB) with the main aim to link science and technology with business and industry. It helps scientists from IRB and other institutes to commercialise the results of their scientific research and assists technology transfer. It is supported by the World Bank within the “Science and Technology Project“(STP).

Through partnership with the academic and innovator community and business, the RI is open to the entire Croatian community, providing support throughout the commercialisation of ideas, innovations and scientific research results.

The strength and competitive advantage of Rudjer Innovations is based on a number of factors such as: exclusive agreement with Rudjer Boskovic Institute and other regional „generators“of intellectual property as well as the full support of the Government of the Republic of Croatia and Rudjer Boskovic Institute, and financial support of the World Bank.

Rudjer Innovations has a team of experts dealing with the protection and commercialisation of intellectual property and also offers additional services.

- consulting
- training
- seminars

The main benefits for scientists from their cooperation with the RI are:

- Fees from licensing intellectual property
- Benefits from working with the business sector (sponsored research projects, joint ventures, scholarships)
- Income from various consultancy services (expert evaluations, data analyses, testing and analysis)
- Equity share in spin-off and start-up companies.

RI finances about 20 high-tech projects with commercial potentials. It has also taken part in the establishing of the three spin-off companies from IRB:

- Rudjer Medikol Cyclotron
- Initium Futuri
- Rudjer-medikol diagnostics

Contact

Website: www.r-i.hr

E-mail: info@r-i.hr

Phone: +385 1 2360 111

Fax: +385 1 2347 811

Address: Rudjer Innovations Ltd, Bijenicka 113, 10000 Zagreb, Republic of Croatia

Contact person:

Domagoj Oreb, CEO, President of Management Board

E-mail: domagoj.oreb@r-i.hr

Technology Centre Split (TCS)

Acronym: TCS

Organisation title in local language: Tehnološki centar Split

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Technology Centre Split (TCS) was established in 1997 as a limited liability company with the support of former Ministry of Science and Technology (MOST). Major partners are: Telecommunication centre in Split, County of Splitsko-Dalmatinska, and University of Split. TCS promotes new technologies, innovations, and entrepreneurship. Its objective is to provide support to SMEs in order to develop innovation, know-how, technology, prototypes and to market preliminary products in as short a time span as possible. As an incubator center TCS offers to their members services such as professional support in foundation of business enterprise and their growth; Contacts with financial institutions, banks and investments funds and advisory in technological, legal, tax, financing and marketing services. Within TCS, there is an education center where the TCS in cooperation with experts from Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture organise expert courses in areas of introducing new programming technologies and courses in specific business technologies.

Contact

Website: www.tcs.hr

E-mail: tcs@tcs.hr

Address: Kopilica 5, 21000 Split, Republic of Croatia

Contact Person:

Slađana Jakopović, Director

Phone: + 385 21 393 333, +385 21 393 300

Fax: + 385 21 490 682

E-mail: sjakopovic@tcs.hr

Technology Development Centre Osijek (TERA TECHNOPOLIS)

Acronym: TERA TECHNOPOLIS

Organisation title in local language: Tera Tehnopolis d.o.o.

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Technology Development Centre Osijek Ltd. (TERA Technopolis) was established in 2002 as a result of an initiative of the Josip Juraj Strossmayer University of Osijek, the City of Osijek and Osijek-Baranja County. The activities of the Technology Development Centre Osijek are to promote new technology, invention and entrepreneurship especially focusing on the correlation of science and economy and the creation of infrastructural, financial and counselling support to inventive and technology projects.

The Josip Juraj Strossmayera University of Osijek, the Ministry of Science Education and Sports and the local government are the main supporters of efforts to create favourable conditions to fast and successful transformation of research results and inventions into new competitive products and international technology transfer in small and medium enterprise.

Business incubation of technology-based enterprise, counselling and monitoring in regional economy are the main instruments of the implementation of TDCO's task.

The TERA Technopolis mission:

- The development of knowledge-based economy implementing significantly improved technologies (products, services and processing) in Osijek County.
- The commercialization of public funded research by Josip Juraj Strossmayer University of Osijek.
- The support of regional development and prevention of brain drain of competent experts of the region (Slavonia i.e. traditional region in Croatia).
- The promotion of enterprises in the business incubator of The TDCO Ltd. and outside companies.

The TERA provides two groups of services, defined services Start up and Business Growth and provides individual services in the field of intellectual property rights, intermediation in pre-commercial and commercial phase. At the moment there are twenty business enterprises in TERA center, among them business entities from computer programming is largest population.

Contact

Website: www.tera.hr/en/

Phone: +385 31 251 000

Fax: +385 31 251 005

Address: Trg Ljudevita Gaja 6, 31000 Osijek, Republic of Croatia

Contact Person:

Ivan Štefanić, Director

E-mail: ured@tera.hr

Technology Innovation Centre Rijeka (TIC)

Acronym: TIC

Organisation title in local language: Tehnološko- inovacijski centar Rijeka

Organisation type: Cluster/Incubator/Innovation Infrastructure

Technology Innovation Centre Rijeka, Ltd. (TIC) is a scientific incubator, which assists young entrepreneurs in establishing their company (SMEs) for the development of products or services based on higher or high technology and enables their growth and development. TIC enables technology transfer from university to small and medium enterprises, and influences the restructuring of big companies, improvement of technology level and economic development of the region. TIC is supported financially by the Ministry of Science, Education and Sports with additional revenues from renting the premises and extra revenues from some approved projects.

The idea to create an innovation centre was born in the University of Rijeka in 1994, following a model of technological centres in Europe. Two years later the premises were purchased through the merit of Ministry of Science and Technology and County Primorsko-Goranska. The animation of the founders took one year. The company was registered in November 1997 (year of creation) and started to operate in 1998. The University is TIC's major owner and TIC is in constant relation with university and big industry companies.

The entrepreneurs spend 3-5 years in TICRI premises. TICRI assists entrepreneurs in establishing of their companies tightly connected with medium high and high technology. Services provided by TIC include: Infrastructure and consulting services; Premises at very favourable price; Monitoring; Contacts; and Transfer of technology. So, TICRI is primarily oriented towards facilitating growth of the start-up companies within the centre. Currently there are thirteen companies in TICRI.

Contact:

Website: www.ticri.hr

E-mail: ticri@ri.htnet.hr, ticri@ticri.hr

Address: J. P. Kamova 19, 51000 Rijeka, Republic of Croatia

Contact Person:

Edavor Begonja, Director

Phone: + 385 51 218 430

Fax: + 385 51 218 270

E mail: ticri@ri.htnet.hr

Technology transfer offices at universities

The offices for technology transfer at the Croatian universities are mainly initiated by the CREATE project in 2008. Three technology transfer offices have been established: the Technology transfer office of the University of Split, the Technology transfer office of the University of Zagreb and the Technology transfer office of the University of Rijeka that has grown into the Science and Technology Park (STeP).

Office for Technology Transfer at the University of Rijeka (TTO UNIRI)

Acronym: TTO UNRI

Organisation title in local language: Ured za tehnološki transfer, Sveučilište u Rijeci

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Technology Transfer Office, University of Rijeka (TTO UNIRI), established in March 2009, was supported by the Croatian Science and Technology Project and funded by World Bank loan to contractually be part of the Ministry of Science, Education and Sports. The main activities are:

- The promotion of innovation culture;
- The protection of intellectual property rights at the University;
- Technology transfer activities.

Contact

Website:

http://www.uniri.hr/index.php?option=com_content&view=category&layout=blog&id=81&Itemid=166&lang=en

E-mail: utt@uniri.hr

Phone: +385 51 406 595

Address: Slavka Krautzeka 83/a, 51000 Rijeka, Republic of Croatia

Office for Technology Transfer at the University Of Split (Tto Unist)

Acronym: TTO UNIST

Organisation title in local language: Ured za tehnološki transfer, Sveučilište u Rijeci

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Technology Transfer Office (TTO) was founded in 2007 under the TEMPUS project "Stimulating Croatia's Entrepreneurial Activities and Technology Transfer in Education - CREATE" with multiple partners from Croatia and EU. The main activities of the office include the promotion of entrepreneurship and support to transfer of knowledge and research results from University of Split to economy.

Dissemination level: Public

From the fall 2008 TTO has been working in the Enterprise Europe Network (project SSBI-CRO) as a regional partner in charge of technology transfer support in south Croatia. As a EEN member it provides services to academic and business subjects alike. Instruments include partner search tools within technology transfer databases, fast access to information on funding opportunities and intellectual property rights. In order to assess the needs of companies and researchers staff of the TTO go to individual on-site visits and help clients create their technology profiles, which are actively promoted in the network.

The TTO organizes workshops on innovation, as well as brokerage events and missions to help companies and researchers find partners for collaborations such as licensing, technical cooperation or joint venture

The Office supports research in all stages of technology implementation: from idea, invention, process of intellectual property protection, to setting up a company and commercialization of intellectual property. In particular, the TTO helps in:

- Intellectual property protection
- Education of researches and students in entrepreneurship
- Writing business plans
- Making of marketing plans
- Setting up of companies
- Establishing contacts with business partners
- Other questions regarding the beginning an successful entrepreneurial activity

Contact

Website: www.utt.hr/?a=about_us&lang=en

Address: Department of physics, University of Split, Faculty of Science, Kopilica 5, 1. Floor, 21000 Split, Republic of Croatia

Contact person:

Dr. Leandra Vranješ Markić, Head of the office

Phone: +385 10 2130 2438

E-mail: leandra@pmfst.hr

Office for Technology Transfer at the University of Zagreb

Acronym: TTO UNIZG

Organisation title in local language: Ured za tehnološki transfer, Sveučilište u Zagrebu

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Technology Transfer Office (TTO) of the University of Zagreb supports and promotes the commercialization of innovative results created by University researchers.

