



REPUBLIC OF CROATIA
GOVERNMENT OF THE REPUBLIC OF CROATIA

**Implementation Programme
of the Strategy for Broadband Development
in the Republic of Croatia
for 2012 – 2013**



Zagreb, October 2011

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INTRODUCTION

The Government of the Republic of Croatia adopts the Strategy for Broadband Development in the Republic of Croatia for 2012 – 2015 (hereinafter: the Strategy) by which it committed itself to a balanced and straightforward policy for the development of broadband access infrastructure and broadband services, which will be consistently implemented by competent institutions (state administration bodies and other public bodies and all other participants in the implementation of this policy) under their competence.

Since development of broadband access to information society services, in particular Internet, is an area which demands active participation of all levels of society, the Government of the Republic of Croatia adopts this Implementation Programme to establish areas of activity and clear benchmarks and obligations of activities of state administration bodies with a view to achieving the strategic objectives and to adopt recommendations for activities of all institutions which are not participating in the executive branch of government..

The Implementation Programme of the Strategy for Broadband Development in the Republic of Croatia for 2012 – 2013 (hereinafter: the Implementation Programme) defines activities, responsible authorities and dynamics of realisation of the Strategy and the Implementation Programme, the manner of cooperation between competent state administration bodies and units of local and regional self-government, economic entities, non-governmental and international organisations. The Implementation Programme refers to a period of two years and contains a detailed list of activities for the period from early 2012 until the end of 2013. At the end of this period, the list of implemented activities will be revised and new activities proposed that will permit the achievement of strategic objectives in the entire period of implementation of the Strategy until 2015.

Units of local and regional self-government are invited to plan projects in their development documents, and, in particular in county development strategies and plans of development programmes, in accordance with the priority from the Regional Development Strategy which refers to development and improvement of IT and electronic communications infrastructure, or, in other words, to plan broadband access needs and to align their development documents with the Broadband Development Strategy in the Republic of Croatia for 2012 – 2015 and this Implementation Programme. Competent bodies in accordance with this Strategy and the Implementation Programme will provide advice and support to units of local and regional self-government in the preparation of development documents.

The Government of the Republic of Croatia has, by adopting this Strategy, imposed an obligation on all competent state administration bodies to align their sectoral policies, strategies and programmes, in particular those containing benchmarks for national and regional development or those referring to development of public services, with objectives of this Strategy in order to improve coordination of development of infrastructure and broadband access services, and to ensure investments, not only from financial plans of bodies competent for information society or electronic communications development, but also from funds intended for rural or regional development, education, science, entrepreneurship and other economic branches.

The supervision and implementation of this Implementation Programme are carried out in accordance with the procedure established for supervising the implementation of this Strategy, in the following manner:

- 1) through the Commission for the Monitoring and Supervision of Implementation of the Strategy and Implementation Programme (hereinafter: the Commission) established with the

Ministry of the Sea, Transport and Infrastructure. The Commission is chaired by a representative from the Ministry of the Sea, Transport and Infrastructure, and Commission members are representatives of responsible authorities for individual measures – competent state administration bodies and other public bodies. In accordance with the Decision on the amount of the remuneration for members of committees, councils, working groups and other similar bodies, members of Commissions from central state administration bodies may not be remunerated for their work in the Commission. Bodies responsible for the implementation of individual measures have to submit to the Commission semi-annual reports on the implementation of measures and activities from their competence,

- 2) as part of the annual reporting on the implementation of the Strategy – the Ministry of the Sea, Transport and Infrastructure prepares, on the basis of the delivered reports and information provided by all competent state administration bodies and other public bodies (responsible authorities for the implementation of individual measures), an annual report on the implementation of the Strategy which is delivered to the Government of the Republic of Croatia for adoption, within three months from the expiry of the period covered by the Implementation Programme for the Strategy.

1 STARTING POINT OF THE IMPLEMENTATION PROGRAMME

The starting point of this Implementation Programme is the analysis of strengths, weaknesses, opportunities and threats carried out for the purpose of definition of the Strategy's specific objectives:

- ensuring effective competition,
- ensuring availability of broadband access,
- encouraging demand for broadband services and use of broadband access by citizens and business entities.