The TTO was established in January 2008, with a mission to ensure the implementation and functioning of an effective infrastructure for technology transfer within the University of Zagreb in order to successfully transfer technologies to the

market so as to generate benefits for the inventor, the Faculty, the University and the Croatian economy.

These aims are accomplished through three main types of activities:

- The commercialization of research results;
- The management of intellectual property in research projects;
- Awareness raising and training on intellectual property and technology transfer.

The TTO supports researchers by evaluating the technical and commercial potentials of innovations. The TTO determines the appropriate way to protect the intellectual property and identifies the route to the market for the innovation. The TTO set a goal to successfully connect researchers and their research results with partners from industry and to ultimately capitalise the commercial potential of research.

In order to ensure that researchers have the necessary knowledge about intellectual property in research and commercialisation the TTO regularly organises workshops and seminars. Subjects such as intellectual property basics, management of intellectual property in research projects, technology transfer and commercialization of innovations are covered by these training sessions.

Contact

Website: technology.unizg.hr/

Phone: +385 1 4698 168

Fax: + 385 1 4698 136; + 385 1 4698 141

Address: Trg maršala Tita 14, 10000 Zagreb, Republic of Croatia

Contact person:

Srđan Novak, Head of Centre for Research, Development and Technology Transfer

E-mail: srdjan.novak@unizg.hr

4.2 Clusters

Another crucial element of national innovation systems are clusters can be defined “as a group of firms, related economic actors, and institutions that are located near each other and have reached a sufficient scale to develop specialised expertise, services, resources, suppliers and skills” (EC, 2008: 9). In this way, interactions, the exchange of knowledge, and the presence of a skilled labour force are facilitated and enable clusters to become important drivers for competitiveness and innovation (EC, 2008: 21).

Automotive Cluster of Croatia (ACH)

Acronym: ACH

Organisation title in local language: Automobilski klaster Hrvatske

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Croatian Automotive Cluster was established in June 2007 as an initiative of the Istrian Development Agency (IDA). The establishment of this cluster emerged as a solution for overcoming obstacles and barriers faced by business entities that directly or indirectly affect the automotive sector in Croatia.

The automotive industry is characterized by the increasing globalization of production. Constant downward pressure on production costs and high technological requirements of the world's carmakers facing manufacturers of parts for the automotive prevents the entry of new firms and the survival of the existing automotive market.

The Croatian Automotive Cluster aims to rapidly develop a reliable network of suppliers for the global automobile manufacturers in various segments, ensuring a higher degree of complexity of products and value added.

Contact

Website: www.ida.hr/index.php?id=112

E-mail: ida-uprava@ida.hr

Phone: +385 52 381 900

Fax: +385 52 381 905

Address: IDA d.o.o. Istarska razvojna agencija, Mletačka 12/IV 52100 Pula, Republic of Croatia

Contact Person:

Boris Sabatti, IDA

E-mail: boris.sabatti@ida.hr

BIOS Printing and Publishing Cluster

Acronym: BIOS

Organisation title in local language: BIOS – Grafički klaster

Organisation type: Cluster/Incubator/Innovation Infrastructure

The idea behind the printing and publishing cluster initiative originated in summer 2004 by four companies within Business Incubator BIOS operating in complementary areas of graphic and web design industry in the eastern part of Croatia.

An informal cluster of these four businesses accompanied by one external partner company was initiated with the main goal of sharing their technology and expertise in order to enable them to offer a wider range of quality products and services with competitive prices on local markets.

At the moment of writing the report, the BIOS Printing and Publishing cluster has 10 members with Business Incubator BIOS coordinating and managing joint market efforts.

The Clusters' products and services offered are: corporate identity development; web design and development; business web applications development; custom-design

wall, table and pocket calendars; promotional materials; binding, screen printing, gold printing; two-colour offset printing (books, magazines, science papers, reports, etc.); full colour digital printing (event tickets, invitations, diplomas, etc); continuous form printing (payment forms and orders); 360° spatial indoor and outdoor visualization; business card CDs; promotional CD/DVD recording and editing (textual, photographic, audio and video materials, animations, multicolour CD/DVD printing); large format laminating (B1); outdoor advertising; prismavision advertisement panels; rotapanel trivision scrolling posters; poster panels with internal illumination and parking meter advertising panels.

Contact

Website: <http://cluster.inkubator.hr/en/index.php>

E-mail: bios@osijek.hr

Phone: + 385 31 209 955

Fax: + 385 31 209 956

Address: J. J. Strossmayera 341, 31000 Osijek, Republic of Croatia

Boatbuilding Cluster

Organisation title in local language: Klaster male brodogadnje, d-o.o.

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Boat Building Cluster was founded on 28th of September 2007 on the top-down initiative of the Ministry of Economy, Labor and Entrepreneurship and Croatian export offensive project. Today the Cluster has 28 members and it is registered as trade association in Zagreb (9th of October 2007 at the Commercial Court in Zagreb). The main activities of the Cluster are: naval architecture and boat design, building and maintenance, and equipment and component installation.

The vision of the Boatbuilding Cluster is to create a synergy of domestic manufacturers of small boats and equipment manufacturers in order to make the Croatian small boatbuilding competitive and recognizable.

Contact

Web: www.boatbuildingcluster.com

E-mail: info@boatbuildingcluster.com

Phone: +385 1 650 44 31

Fax: +385 1 650 44 31

Address: Avenija V. Holjevca 20, 10 020 Zagreb, Republic of Croatia

Contact person:

Mario Krizman, Director

E-mail: mario.krizman@kompas-rijeka.hr

Cro.ICT - Croatian ICT Cluster Initiative

Acronym: Cro.ICT

Organisation title in local language: Savez hrvatskih ICT udruga (Klastera)

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Association of Croatian ICT Clusters – cro.ict was founded in Rijeka in September 2007 as a bottom - up cluster initiative of the 6 regional clusters: DISC - Dalmatinski informatički strukovni cluster, GRIT ICT Cluster, Rijeka, ICT Cluster Varaždin, ICT ISTRRA - Informacijsko - tehnološki cluster Istra, IKS - Informatički klaster Slavonije, MIT Cluster - Međimurski IT Cluster and three other association: I3, Internet Institute and Initium. The main purpose of the signed Agreement between TIPA and Cro.ICT alliance of Croatian ICT association (cluster) is to achieve a coordinated image for promoting Croatia as a possible location for foreign investment in the ICT industry, including the endorsement of Croatian ICT market as a strong subject in the global market, with the final goal of enhancing the export of Croatian ICT technology.

Now the alliance of Croatian ICT associations (cluster) is a common denominator for seven smaller clusters that are comprised of around 60 companies with around 700 employees. The main partners are regional development agencies, business incubators and technological parks.

At the moment main supporters are the Business Innovation Center of Croatia (BICRO) and the German society for technical cooperation (GTZ).

Contact

Website: www.cro-ict.net

Email: info@cro-ict.net

Address: Association of Croatian ICT Clusters - cro.ict, HR-51000 Rijeka, Milutina Barača 19, Republic of Croatia

Contact person:

Boris Krstanović, President

Phone: +385 98 259 305

Mob: +385 98 259 305

E-mail: boris@multilink.hr

Northwest Croatian Wood Industry Cluster (Varaždin County)

Organisation title in local language: Drvni klaster sjeverozapadne Hrvatske

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Northwest Croatian Wood Industry Cluster was founded by the most prominent wood manufacturers of northwest Croatia at the end of 2005. The initiative came from Croatian Chamber of Commerce - County Chamber in Varaždin with the goal to develop, improve and promote wood industry and make it more competitive in ever more demanding global market.

The base of Cluster activities represents very close cooperation with all companies and industries included in the value added chain together with R&D institutions and local and national authorities.

The Wood Cluster comprises of:

- 13 companies employing 3.000 people (sawmills, carpentry products, furniture producers);
- 3 Regional Chambers of Commerce; and
- College for Technology and Design in Varaždin.

The Cluster strategy covers the implementation of new technologies; design and product certification; lowering of the input costs; maximisation of the use of raw material leftovers and economical use of energy.

The vision for the near future of the Cluster is to act as a:

- Center of expertise for wood product businesses with the main accent on R&D projects; and
- Significant part of economic development for Northwestern Croatia.

Contact

Website: www.drzni-cluster.com/index.php

E-mail: info@drzni-cluster.com;

Phone: + 385 42 405 411

Fax: +385 42 405 401

Address: Preradovićeve 17/II, Varaždin, Republic of Croatia

Contact Person:

Sandra Hižak, Cluster Manager

E-mail: shizak@drzni-cluster.com

Shipbuilding Cluster

Acronym: HB

Organisation title in local language: Hrvatska Brodogradnja Jadranbrod d.d

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Croatian Shipbuilding Company Ltd. (CSC) was established in 1994 by decision of the Government of Croatia and the company merged with the former Association JADRANBROD in 1997 founding Hrvatska Brodogradnja - Jadranbrod D.D., Croatian Shipbuilding Corporation Jadranbrod. This is a joint company of five major Croatian Shipyards, where the Croatian Government holds a majority of shares.

Croatia has a long history of shipbuilding and shipping. Its shipbuilding industry operates on the international market and export orientation is the dominant feature. Contracts, supported with guarantees either of Croatian Bank of Reconstruction and Development (HBOR) or Croatian commercial banks, which are accepted by first class European banks, are providing full security to the owners.

Contact

Website: www.hb.hr/introduction.htm

E-mail: hb@hb.hr

Phone: + 385 1 6596 959, + 385 1 6596 999

Fax: + 385 1 6596 985, + 385 1 6596 980

Address: Avenija V. Holjevska 20, 10 020 Zagreb, Republic of Croatia

Contact Person:

Siniša Ostojić, Commercial & Marketing Director

Phone: + 385 1 6596 970

E-mail: sostojic@hb.hr

Wood Cluster of Western Croatia (Lika and Gorski kotar)

Organisation title in local language: Drvni klaster

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Wood cluster of Western Croatia (Lika and Gorski kotar) was created in 2002 and gathers different producers oriented on wood processing in this mountain part of Croatia. The cluster has its economic justification through the presence of natural raw material resources, competent and specialized workforce, participation and development of local suppliers and contractors and through recognizable technical infrastructure. It has started social processes as a result of initiating start-up projects and stimulating local companies on cooperation.

Contact

Website: www.wood-center.com/hr/contact.html

E-mail: drvni.klaster@gmail.com, drvni.klaster@ri.t-com.hr

Phone +385 51 508 001

Fax: +385 51 508 006

Address: Lujzinska 22, 51300 Delnice, Republic of Croatia

4.3 Technology and Science Parks

According to a definition by the World Bank, a science park is aimed at business support and technology transfer and constituted by several “functional” and “physical” components. On one hand, a science park is characterized by the participation of the following stakeholders: 1) businesses (MNCs, domestic companies, start-ups); 2) knowledge providers (university research and education infrastructures, applied research labs, etc.); 3) industry support services (business incubators and enterprise development areas, usually managed by private operators); and 4) financial support services (venture capital, regional development agencies and banks). On the other

Dissemination level: Public

hand, a science park offers a physical environment for its purpose through the provision of infrastructure and facilities (office buildings, meeting rooms, transportation, power, ICT connectivity, etc.). (World Bank 2010: 311). The terms technopolis, “technology park”, “science park”, “technology & science park” or “research park” are often used synonymously.

Industrial park Nova Gradiska (IPNG)

Acronym: IPNG

Organisation title in local language: Industrijska park Nova Gradiška

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Industrial park is located in the city of Nova Gradiska in western Slavonia. The city is the center of the entire area with a population of 60,000 inhabitants. The economic potential of the town Nova Gradiska is significant due to the available human and natural resources, and due to its outstanding geo-traffic position. The workforce is relatively well educated and skilled. Craftsmen and small businesses are one of the most important and most dynamic segments of the economy of the City of Nova Gradiska. The aim of the Industrial park and a zone of small businesses is to build the business infrastructure, incentives and facilitation of investment, loan programs, and professional support to artisans and small entrepreneurs.

Supported by the program TEHCRO of the BICRO the Industrial Park Nova Gradiska is implementing the project Business Innovation Support Centre Nova Gradiska. The total support amounts to €0.7m for a period of five years.

The Business Innovation Support Centre offers over 600m² of office space and 1500m² of production space to entrepreneurs. It also provides modern equipment and CNC machines for metal working. The Center's activities will include development of training and educational center for entrepreneurship and CNC technology, engineering and technology services for innovative technology companies in the incubation program, and business and marketing services to clients' needs.

Contact

Website: www.ipng.hr/v2/index.php?vijesti=p2.php

E-mail: info@ipng.hr

Phone: +385 35 35 99 10

Address: Trg kralja Tomislava 1, 35400 Nova Gradiška, Republic of Croatia

Science and Technology Park Rijeka (STeP RI)

Acronym: STeP RI

Organisation title in local language: Znanstveni i tehnološki park Rijeka

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Science and Technology Park, University of Rijeka (STeP Ri) was established in August 2008 to foster the synergy of science and entrepreneurship at the regional, national and international level. This is the first Science and Technology Park in Croatia founded at the initiative of the university. It is supported by the University of Rijeka and the Primorje-Gorski Kotar County as partners on the project and co-financed by the TEHCRO programme of the BICRO.

The SteP Ri provides three types of services:

- Incubation of entrepreneurs (the so-called spin-off company);
- Protection and transfer intellectual property;
- Licensing and commercialization of newly generated intellectual property.

Moreover, there are group of services that are offered to business incubator tenants STeP Ri and external customers:

- Market analysis and strategy,
- Financial consulting, organization and management,
- Counseling regarding the protection of intellectual property and technology transfer,
- Development of business plans,
- Public relation support,
- Networking, Mentoring
- Other business consulting (business development, exit strategies and raise capital).

In addition, STeP Ri is responsible for pre-incubation services and activities that are intended for researchers, students and high school students with the aim to foster science business cooperation in the region as well as on the national and international level.

Contact:

Website: www.step.uniri.hr/misija-i-ciljevi/#

E-mail: step-ri@uniri.hr

Phone: +385 51 265 961

Fax: +385 51 499 799

Address: Slavka Krautzeka 83/A, 51 000 Rijeka, Republic of Croatia

Contact person:

Boris Golob, Director

Email: bgolob@uniri.hr

Technological Park Kutina - Impulse Center (TP Kutina –IC)

Acronym: TP Kutina -IC

Organisation title in local language: Tehnološki park Kutina- Impulsni centar

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Technology Park is located in the facility owned by the City of Kutina - MOSLAVKE former building which meets all the necessary applications to create

Dissemination level: Public

Impulse center. Technology Park is positioned on the second floor in the west wing of the building area of 134 m² at 7 offices.

The highest concentration of knowledge in the region of Moslavina is found in Kutina since it has the conditions for technological development and technological knowledge that includes:

- Companies Petrokemija and Selk;
- Developed enterprise focused on export activities with a substantial change of technology and experts;
- System of secondary schools and higher percentage of the total urban population;
- Vicinity of Zagreb, as a center of higher education in the country.

Contact

Website:

<http://www.kutina.hr/gospodarstvo/Poticanijegospodarstva/Tehnolo%C5%A1kipark/ta/bid/222/language/hr-HR/Default.aspx>

Address: Tehnološki park Kutina - Impulsni centar, A. Šenoa 2, 44320 Kutina, Republic of Croatia

Contact person:

Marija Vučinić

Phone: 385 44 692 021

Fax: + 385 44 683 463

Email: vucinic@kutina.hr

Technology Park Varaždin

Organisation title in local language: Tehnološki park Varaždin

Organisation type: Cluster/Incubator/Innovation Infrastructure

Technology Park Varaždin is located in the district, where a critical mass of high professional knowledge and resources needed for the development of economical activities based on new technologies, exists.

The biggest concentration of knowledge in the region is located within faculties in Varaždin, where more than 100 doctors of science, masters and graduated engineers officiate:

- Geotechnical Faculty of University of Zagreb;
- Textile Technological Faculty of University of Zagreb;
- Electro Technical Faculty Varaždin and Electro Engineering Faculty Varaždin; Engineering and Transport School Varaždin;
- Mining Chemistry School Varaždin, and
- School of Design and Textile Varaždin.

The Park is initiated in 2003. This first phase of the project consists of foundation of Impulse center by Secondary school of Electrotechnics and Mechanics in Varaždin. The second phase of the project, the establishment of Technology park Varaždin, was arranged by University of Applied Sciences. The City of Varaždin that is the founder and owner of University of Varaždin assigned Technology park Varaždin the building with 1300 m² of available business space. At the beginning of 2007, there were 35 companies in the incubation process, mostly from the ICT sector. There were several companies from other different sectors whose incubation was possible because of the availability of business space.

The co-financing of the project is provided by the government agency BICRO (Business Innovation Center of Croatia) since 27.11.2007. The cofinancing refers to building reconstruction (3300 m²) and operating expenses.

Contact

Website: www.tp-vz.hr/

E-mail: info@tp-vz.hr

Phone: +385 42 213 700; +385 42 213 700

Fax: +385 42 200 720

Address: Zagrebačka 94, 42000 Varaždin, Republic of Croatia

Technology Park Zagreb (Zagrebački holding) - TPZ

Acronym: TPZ

Organisation title in local language: Tehnološki park Zagreb

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Technology Park Zagreb (TPZ) is the first technology park, the entrepreneurial incubator for high technology in Croatia, founded in 1994 in the framework of KONČAR concern. After the summer of 1998 it was conveyed to the City of Zagreb with the objective to stimulate entrepreneurship and private initiative in the area of development and high technologies within the framework of Programme for Stimulating the Development of Crafts, Small and Medium-sized Businesses in the City of Zagreb. Since January 2007, the TPZ operates within company entitled 'Zagrebački holding'.

The Park aims to stimulate entrepreneurship and private initiatives in the area of development and high technologies; to provide technical and management trainings; improve the innovativeness; to develop technical and business sense of self-confidence within entrepreneurs and to improve competitiveness of domestic hi-tech oriented companies.

Major parts of the TPZ financing are created by subventions from City of Zagreb and Ministry of Economy, Labour and Entrepreneurship (approximately 60%), and remaining 40% is covered by projects and services on the market.

Within its services, TPZ offers its clients:

- Reduced renting costs (subsidized by the City of Zagreb);
- Necessary infrastructure; advising and business consultancy;
- Marketing assistance (appearance on exhibitions and fairs, mutual web site, brochures, articles, TV);

- ISO 9000 project - mutual team work (subsidized again by the City of Zagreb);
Donations - using donations awarded to TPZ (Microsoft licenses, computers, etc);
Innovation support;
- Mutual projects and "clusters";
- Business education; and
- System synergy (stimulating, working, developing, innovative environment).

Contact

Website: www.raza-tpz.hr/Default.aspx?sid=3

E-mail: info@tehnopark.hr

Contact Person:

Marijan Ožanić, Manager

Phone: + 385 1 3667 101

E-mail: m.ozanic@raza-tpz.hr

4.4 Business incubators in Croatia

In Croatia, there is a different and complex structure for local and entrepreneurship development and business incubation. It consists of around ([Business navigator](#)):

- 23 business incubators;
- 44 entrepreneurial centres;
- 27 development agencies;
- 13 free zones;
- 108 entrepreneurial zones

Although their structure, organization, legal status, ownership structure, etc. differ, they are focused at the entrepreneurial life. Some of these organisations will be presented within this report.

Business incubators bring together small businesses which are just starting to do business or are in the growth and development and have their own space. Incubators enable businesses to use office space at very favorable terms (without rents, or with reduced rent) for a limited number of years - the incubation period after which they should become independent and leave the place. Besides office space, users are available to business infrastructure, intellectual and business services, etc.