The Analysis of strengths, weaknesses, opportunities and threats (the so-called SWOT analysis) is carried out as a basis for establishing a list of individual and continuous measures and activities aimed at the achievement of the strategic objectives:

STRENGTHS	WEAKNESSES
<ul style="list-style-type: none"> ➤ strategic commitment of the state towards effective competition, minimum but efficient regulation and building of information society ➤ leading position of the Republic of Croatia in terms of development of broadband access compared to other South East European countries ➤ continuously increasing consumption of services and products based on broadband access ➤ completely digital national electronic communications network ➤ developed market of mobile electronic communications networks ➤ operators of electronic communications networks and services dedicate more attention to broadband access development 	<ul style="list-style-type: none"> ➤ households in the Republic of Croatia are poorly equipped with information and communication technologies ➤ excessive price of the service is an important reason why households do not have broadband access ➤ significant number of citizens never used information society services ➤ citizens insufficiently educated about computer technologies and information society services ➤ insufficient offer of packages of services and excessive price of broadband access compared to citizens' income ➤ insufficient investments into broadband access development ➤ insufficiently developed competition in broadband access

	<ul style="list-style-type: none"> ➤ currently there are no services in the Republic of Croatia requiring high access speed (above 20 Mbps) ➤ significant lagging behind the European Union and OECD average in penetration of broadband connections ➤ unequal broadband penetration per counties ➤ lack of business knowledge and skills of small and medium-sized enterprises for use and development of business models of electronic business ➤ insufficient number of locations with xDSL access and access to the unbundled local loop ➤ unsatisfactory application of new technologies increasing the availability of broadband access of the existing access network ➤ lack of interest and activity of local and regional self-government in investments into utilities infrastructure, which includes electronic communications infrastructure
OPPORTUNITIES	THREATS
<ul style="list-style-type: none"> ➤ the creation of favourable conditions for investments into fibre access infrastructure and development of fair competition ➤ the creation of favourable conditions for investments into wireless broadband access (LTE) ➤ the possibilities of use of wireless broadband access (UMTS, HSDPA, HSPA+, LTE) in rural and inaccessible areas ➤ more efficient sharing of electronic communications infrastructure ➤ the possibility for more significant inclusion of legal persons in the development of contents that will be provided over broadband access ➤ international cooperation and application of positive experiences of public administration and competent regulatory authorities of European Union Member States in the electronic communications sector ➤ introduction of e-contents into regular curriculum in Croatian schools ➤ possibility to obtain financing from European Union funds for the financing of projects for the development of broadband access infrastructure ➤ possibility for financing of technological projects for the development of new services based on broadband access ➤ development of e-commerce and business ➤ economic growth as a stimulus for the development of electronic communications services on the demand side ➤ drivers of development of information society services, that is, knowledge society 	<ul style="list-style-type: none"> ➤ reduced investments of operators of electronic communications networks and services into communications infrastructure ➤ less spending by citizens and legal persons for electronic communications services ➤ unbalanced broadband access development in individual Croatian regions due to lack of investors' economic interest ➤ inefficient and irrational investments into electronic communications infrastructure ➤ cyber-crime and other threats to security and contents of Internet communication ➤ lack of knowledge about computers, Internet and broadband access ➤ insufficient interest for broadband access in rural areas and underdeveloped parts of the country ➤ personal computers and broadband Internet access are not affordable for all households

2 COMPETENT BODIES

The competent bodies for the implementation of this Implementation Programme are the following:

- Ministry of the Sea, Transport and Infrastructure (MSTI) – central state administration body competent for electronic communications,
- Ministry of Regional Development, Forestry and Water Management (MRDFWM) – central state administration body competent for regional development,
- Ministry of Economy, Labour and Entrepreneurship (MELE) – central state administration body competent for the Regional Competitiveness Operational Programme, for information society services and for projects for small and medium-sized enterprises,
- Ministry of Science, Education and Sports (MSES) – central state administration body competent for the development of science and education system,
- Ministry of Environmental Protection, Physical Planning and Construction (MEPPPC) – central state administration body competent for physical planning and construction,
- Ministry of Culture (MC) – central state administration body competent for culture,
- Central State Administrative Office for e-Croatia (CSAOeC) – central state administration body competent for information society development,
- Central Office for Development Strategy and Coordination of EU Funds (CODEF) – central state administration body competent for the strategy for development of the Republic of Croatia and overall coordination of European Union funds,
- Croatian Post and Electronic Communications Agency (HAKOM) – national regulatory agency for electronic communications,
- Transmitters and Communications Ltd. (Oiv),
- Croatian Institute of Technology Ltd. (HIT),
- Business and Innovation Agency of the Republic of Croatia (BICRO),
- Croatian Academic and Research Network (CARNet),
- University Computing Centre (SRCE).

The above-mentioned competent bodies will be implementing this Implementation Programme in cooperation with other public bodies in the Republic of Croatia.