One part of the services of an entrepreneurial incubator is general (administrative services, accounting, assistance in managing the business, etc.) and can be provided within the incubator, a part of the service can be provided for external users. Business incubators can be a legal person or other organizational forms owned by local / regional governments, the private property, owned by other institutions, etc., and are established in order to use existing office space (owned by the state, local governments, privately-owned or others) for the needs of entrepreneurs.

Business incubators are financially supported under a special program of the respective ministries, usually MINGORP.

The list of business incubator in Croatia is as follows:

1. Business incubator BIOS, Ltd.
2. Business incubator Hrvatska Kostajnica, Ltd.
3. Business incubator Osvit – Cooperative
4. Business incubator Samobor, Ltd.
5. Business incubator, Ltd., Zadru
6. Business incubator Brodin, Ltd.
7. Business incubator, Bjelovar, Ltd.
8. Business incubator of the city of Labin
9. Business incubator Koprivnica, Ltd.
10. Business incubator Rujevica, PORIN- Rijeka
11. Business Incubator Torpedo, PORIN-Rijeka
12. Business incubator Velika Pisanica
13. Business incubator Pitomača
14. Business incubator Zdenci
15. Business incubator Kutina
16. Business incubator Senjak
17. Business incubator “Challenge”
18. Business incubator Vukovar
19. Business incubator Sv. Petar Orehovec
20. Business incubator Split 3 Prima
21. Business incubator Gornja Rijeka
22. Business incubator Kalnik
23. Business incubator RUBINI, Ltd.
24. Business incubator Šibenik

Business Incubator BIOS, Osijek

Acronym: BIOS

Organisation title in local language: Poduzetnički incubator BIOS, OSIJEK

Organisation type: Cluster/Incubator/Innovation Infrastructure

The target markets for the Business Incubator BIOS are start-up entrepreneurs and small and new businesses up to one year old involved in production or production based services. The use of the premises is limited to 3 to 5 years depending on the type of industry. The office space and production facilities are free for the first year of tenancy, while later payment of limited fees is expected.

The goals of the incubator are following:

- Participating in the regional economic development;
- Promoting local SMEs and providing assistance in the new businesses development;
- Increasing the number of businesses that survive on the market;
- Decreasing the probability of start-up enterprises market failure;

- Decreasing the business setup and growth time and making these processes more cost efficient; and
- Providing business consulting, educational, technical assistance and other services to its tenants and other small and medium sized enterprises in our region.

The services offered by BIOS to tenant firms cover office and workshop space at preferential rates; use of office, computer and communication equipment; use of meeting facilities and park space; and other support services, such as consulting services and conference hall usage.

Contact

Website: www.inkubator.hr/

Phone: + 385 31 209 955

Fax: +385 31 209 956

Address: J.J.Strossmayera 341, 31000 Osijek, Republic of Croatia

Contact person:

Tomislav Šerić, Director

E-mail: uprava.bios@gmail.com

Business Incubator BRODIN

Organisation title in local language: Poduzetnički inkubator BRODIN

Organisation type: Cluster/Incubator/Innovation Infrastructure

Business Incubator Brodin d.o.o. was founded in 18th January 2001 by the e city of Slavonski Brod which ha - 84% of share and other partners: Brod-Posavina County, Croatian Chamber of Commerce, Craftsmen Association Brod and the Technology Development Center.

The Incubator provides lease of manufacturing space in a specially arranged and adapted infrastructure production workshop area of 843 m², which is owned by the Incubator. The hall is surrounded by partition walls 8 separate work areas for entrepreneurs. The hall is equipped with utilities and other infrastructure needed for smooth operation start-up entrepreneurs and entrepreneurs in the growth and development phase, in terms of modern business.

Contact

Website: www.pi-brodin.hr/

E-mail: info@pi-brodin.hr

Phone: + 385 35 408 695; + 385 5 408 695

Fax: + 385 35 408 696

Address: Mile Budaka 1, 35000 Slavonski Brod, Republic of Croatia

Contact Person:

Dražen Filošević, President of the Management Board

E-mail: direktor@pi-brodin.hr

Business Incubator Labin

Organisation title in local language: Poduzetnički centar Labin

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Business incubator Labin was established in 1998 in the Spaces dilapidated hotel Kasturi in Labin. The local authorities decided to adapt and reconstruct it and to foster the development of entrepreneurship.

The entrepreneurial Incubator Labin is currently based on renting space, and given the similarity of users' activities; there are great opportunities for their cooperation and joint appearances on the market.

The Space entrepreneurship incubator covers 1150 m² (basement, ground and first floor). Size of office spaces ranges from 9 m² to 203.55 m².

In the basement are located manufacturing facilities: printing and sewing. The ground and first floor are offices that are done designing, programming, preparation of production, simulation and testing software, tourism, radio and other activities.

Currently, this business incubator operates 10 businesses and 3 artisans who employ 127 workers.

Contact

Website: <http://www.business-navigator.biz/poslovni centri/poduzetnicki inkubatori rh/poduzetnicki inkubator labin?&l over=1>

Phone: + 385 52 852 078

Fax: + 385 52 852 269

Address: Katuri 17, 52220 Labin, Republic of Croatia

Contact Person:

Davor Črljenko, Director

Email: davor.cerljenko@labin.hr

Business Incubator PINS Skrad Ltd.

Acronym: PINS

Organisation title in local language: Poslovni incubator PINS SKRAD

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Business Incubator PINS Skrad Ltd. represents one of the incubators established under the auspices of local authorities in 1996. The major objectives are:

business assistance, promoting new technologies, establishing network among firms and providing different kind of training for SME's.

The Incubator provides mainly administrative services; business planning; networks entrepreneurs; provides financial support and helps with creation of development plans.

There are no official agreements between partners; their work is based on specific projects. The incubator is financed via different projects' sources from the Ministry, County, municipalities, but also from EU funds.

Contact

Website: www.pins-skrad.hr

E-mail: pins@ri.t-com.hr

Phone: +385 51 820 045

Mobile: +385 98 55 21 28

Address: Ivana Gorana Kovačića 3, 51311 Skrad, Republic of Croatia

Contact Person:

Danijel Bertović, President of the Board

E-mail: danijel@pins-skrad.hr

Business Incubator Torpedo - PORIN Rijeka

Acronym: PORIN

Organisation title in local language: Poduzetnički inkubator Torpedo - PORIN Rijeka

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Business incubator Torpedo is a part of the Development agency of PORIN Rijeka. The incubator" provides its entrepreneurs foremostly with premises, administrative and business support, while the Town of Rijeka provides financial support in the form of specified-purpose entrepreneurial loans for the acquisition of fixed assets required for the production of their products. All the members of the entrepreneurial incubator have been granted favourable interest-free long-term loans. The incubator members do not need to set aside funds for purchasing telephones, faxes, PC-s or similar office equipment, as this equipment, as well as a secretary, is at their disposal at the incubator head offices at a fee for services rendered.

The basic criteria applied in choosing tenants for the incubators are as follows:

- Development of an oriented production program or a service trades program connected with production; and
- The carrier of the programme should be an entrepreneur-beginner or an entrepreneur not previously independently engaged in production.

At the moment there are 17 tenants in the Incubator.

The goal behind the Incubator establishment is to form a significant number of new, small and medium sized enterprises, with a view to first providing subsistence to those entrepreneurs with sound production programs, and then to create conditions

for their unhindered development until the time these enterprises will have grown strong enough with a clear concept of development and a firm management to expand to new markets.

Contact

Website: www.porin.hr/poduzetnistvo/inkubator-torpedo

E-mail: rraporin@porin.hr

Phone: +385 51 634 330

Fax: +385 51 634 340

Address: Milutina Barača 19, 52000 Rijeka, Republic of Croatia

Contact persons:

Darko Jardas

E-mail: darko.jardas@porin.hr

Doris Sosic

E-mail: doris.sosic@porin.hr

Business Incubator Zadar

Organisation title in local language: Poduzetnički inkubator Zadar

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Business Incubator was established by the City of Zadar in 2003 with the purpose of supporting the development of SMEs. Services of the Incubator can be used by entrepreneurs just starting their own business, or by entrepreneurs with companies, business operating no more than one year.

The area offered possible clients - entrepreneurs varies from 20 -100m² and can be for disposal at maximum for 5 years (first year without rent, second year 15% of the rent, third year 30%, for the fourth year 60%, and for the fifth year whole sum has to be paid).

Contact

Website: www.poduzetnicki-inkubator.hr/

Email: info@poduzetnicki-inkubator.hr

Phone: + 385 23 319 590

Fax: + 385 23 319 600

Address: Poduzetnički inkubator d.o.o. G. Budislavića 99, 23000 Zadar, Republic of Croatia

Contact person:

Perislav Zrilić, Director

Entrepreneurship Incubator "Challenge"

Organisation title in local language: Poduzetnički incubator "Izazov"

Organisation type: Cluster/Incubator/Innovation Infrastructure

Aiming at stimulating small entrepreneurs and guided by the wish to make starting their own businesses easier for them, the Istrian Development Agency (IDA) Ltd. established the Pula-based entrepreneurship incubator "Challenge" in 2005. In the project framework young, educated persons just starting their businesses are provided with initial business premises and advisory assistance, and they are also given the opportunity to obtain financing through a guarantee fund.

The procedure is conceived in such a manner that newly established companies can apply for subsidized business premises, which they may use from three months to three years. There is no rent to be paid in the first three months, during the remaining nine months of the first year they must pay 25%, during the second year 50%. During the third year 75% of the set rent sum is being paid. The contract for the use of business space in the entrepreneurship incubator expires after three years.

In 2005, five companies moved into IDA's entrepreneurship incubator "Challenge": Eurokonzalting (Pula); Sedam i pol Ltd. (Pula); Association Uzpiro Cro (Pula); Klimax Ltd. (a branch of the Infobip company from Vodnjan); and Enterprising Croatia (regional centre for the counties of Istria, Primorsko-Goranska and Ličko-Senjska).

In the course of 2006, another five companies joined the entrepreneurship incubator: Foundation for the Promotion of Civil Society Partnership and Development (Pula); Prosper (Pula); Microedukacija Ltd. (Split, Pula branch office); IGD Ltd. (Pula); and L.O.D.E. Regione Veneto - Point of Pula.

Contact

Website: www.ida.hr/index.php?id=113

E-mail: ida-uprava@ida.hr

Pone: +385 52 381 900

Fax: +385 52 381 905

Address: IDA d.o.o. Istrian Development Agency, Mletačka 12/IV 52100 Pula, Republic of Croatia

Contact Person:

Boris Sabati

E-mail: boris.sabatti@ida.hr

Entrepreneurship Incubator OSVIT - Donji Miholjac

Organisation title in local language: Miholjački poduzetnički centar d.o.o.

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Incubator runs under the Business Centre Miholjac, which is a local development agency, founded in order to create local conditions for economical development,

employment and competitive business sector and to attract of foreign investment and creating of productive business climate.

The founders are: Osječko-baranjska County, the town Donji Miholjac and community Magadenovac.

Activities implemented in the Business Centre:

- Creating programmes for regional and local self-government;
- Providing information about projects and programmes in entrepreneurship
- Creating and managing business zones;
- Coordination and help in applying for projects for EU funds;
- Writing EU funds' project proposals;
- Attracting of foreign direct investment (FDI); and
- Coordination of business activities in local area.

Contact

Website: www.mpc-miholjac.hr/

E-mail: mpc.miholjac@gmail.com

Phone: + 385 31 63 09 44

Fax: + 385 31 63 09 43

Address: Trg Ante Starčevića 1/1, 31 000 Donji Miholjac, Republic of Croatia

Contact person:

Valent Poslon, Director

E-mail: valent.poslon@gmail.com

Entrepreneurship Incubator SENJAK Knin

Organisation title in local language: Poduzetnički inkubator „Senjak“

Organisation type: Cluster/Incubator/Innovation Infrastructure

The Entrepreneurship Incubator Knin was founded in compliance with the Programme for Supporting of Development of Trade, Small and Medium-sized Entrepreneurship of Knin and Šibensko-kninska county on September 28, 2001.

The founder of the Incubator is the City of Knin and the Incubator started to operate in November 2001.

Activities provided by the Incubator are: re-establishment and organisation of entrepreneurship infrastructure (business incubators and zones); market and public opinion research; real estate business; and publishing catalogues about small and medium-size entrepreneurship.

Contact

E-mail: czp-knin@si.htnet.hr

Phone: 385 22 664 993

Fax: +385 22 664 994

Address: Kralja Tvrtka 3, 22 300 Knin, Republic of Croatia

PINHK d.o.o. - Entrepreneurial Incubator, Hrvatska Kostajnica (Sisak - Moslavina County)

Acronym: PINHK

Organisation title in local language: Poduzetnički inkubator Hrvatska Kostajnica

Organisation type: Cluster/Incubator/Innovation Infrastructure

PINHK d.o.o. was founded in 1999 in order to improve entrepreneurship in general and especially to institutionally support and help the development of the incubator system of entrepreneurship. The Incubator intended to support the founding and the development of small and medium size companies and crafts in the area of Hrvatsko Pounje.

Advantages for the users are the following: help with the creation of a business plan and with the founding of a company, rent-free business facilities for the first year (then reasonable rents offered), favourable use of administrative and technical equipment of the incubator (telephones, faxes, copy machines of the incubator), services of a business secretary, advising, etc.

Contact

Website: www.hrvatska-kostajnica.hr

Phone: + 385 1 44 851 255

Fax: + 385 1 44 51 255

Address: R. Djetelica 70, 44 430 Hrvatska Kostajnica, Republic of Croatia

Contact Person:

Višnja Trivunić, Director

E-mail: poduzetnicki.inkubator.hrvatska.kostajnica@sk.htnet.hr

4.5 Other related Organisations

In addition to the above presented main innovation infrastructures, other organisations exist such as banks, employers' associations, chambers of commerce, regional development agencies, enterprenurial centres and free enterprise zones. These provide special services which foster innovation and have positive impact on innovative entrepreneurship. The following chapter tries to give an overview of other innovation-related organisations.

Centre for SME and Entrepreneurship Policy (CEPOR)

Acronym: CEPOR

Organisation title in local language: Centra za politiku razvoja malih i srednjih poduzeća i poduzetništva

Organisation type: Research Institute

The Centre for SME and Entrepreneurship Policy (CEPOR) is the first think-tank in Croatia, which deals with the problems of the SME sector. CEPOR is a non-profit organization founded in 2001 based on the Agreement between the Republic of Croatia and the Open Society Institute - Croatia. 10 institutional founders of CEPOR are the leaders in their fields of work - from the academic community to business associations, development agencies and entrepreneurial centers.

CEPOR's mission is to influence the public and political environment, emphasizing the key role of entrepreneurship and SMEs in the development of Croatian economy. CEPOR aims to contribute to the shaping of entrepreneurial culture and stimulating institutional and regulatory framework for entrepreneurial activity, with the goal of achieving strong economic growth based on international competitiveness.

The Centre's mission is fulfilled with the following activities:

- Connecting with policy centers whose activities are focused on the issues of SMEs and entrepreneurship;
- Organizing round tables, workshops and gatherings focused on policy aspects of the development of the SMEs sector and entrepreneurship; and
- Educating groups in charge of implementing, monitoring and evaluating policies towards SMEs.

Areas of the Centre's work are:

- Research: Independent research related to policy of development of entrepreneurship and SMEs with the purpose to objectively define the problems and propose solutions.
- Policy Development: Providing counsel to government institutions with the purpose of building Government's legislative and institutional capacity for designing and implementing efficient and non-discriminatory policies for the development of SMEs.
- Advocacy: Organizing activities that will allow problems of SMEs to be heard and discussed in the public and presenting recommendations to the Government in order to achieve specific solutions.

Contact

Website: www.cepor.hr/

E-mail: cepor@zg.htnet.hr

Phone: + 385 1 2305 363

Mob: + 385 98 98 151 73

Fax: 385 1 2345 577

Address: Trg J.F.Kennedy 7, 10000 Zagreb, Republic of Croatia

Contact Person:

Mirela Alpeza, Director

E-mail: malpeza@cepor.hr

Croatian Agency for Mobility and EU Programmes

Acronym: AMPEU

Organisation title in local language: Agencija za mobilnost i EU programe

Organisation type: Agency/Fund

The Agency for Mobility and EU Programmes (AMPEU) is a public institution established in 2007 with a mission to promote and implement the lifelong learning and mobility programmes of the European Union concerning the education and youth. The Agency is entrusted with the execution of the European Commission's Integrated Programme for Lifelong Learning, Croatian EUROAXESS portal, Marie Curie programme, etc. It is also the national focal point for researchers' mobility within the European Network of Mobility Centres (ERA-MORE).

The main activity of the AMPEU is to encourage international mobility in Croatia through the EU mobility programmes directed towards education and youth. It informs the public about the programmes, provides support during mobility, advises potential users, performs the selection of received applications and awards funds for the implementation of selected projects. The Agency also oversees the implementation of projects and monitor assigned to the regularity of spending financial resources.

The Agency implements the following mobility programmes: the [Lifelong Learning Programme](#), the [Youth in Action](#), the [Europass](#) (a set of documents for better understanding of somebody's the qualifications) the [Erasmus Mundus](#). The first three programmes are designed to promote cooperation between educational institutions across Europe and mobility of participants while Erasmus Mundus is aimed at installation of the joint university's studies). It also provides assistances for the [Bilateral Mobility Programme](#) and promote the following initiatives and programmes: [Europass](#) (a set of documents for the purpose of transparency of qualifications) and [Erasmus Mundus](#) (the establishment of international joint graduate and doctoral studies)

In the summer of 2008, the Agency for mobility and EU programmes became responsible for the implementation of the [ERA-MORE/EUROAXESS](#) programme whose main objective is to establish a [researcher's mobility network in Croatia](#) which will assist with the integration of the Croatian researchers into the European Research Area. The core of the services is provided by the [Euroaxess portal](#) which provides practical information for incoming and outgoing researchers.

Contact

Website: www.mobilnost.hr/index_en.php

E-mail: info@mobilnost.hr

Phone: +385 1 5005 635; +385 1 5005 635

Fax: +385 1 5005 699

Address: Gajeva 22, 10000 Zagreb, Republic of Croatia

Croatian Bank for Reconstruction and Development (HBOR)

Acronym: HBOR

Organisation title in local language: Hrvatska Banka za obnovu i razvoj

Organisation type: Other

The Croatian Bank for Reconstruction and Development (HBOR) is the development and export bank of the Republic of Croatia with the main task of promoting the development of the Croatian economy.

By extending loans, insuring export transactions against political and commercial risks, issuing guarantees and providing business advice, HBOR builds bridges between entrepreneurial ideas and their accomplishment with the objective of enhancing the competitiveness of the Croatian economy.

With its headquarters in Zagreb and five regional offices in Split, Pula, Rijeka, Osijek and Gospić, HBOR directs the majority of its business activities and loan programmes at improving the sources and conditions of finance and introduction of new financial products and models of finance. Working closely with commercial banks, it supports export-oriented companies through several export enabling and export insurance and guarantee schemes and programmes.