3 PRIORITIES AND FIELDS OF ACTIVITY

Priorities and fields of activity refer to regular activities concerning the regulation of the electronic communications market, and to activities that needed to be initiated in order to fulfil the strategic objectives and thus contribute to the development of the entire value chain (infrastructure, services, contents and user demand).

3.1. Regulation of the field of electronic communications

The Ministry of the Sea, Transport and Infrastructure prepares proposals for strategies, studies, guidelines, programmes and implementation plans, and in relation to their implementation aligns and supervises the work of all responsible authorities for individual measures and activities. The Ministry is responsible for the implementation of international treaties, agreements and conventions in the electronic communications and information society sectors. In the period

between 2012 and 2013, the Ministry of the Sea, Transport and Infrastructure will focus on the following as part of its regular activities:

- continuously following the evolution of legislation in the electronic communications sector in the European Union, with a special emphasis on legislation on broadband access and state aid;
- preparation of proposals for the alignment of provisions on the scope of universal services, depending on future development of the relevant regulatory framework of the European Union and results of market analysis;
- facilitating investments into electronic communications infrastructure by conducting, in cooperation with the Ministry of Environmental Protection, Physical Planning and Construction, the analysis of the existing legislation and other legislation in the area of physical planning, construction and utilities in order to identify obstacles to investments in the area of construction and development of electronic communications infrastructure and propose the necessary amendments to laws and other regulations.

The regulation of the electronic communications market is carried out by the Croatian Post and Electronic Communications Agency (HAKOM), a national regulatory agency, which, as an autonomous, independent and non-profit legal person with public authority, is responsible for its work to the Croatian Parliament.

The Government of the Republic of Croatia provides support to HAKOM in the implementation of its regular activities and HAKOM is expected to put an emphasis in its annual work programme, which is approved by the Government of the Republic of Croatia, on the implementation of this Strategy and its Implementation Programme.

In the period between 2012 and 2013, as part of its regular activities aimed at the achievement of the objectives of this Implementation Programme, HAKOM is proposed to pay special attention to the following activities:

- continuous monitoring and implementation of regulatory obligations imposed on operators with significant market power on the markets of wholesale network infrastructure access and wholesale broadband access in relation to fixed (wired) access network based on copper and fibre infrastructure (FTTx);
- carrying out of the second round of analyses of markets of wholesale network infrastructure access and wholesale broadband access;
- creating preconditions for further development of broadband access;
- monitoring and implementation of obligations arising from the Ordinance on technical requirements and conditions of use of optical distribution networks;
- aligning legislation on network neutrality in order to ensure complete transparency towards end users of services and to determine the minimum level of quality of service;
- monitoring the division of total broadband access capacity between Internet access and access to other information society services, such as access to managed services with guaranteed quality of service by analysing the division of total capacity of broadband access between Internet access and access to managed services with guaranteed quality of service, thus preventing the degradation of services through slowing down or restricting traffic.

3.2. Ensuring effective competition

MEASURE 1

- Ensuring access to data on the existing electronic communications infrastructure and available electronic communications capacities in the Republic of Croatia:

NO.	1.
PLANNED ACTIVITY	Analysis of the existing electronic communications infrastructure and broadband access network (at the regional level), and other available infrastructure which may be used for building broadband communications networks
COMPETENT AUTHORITY	HAKOM
IMPLEMENTATION DEADLINE	31 December 2013
EXPECTED OUTCOME	Ensured access to data about the existing electronic communications infrastructure and available electronic communications capacity in the Republic of Croatia
PERFORMANCE INDICATOR	Access to data in accordance with authorisations on websites
SOURCE OF FUNDS	HAKOM's Financial Plan
AMOUNT OF PLANNED FUNDS	HRK 2,717,000.00 in 2012 – HAKOM's funds HRK 967,000.00 in 2013 – HAKOM's funds

MEASURE 2

- Ensuring pre-conditions for RF spectrum allocation in the 790–862 MHz band (digital dividend) for broadband access on a technologically neutral basis:

NO.	2.
PLANNED ACTIVITY	Public consultation about possibilities for use of the RF spectrum in the 790–862 MHz band (digital dividend) for broadband access on a technologically neutral basis
COMPETENT AUTHORITY	HAKOM
IMPLEMENTATION DEADLINE	31 December 2012
EXPECTED OUTCOME	Public consultation conducted
PERFORMANCE INDICATOR	Public consultation results processed
SOURCE OF FUNDS	HAKOM's Financial Plan
AMOUNT OF PLANNED FUNDS	HRK 304,000.00 in 2012 – HAKOM's funds