Contact

Website: www.hbor.hr

E-mail: ured-uprave@hbor.hr

Phone: +385 1 4591 666

Fax: +385 1 4591 721

Address: Strossmayerov trg 9, 10000 Zagreb, Republic of Croatia

Contact Person:

Petar Mandić, Head of the Managing board Office

E-mail: pmandic@hbor.hr

Croatian Chamber of Economy (CCE)

Acronym: HGK

Organisation title in local language: Hrvatska gospodarska komora

Organisation type: Association

The Croatian Chamber of Economy is an independent professional and business organisation of all legal entities engaging in business. It was established in 1852, organised in European tradition and on the so-called continental model of Austrian and German chambers with compulsory membership. Every company registered with the Commercial Court is a member of the Chamber.

The Croatian Chamber of Economy consists of the Headquarters in Zagreb and 20 county chambers. Among these, the Zagreb Chamber represents both the City of

Zagreb and Zagreb County. Functionally, the CCE consists of 8 departments dealing with the respective branch of the economy, and it also includes 40 professional associations, 87 groups and 19 affiliations. Apart from this, within the CCE act five business centres, Permanent Arbitration Court, Conciliation Centre, Court of Honour and CCE Office for Areas of Special State Concern.

CCE activities cover:

- **Representation:** The representation of economic interests before economic policy makers is achieved in the form of written materials, opinions on the respective measures or bills, active participation in Government or ministry sessions, either as a member or upon invitation, mandatory position statements for parliamentary committees - primarily on economic, budgetary, financial, labour and social policy issues. This also includes providing parliamentary representatives with materials. The CCE prepares materials on topical economic issues and refers them to relevant departments as joint proposals of the business community. The CCE also commissions studies, thus harnessing the professional and scientific communities for the benefit of the economy.
- **Promotion of the economy home and abroad:** One of the most important tasks of the Chamber is the improvement of economic co-operation with foreign countries. This is achieved through various activities aimed at increasing the exchange of goods and services, and also at making improvements in all other forms of economic co-operation with business actors abroad.

Special attention is paid to promotional activities through which the Croatian economy is represented in the respective country (counselling business partners, organising visits for numerous foreign business representatives, leading fairs and shows, etc.)

Contact

Website: www2.hgk.hr/en/

E-mail: hgk@hgk.hr

Phone: +385 1 45 61 555

Fax: +385 1 48 28 380

Address: Rooseveltov trg 2, 10000 Zagreb, Republic of Croatia

Contact Person:

Nadan Vidošević, President

Tel.: +385 (0)1 4561-712, 4561-713

Fax: +385 (0)1 4828-365

E-Mail: predsjednik@hgk.hr

Croatian Chamber of Economy - Affiliation of clusters

Acronym: HGK

Organisation title in local language: Sektor za industriju HGK, Zajednica klastera

Organisation type: Association/NGO

The Affiliation of clusters was established within the Croatian Chamber of Economy (CCE) in November 2007 and covers the whole country with its activities.

The Affiliation of clusters was founded as a bottom-up initiative of existing Croatian clusters in order to articulate and perform their interests and needs. The key issue was speeding up clusterisation processes of the Croatian economy in harmony with the governmental economy strategy objectives.

The Affiliation's objectives are:

- The promotion of innovation and new technologies;
- The analysis of technical trends;
- The enhancement of production processes;
- The establishment of a network among companies and fostering networks among institutions;
- Improvements in regulation and policy;
- Joint purchasing;
- Export promotion;
- Technical or management training, etc.

The cluster members united in the Affiliation are from the following branches: Civil engineering and construction; Wood processing; Shipbuilding and naval architecture, Yacht engineering and building; Graphic design and printing; Ecological food production; Shoemaking; Metallurgy; ICT; Railroad infrastructure and Transport.

Activities carried out include: Education of cluster managers; Promotion of best practices; Dissemination of information related to advantages and disadvantages of certain legal kind of registering; Encouragement to business internationalization are some of the services provided by the Affiliation.

At the moment, the Affiliation of clusters has more than 40 members, clusters, companies, R&D and individuals (from academic community), but international cooperation has not yet been established.

Contact

Website: <http://hgk.biznet.hr/hgk/tekst.php?a=b&page=tekst&id=1943>

E-mail: hgk@hgk.hr

Phone: + 385 1 4606 748

Fax + 385 1 4606 737 Address: Draškovićeve 45, 10000 Zagreb, Republic of Croatia

Contact Person:

Zoran Barišić, Executive Secretary of the Department for Industry of the CCE

E-mail: zbarisic@hgk.hr

Croatian Employers' Association (CEA) - National Centre for Clusters

Acronym: CEA

Organisation title in local language: Hrvatska udruga poslodavaca

Organisation type: Association

The Croatian Employers' Association is an independent, voluntary association of private entrepreneurs and employers founded during the period of Croatian transition to market economy in 1993. The CEA's mission is to improve entrepreneurial and investment climate in order to strengthen Croatian economy competitiveness. In the process of strengthening Croatian economy competitiveness CEA proactively works with the trade unions and the Government. CEA represents its members' interests in many international organizations such as: Union des Industries de la Communauté européenne (UNICE), International Employers' Organizations (IOE) and International Labour Organization (ILO). It also successfully cooperates with employers' organizations from other European countries. In addition, CEA provides support to newly-founded employers' organizations in the South Eastern Europe.

One of the strategic projects of 2007 CEAs' activities is the creation of National Centre for Clusters. The project objective is to create material, organizational and intellectual conditions and prerequisites for more dynamic growth of industry and industry related activities. The main goal of the clusterization project is to increase exports' revenues of companies in the region/industry, reduce costs per product unit in the region/industry, preserve open and create new jobs in the region/industry, increase the number of developed and adopted new products of high added value in the region/industry and increase by 20% the share of domestic product in the final exported product.

The CEA National Centre for Clusters is one of the partners in the CEE-ClusterNetwork - Central & Eastern European Cluster and Network Area project. The FP6 project is oriented towards furthering trans-regional cooperation in creation and maintenance of clusters in Central and Eastern Europe.

Contact

Website: www.hup.hr/homehr.aspx

E-mail: hup@hup.hr

Phone: +385 1 4897 555

Fax: +385 1 4897 556

Address: Ulica Pavla Hatza 12, 10 000 Zagreb, Republic of Croatia

Contact Persons:

Vladimir Kovačević, Director

E-mail: vladimir.kovacevic@hup.hr

Croatian Financial Agency (FINA)

Acronym: FINA

Organisation title in local language: Financijska agencija

Organisation type: Agency/Fund

The Financial Agency (FINA) is the leading Croatian company in the sphere of financial mediation. The national coverage, the information technology system tested in the most demanding operations of national importance, and high professional level of expert teams, are the major advantages of FINA. The Agency is owned by the State, but operates exclusively on the market principle. FINA successfully does business with Croatian commercial banks, the Croatian National Bank, numerous business systems, and other entities in the business environment.

Contact

Website: www.fina.hr

E-mail: info@fina.hr

Phone: + 385 1 6127 111

Address: Vrtni put 3, 10 000 Zagreb, Republic of Croatia

Entrepreneurial centres

Entrepreneurial centre Samobor d.o.o.

Website: www.pcsamobor.hr

Email: pcsinfo@pcsamobor.hr

Phone: +385 1 3336 830

Fax: +385 1 3336 832

Address: Đ. Basaričeka 4, 10432 Bregana, Republic of Croatia

Contact Person:

Željko Radovanić, Director

VG Entrepreneurial centre

Website: www.poduzetnicki-centar.hr

Email: info@poduzetnicki-centar.hr

Phone: +385 1 626 2800

Fax: +385 1 626 2803

Address: Zagrebačka 6, 10410 Velika Gorica, Republic of Croatia

Contact Person:

Dario Kaurić, Director

E-mail: kauric@poduzetnicki-centar.hr

Entrepreneurial centre "ROSA"

Website: www.portal-rosa.org

Phone: +385 1 6262 404; +385 1 6262 388

Fax: +385 1 6262 623
Address: J. Pavičića 25, 10410 Velika Gorica, Republic of Croatia

Contact Person:

Slavica Kušić, Coordinator
Email: slavica@portal-rosa.org

Entrepreneurial centre Ludbreg.

Website: www.lupoc.hr
Email: lpc@vz.t-com.hr
Phone: +385 42 810 213
Fax: +385 42 306 215
Address: Trg slobode 6, 42230 Ludbreg, Republic of Croatia

Contact Person:

Vladimir Čurila, Director

Entrepreneurial centre , Varaždin

Website: www.pc-varazdin.hr
Phone: +385 42 300 086
Fax: +385 42 300 086
Address: Preradovićeveva 17/I, 42000 Varaždin, Republic of Croatia

Contact Person:

Ivana Čurila, Director
Email: ivana@lupoc.hr

Entrepreneurial centre Sinj d.o.o.

Website: www.pcsinj.hr
Email: pcsinjab@net.hr
Phone: +385 21 824 453
Fax: +385 21 660 378
Address: Vrlička 40, 21230 Sinj, Republic of Croatia

Contact Person:

Ana Barać, Director

Biotechnicon entrepreneurial centre

Website: www.biotechnicon.hr
Email: marusic@biotechnicon.hr
Phone: +385 21 485 461
Fax: +385 21 348 871
Address: Hrvatskih iseljenika 30, 21000 Split, Republic of Croatia

Contact Person:

Ana Marušić Lisac, Director
E-mail: marusic@biotechnicon.hr

SANEX - SPLIT d.o.o.

Website: www.poduzetnistvo.hr; www.malipoduzetnik.hr

Phone: +385 21 453 590; +385 91 453 5901
Fax: +385 21 459 766
Address: R. Boškovića 21, 21000 Split, Republic of Croatia

Contact Person:

Aiša Milović, Director
Email: a.milovic@globalnet.hr

Entrepreneurial centre Doxtus, Public d.o.o.

Website: www.doxtus.com.hr
Phone: +385 21 312 294; +385 91 539 5933
Fax: +385 21 312 294
Address: R. Boškovića 7, 21000 Split, Republic of Croatia

Contact Person:

Mila Jazbinšek, Director
Email: mila@doxtus.com.hr

Stimulating regional institutions of small businesses - PRIMA

Website: www.poduzetnistvo.hr ; www.malipoduzetnik.hr
Phone: +385 91 453 590; +385 91 453 5901
Fax: +385 21 459 766
Address: R. Boškovića 21, 21000 Split, Republic of Croatia

Contact Person:

Aiša Milović, Director
Email: a.milovic@globalnet.hr

CEPOS - Center for Promotion of Entrepreneurship and Crafts Split

Website: www.cepos.hr
E-mail: info@cepos.hr
Phone: +385 21 323 051; +385 98 464 184
Fax: +385 21 323 052
Address: Kralja Zvonimira 14/XI, 21000 Split, Republic of Croatia

Contact Person:

Žana Čagalj, Director
Email: direktor@cepos.hr

Centre for Entrepreneurship Development of Novska

Website: www.pc-novska.hr
Phone: +385 44 608 652; +385 44 608 653
Fax: +385 44 608 651
Email: kontakt@pc-novska.hr
Address: Osječka 17, 44330 Novska, Republic of Croatia

Contact Person:

Mara Ljubičić, Director
E-mail: mljubicic@pc-novska.hr

Entrepreneurial centre Vinodol d.o.o.

Website: www.pc-vinodol.com

Email: poduzetnicki.centar.vinodol@ri.t-com.hr

Phone: +385 51 791 101; +385 98 430 917

Fax: +385 51 791 047

Address: Kralja Tomislava 6, 51250 Novi Vinodolski, Republic of Croatia

Contact Person:

Ivica Jerčinović, Director

Entrepreneurial centre Pakrac d.o.o.

Website: www.pc-pakrac.hr

Phone: +385 34 290 650; +385 98 438 454

Fax: +385 34 290 659

Address: Zona male privrede 5, 34550 Pakrac, Republic of Croatia

Contact Person:

Vida Iličić, Director

Email: pcp@pc-pakrac.biz

New possibilities, ltd.

Website: www.novemogucnosti.com

Email: info@novemogucnosti.com

Phone: +385 34 474 026

Fax: +385 34 474 106

Address: Ul. Braće Radića 2, 34550 Pakrac, Republic of Croatia

Contact Person:

Tomislav Lneniček, Procurator

Entrepreneurial centre Pleternica d.o.o.

Website: www.pleternica.hr ; www.pcentar.pleternica.hr

Phone: +385 34 251 046

Fax: +385 34 311 049

Address: I. Šveara 2, 34310 Pleternica, Republic of Croatia

Contact Person:

Dijana Ferković, Director

Email: dijana.ferkovic@pleternica.hr

Entrepreneurial centre Beli Manastir d.o.o.

Website: www.pcbm.hr

Email: info@pcbm.hr

Phone: +385 31 710 211; +385 91 9737 405

Fax: +385 31710 222

Address: Kralja Tomislava 53, 31300 Beli Manastir, Republic of Croatia

Contact Person:

Laura Blagos, Director

Entrepreneurial centre Belišće

Website: www.belisce.net/poduzetnici

Email: poduzetnicki.centar.belisce@os.t-com.hr

Phone: +385 31 665 255

Fax: +385 31 665 254

Address: Vijenac S. H. Gutmanna 1, 31551 Belišće, Republic of Croatia

Contact Person:

Sanja Majstorović Stanić, Assistant

Entrepreneurial and development centre Erdut , Ltd.

Website: www.opcina-erdut.hr

Email: porc@opcina-erdut.hr

Phone: +385 31 590 111

Fax: +385 31 590 150

Address: Bana J. Jelačića 4, 31226 Dalj, Republic of Croatia

Contact Person:

Bojana Orsić, Coordinator

Entrepreneurial centre Osijek

Website: www.poduzetnistvo.org/centar

Email: info@poduzetnistvo.org ; cfe@os.t-com.hr

Phone: +385 31 283 820

Fax: +385 31 283 623

Address: Šetalište kardinala F. Šepera 13/2, 31000 Osijek, Republic of Croatia

Contact Person:

Darija Krstić, Leader

Cooperative Venture Network - Centre for the Promotion and Development of Entrepreneurship

Website: www.zpm.hr Address: Dunavska 22, 31000 Osijek, Republic of Croatia

Email: zpm@zpm.hr

Phone: +385 31 273 155; +385 91 273 1555

Fax: +385 31 275 655

Contact Person:

Sandra Dominić, Director

E-mail: sandra@zpm.hr

Entrepreneurial centre Valpovo

Website: www.valpoc.hr

Email: kontakt@valpoc.hr

Phone: +385 31 651 411; +385 98 282 421

Fax: +385 31 654 411

Address: Kralja P. Krešimira IV. 2, 31550 Valpovo, Republic of Croatia

Contact Person:

Ivana Bagarić, Director

Entrepreneurial centre Križevci

Website: www.kpc.hr

Email: info@kpc.hr

Phone: +385 48 270 246

Fax: +385 48 682 575

Address: I. Z. Dijankovečkog 12, 48260 Križevci, Republic of Croatia

Contact Person:

Kristina Vrhovec-Žohar, Director

Entrepreneurial and technological centre Ogulin

Website: www.genije.hr

Email: ptic@genije.hr

Phone: +385 47 531 662

Fax: +385 47 811 385

Address: B. Frankopana 8, 47300 Ogulin, Republic of Croatia

Contact Person:

Ivica Božičević, Director

Pula centre for entrepreneurship

Website: www.pcp.hr

Email: pcp.gradpula@gmail.com

Phone: +385 52 522 117; +385 99 330 3202

Fax: +385 52 522 119

Address: Mletačka 12, 52100 Pula, Republic of Croatia

Contact Person:

Maja Šarić, Assitant

Entrepreneurial centre Zagreb d.o.o.

Website: www.czp.hr

Email: centar@post.t-com.hr

Phone: +385 1 3698 715

Fax: +385 1 3667 160

Address: Vukotinovićeveva 7, 10000 Zagreb, Republic of Croatia

Contact Person:

Željko Kovač, Director

Entrepreneurial centre Dubrovnik

Website: www.dcp.hr

Email: dcp@dcp.hr

Phone: +385 20 418 401

Fax: +385 20 418 401
Address: I. Vojnovića 31, 20000 Dubrovnik, Republic of Croatia

Contact Person:
Marija Previšić, Director

Entrepreneurial centre Opuzen

Website: www.tz-opuzen.hr/
Email: opuzen@opuzen.hr
Phone: +385 20 671 651
Fax: +385 20 671 645
Address: Zrinsko Frakopanska 1, 20355 Opuzen, Republic of Croatia

Contact Person:
Nenad Butigan, Leader

Impuls Entrepreneurial centre Bjelovar

Website: www.impulscentar.com
Phone: +385 43 221 188
Fax: +385 43 221 190
Address: P. Preradovića 9/I, 43000 Bjelovar, Republic of Croatia

Contact Person:
Zlatko Šklempe, Director
Email: sklempe@yahoo.com

Business park Bjelovar d.o.o.

Website: www.poslovni-park.hr
Email: bjelovar@poslovni-park.hr
Address: Trg E. Kvaternika 6, 43000 Bjelovar, Republic of Croatia
Phone: +385 43 221 590
Fax: +385 43 221 588

Contact Person:
Adela Zobundžija, Director
E-mail: adela@poslovni-park.hr

Business park Velika Pisanica.

Website: www.velika-pisanica.hr
Phone: +385 43 883 168
Fax: +385 43 883 180
Email: poduzetnicki.park.velika.pisanica@bj.t-com.hr
Address: Logorska ulica 4, 43271 Velika Pisanica, Republic of Croatia

Contact Person:
Mladen Savić, Director

Entrepreneurial zones in Croatia

Entrepreneurial zones in Croatia present an important infrastructure which aims to encourage the SME development, primarily by providing fully equipped office spaces.

With the development of entrepreneurial zones, the local governments encourage regional development in Croatia and foster employment.

The project for setting up the entrepreneurial zones was made for the period 2004-2008. At this point of time, there are 138 entrepreneurial zones in Croatia.

In this program, the development of enterprise zones sets up the following general objectives:

- Development of enterprise zones is needed in the vicinity of any major settlement;
- Focus zone on the production and manufacturing;
- An integral part of the zone is a center for training and providing necessary advice to entrepreneurs about the financing, production and necessary way of doing business.

Free enterprise zones

A free zone is part of Croatian territory, which is particularly marked and fenced off. The main reason for establishing free enterprises is to create institutional incentives with the aim to encourage investors; to develop and carry out their economic activities (manufacturing and/or services). Thus, the free zones facilitate internationalization of business activities in Croatia. Business entities with strong inclination towards enhancing their business activities in the international markets and foreign firms which are looking for solid infrastructure aimed at facilitating their activities in the national and/or regional (the Western Balkan) market are the main beneficiaries of the free zones in Croatia.

Banking and other financial affairs, property insurance and reinsurance activities can be performed within the zone only in relation to the performance of entrepreneurs' core activities.

The user of the zone is free to conduct all forms of trade and mediation in trade with foreign countries and such activities do not apply to restrictions in the laws governing foreign trade and foreign exchange operations

There are 13 free zones in Croatia, as follows:

1. Krapinsko-zagorska free zone
2. Podunavska free zone Vukovar
3. Free zone Đuro Đaković – Slavonski Brod
4. Free zone Kukuljanovo
5. Free zone Osijek
6. Free zone of the port Ploče
7. Free zone of the port Pula

8. Free zone of the port Rijeka
9. Free zone of the port Split
10. Free zone Ribnik
11. Free zone Splitsko-dalmatinska
12. Free zone Varaždin
13. Free zone Zagreb

National Council for Competitiveness (NCC)

Acronym: NCC

Organisation title in local language: Nacionalno vijeće za konkurentnost

Organisation type: Other

The National Competitiveness Council was founded at the beginning of 2002 as the initiative of the private business sector and the Croatian Employers' Association. Its formation was supported by a decision of the Government of the Republic of Croatia.

The Council is now the highest forum, in which representatives of the Government and business community regularly meet to discuss the main challenges faced by the country's economy and propose ways to increase the competitiveness of the business sector.

The aim of the Council is continuous promotion and stimulation of growth of the competitiveness and productivity of the Croatian economy, which will, in the long-run, result in continuous sustainable growth of living standards in Croatia. The Council achieves this by supporting development policies, laws and other socially important processes that have an impact on creating and raising the competitiveness of the Croatian economy.

Contact

Website: www.konkurentnost.hr/Default.aspx

Phone: +385 1 6304 853

Fax: +385 1 6304 856

Address: Šoštarićeva 2, 10000 Zagreb, Republic of Croatia

Contact Person:

Mira Lenardić, General Secretary

E-mail: mira.lenardic@hup.hr

National Science Council (NSC)

Acronym: NSC

Organisation title in local language: Nacionalno vijeće za znanost

Organisation type: Other

The National Science Council (NSC) is a strategic and advisory body for the development and quality control of the overall scientific activity in Croatia, including research projects at higher education institutions.

Among other tasks, it monitors and evaluates the quality of scientific organisations, proposes the budget for scientific activities and organises the evaluation of scientific projects and programmes.

For the purposes of evaluation of the project proposal and related budget allocation, the NSC appoints six scientific field councils, classified by scientific area, for natural, technical, biomedical, bio-technical, social science and the humanities. In the evaluation process, the councils rely upon the recommendations of assessment groups and area councils.

The NCS submits, in coordination with the NCHE, annual proposals on the allocation of budget resources for science and higher education to the Croatian government. To assist this particular task of the Councils, the common Science and Higher Education Funding Council (SHEFC) was established on May 25, 2005 to provide the councils with expertise and professional assistance on budget planning and expenditures.

In October 2005, the National Science Council adopted a new S&T policy document setting out short-term and long-term priorities, which are listed below:

- Short-term priorities (2006 - 2008) include: Environment, Health, Energy and materials and Croatian identity.
- Long-term priorities for years 2006 – 2010 are: Knowledge-driven basic research; Environmental protection and economic development of the Karst regions, Adriatic coast, sea and islands; Agriculture, biotechnology and food; Health; Information and communication technologies; Nanoscience, new materials, construction and new production processes; Energy, sources of alternative and renewable energy, transport, and security; Social and human sciences and Croatian identity; Social integration, learning and education, lifelong learning.

Contact

Website: www.nvz.hr

E-mail: ured@mzos.hr

Phone: + 385 1 459 4444

Address: Donje Svetice 38, HR-10000 Zagreb, Republic of Croatia

Contact Person:

Krešimir Pavelić, President

Regional Development Agencies in Croatia

Acronym: ARR

Organisation title in local language: Razvojne Agencije u RH

Organisation type: Agency/Fund

The purpose of development agencies is to promote the economic development of the region in accordance with the adopted plans and strategies and to coordinate the

plans and strategies of regional development policies to be taken at national level and their implementation at lower levels.

1. Agency for development of Osijek-Baranja county
2. AZRA – Agency for the development of the Varaždin County
3. Istrian development Agency - IDA
4. Regional development agency PORIN
5. Regional development agency Međimurje, REDEA
6. Development agency North – DAN
7. Regional development agency of Zagreb county
8. Development agency of Zagorje - ZARA
9. Local development agency of Brod-Posavina county
10. DUNEA – Dubrovnik development agency
11. LEDA Vukovar-Srijem Development agency
12. LEDA, Okučani – Agency for local developmentj
13. Development agency of Koprivnica-Krizevci county
14. Development agency of the city of Čakovec -ČAKRA
15. Development agency of Virovitica-Podravina county, Ltd
16. Development agency of Zadar county, Ltd.
17. Regional development agency Vallis Aurea
18. Regional development agency Slavonija i Baranja
19. Regional development agency of Šibenink-Knin county
20. Regional development agency of Sisak-Moslavina county -SIMORA
21. Regional development agency of Bjelovar-Bilogora county
22. Agency for development of Split-Dalmatia county

5 List of References

DG Enterprise & Industry, Glossary, Available from URL:

http://ec.europa.eu/enterprise/policies/innovation/glossary/index_en.htm (accessed 15.03.2011).

European Commission (2008). The concept of clusters and cluster policies and their role for competitiveness and innovation: Main statistical results and lessons learned, Commission Staff Working Document SEC(2008) 2637, URL:

http://ec.europa.eu/enterprise/policies/innovation/files/clusters-working-document-sec-2008-2635_en.pdf (accessed 09.03.2011).

Frauscher, Kathrin / Bulat, Camelia (2009). The power of business advocacy and ICT reforms, Business & Development Discussion Papers, No.10, Winter 2009, World Bank Institute, URL:

<http://siteresources.worldbank.org/CGCSRLP/Resources/powerofbusinessadvocacy.pdf> (accessed 09.03.2011).

Freeman, Christopher (1987). Technology Policy and Economic Performance: Lessons from Japan, Pinter, London.

MELE (2011), Operational plan for encouraging small and medium entrepreneurship in 2011, The Ministry of Economy, Labour and Entrepreneurship, February, 2011, Zagreb.

Polenakovik, R. and R. Pinto (2007). The National Innovation System and its Relation to Small Enterprises - the Case of the FYR of Macedonia.

Švarc, J. (2004). Innovation policy in Croatia: the first 10 years, Proceedings of the 65th Anniversary Conference of the Institute of Economics, Institute of Economics, Zagreb, November 18-19, 2004, pp. 379-402

World Bank (2010). Innovation

6 List of Acronyms

ACH - Automotive Cluster of Croatia
All - Adriatic-Ionian Initiative
ASHE - Agency for Science and Higher Education
BAS - Business Advisory Service Programme
BICRO - Business Innovation Centre of Croatia
BSC - Business Start-Up Centre
CARDS - Community Assistance for Reconstruction, Development and Stabilisation
CCE - Croatian Chamber of Economy
CCM - Chamber of Commerce of Montenegro
CEA - Croatian Employers' Association
CEI - Central European Initiative
CEPOR - Centre for SME and Entrepreneurship Policy
CIP - Competitiveness and Innovation Framework Programme
CTT - Centre for Technology Transfer
DDSME - Directorate for Development of Small and Medium-sized Enterprises
EBRD - European Bank for Reconstruction and Development
EC - European Commission
EFB - European Fund for the Balkans
EIB - European Investment Bank
EU - European Union
FINA - Croatian Financial Agency
FP7 - 7th Framework Programme for Research and Technological Development
GIZ - Deutsche Gesellschaft für International Zusammenarbeit
GTZ - Deutsche Gesellschaft für Technische Zusammenarbeit
HAMAG - Croatian Agency for SMEs
HBOR - Croatian Bank for Reconstruction and Development
HIT - Croatian Institute of Technology
ICT - Information and Communications Technologies
IDF - Investment and Development Fund
IEE - Intelligent Energy Europe Programme

IPA - Instrument for Pre-Accession Assistance
IRCro - Research and Development Programme
ISPA - Pre-Accession Structural Instrument
IT - Information Technology
KEP – Know-how Exchange Programme (CEI)
KonCro - Competitiveness Upgrading Programme
MARIBIC - Business and innovation centre for mariculture
MELE - Ministry of Economy, Labour and Entrepreneurship
MNC - Multi-national companies
MSES - Ministry of Science, Education and Sports
MSMEs - Micro, Small and Medium Size Enterprises
NCC - National Council for Competitiveness
NGO - Non-governmental Organisation
NSC National Science Council
NZZ - National Foundation for Science, Higher Education and Technological
Development RAZUM - Development of Knowledge-Based Enterprises
OECD - Organisation for Economic Cooperation and Development
PHARE - Poland and Hungary: Assistance for Restructuring their Economies
(PHARE) programme
PoC - Proof of concept
RTD - Research and Technological Development
S&T - Science and Technology
SAPARD - Special Accession Programme for Agriculture and Rural Development
SMEs - Small and Medium Size Enterprises
STeP Ri -Science and Technology park Rijeka
TCS - Technology Centre Split
TehCro - Technology Infrastructure Development Programme
TERA - Technology Development Centre Osijek Ltd.
TEST - Technology-Related Research and Development Programme
TIC - Technology Innovation Centre Rijeka
TIC - Technology/Innovation Centre
TIPA - Trade and Investment Promotion Agency
USAID - United States Agency for International Development

VenCro - Venture Capital Programme

WB - Western Balkans

WBIF - Western Balkans Investment Framework

WTO - World Trade Organisation

7 List of Authors and Contributors

We would like to acknowledge the input of all contributing persons and organisations who kindly accepted to provide us with necessary feedback.

We made a huge effort to include the names of all contributing parties. If, for any reason, you are a contributor and you do not find your name in the list, please send us a short notification e-mail to office@wbc-inco.net. We aim to keep the updated version of the reports online on the homepage WBC-INCO.NET, where we can make necessary adjustments.

Contributing persons and organisations are listed in alphabetical order.

Zoran Aralica, Institute of Economics, Zagreb (Croatia)

Elke Dall, Centre for Social Innovation, Vienna (Austria)

Dirk Johann, Centre for Social Innovation, Vienna (Austria)

Christina Miariti, South-East European Research Centre (Greece)

Anna Maria Schober, Centre for Social Innovation, Vienna (Austria)

Jadranka Švarc, Institute of Social Sciences Ivo Pilar, Zagreb (Croatia)

Gabriela Thomasova, Centre for Social Innovation, Vienna (Austria)



Report was published
in the frame of an FP7 funded project
WBC-INCO.NET

Web: <http://www.wbc-inco.net>



Report published by:

Centre for Social Innovation (ZSI)
Linke Wienzeile 246
1150 Wien, Austria

Web: <http://www.zsi.at>