3.3. Ensuring availability of broadband access

MEASURE 3

- Increasing availability and speed of broadband access over the existing copper access network in accordance with the analysis of the relevant market for wholesale network infrastructure access:

NO.	3.
PLANNED ACTIVITY	Preparing an analysis of availability and speed of broadband access of the existing copper access network
COMPETENT AUTHORITY	HAKOM
IMPLEMENTATION DEADLINE	30 June 2013
EXPECTED OUTCOME	Proposal of measures that will result in the increase of availability and speed of broadband access of the existing copper access network
PERFORMANCE INDICATOR	Number of applied measures in relation to the total number of proposed measures
SOURCE OF FUNDS	HAKOM's Financial Plan
AMOUNT OF PLANNED FUNDS	HRK 817,000.00 in 2012 – HAKOM's funds HRK 717,000.00 in 2013 – HAKOM's funds

MEASURE 4

- Building of multi-purpose and multi-user centres in the areas of special state concern, mountain and highland areas and on the islands:

NO.	4.
PLANNED ACTIVITY	Connecting schools, health care institutions, postal offices and local government offices to broadband Internet access
COMPETENT AUTHORITY	HAKOM
IMPLEMENTATION DEADLINE	31 December 2013
EXPECTED OUTCOME	Tenders for the allocation of support conducted and centres constructed
PERFORMANCE INDICATOR	The number of constructed centres in relation to the number of envisaged centres
SOURCE OF FUNDS	HAKOM's Financial Plan
AMOUNT OF PLANNED FUNDS	HRK 30,845,000.00 in 2012 – HAKOM's funds HRK 25,617,000.00 in 2013 – HAKOM's funds

MEASURE 5

- Preparation of financing models and incentive measures for investment in broadband access infrastructure:

NO.	5.
PLANNED ACTIVITY	Preparation of a study for the selection of the most favourable models of financing and incentive measures for investments into broadband access infrastructure depending on the availability of broadband access in a certain area
COMPETENT AUTHORITY	MSTI
IMPLEMENTATION DEADLINE	1 October 2012
EXPECTED OUTCOME	A study as a basis for the preparation of a programme of incentive measures for local and regional self-government units carried out and areas eligible for state aid for investments into broadband access defined
PERFORMANCE INDICATOR	Study completed
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 500,000.00 in 2012 – MSTI's funds

MEASURE 6

- Encouraging interest at the local and regional level in the increase of availability of broadband access infrastructure:

NO.	6.
PLANNED ACTIVITY	Informing interested subjects about possibilities for development of infrastructure and broadband access services
COMPETENT AUTHORITY	MSTI
IMPLEMENTATION DEADLINE	30 June 2013
EXPECTED OUTCOME	Information of bodies of local and regional self-government units conducted
PERFORMANCE INDICATOR	The number of interested subjects in relation to the number of local and regional self-government units with unavailable infrastructure
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 500,000.00 in 2012 – MSTI's funds HRK 2,200,000.00 in 2013 – MSTI's funds

MEASURE 7

- Encouraging the participation of bodies of local and regional self-government units in the establishment of a favourable environment for the development of broadband access infrastructure:

NO.	7.
PLANNED ACTIVITY	Preparation of training programmes for local and regional self-government for the drafting of development projects
COMPETENT AUTHORITY	MRDFWM
IMPLEMENTATION DEADLINE	30 June 2012
EXPECTED OUTCOME	Training programme for local and regional self-government prepared.
PERFORMANCE INDICATOR	The number of local and regional self-government units that applied for using the programme compared to the number of units with unavailable infrastructure
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	Funds are ensured in the State Budget of the Republic of Croatia under funds for MRDFWM's regular activities

MEASURE 8

- Incorporating the design and financing of projects for the development of broadband access infrastructure into projects for the building of transport and utilities infrastructure at the local and regional level:

NO.	8.
PLANNED ACTIVITY	Preparation of proposals for amendments to regulations for local and regional self-government units for the purpose of combining works on the building of transport and utilities infrastructure and building of broadband access infrastructure, which has been planned in physical planning documents in a manner that does not restrict its development

COMPETENT AUTHORITY	MEPPPC in cooperation with MSTI and MRDFWM
IMPLEMENTATION DEADLINE	31 December 2012
EXPECTED OUTCOME	Information of bodies of local and regional self-government units conducted
PERFORMANCE INDICATOR	The number of local and regional self-government units which have accepted the proposal
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	Funds are ensured in the State Budget of the Republic of Croatia under funds for MEPPPC's regular activities

MEASURE 9

- Encouraging the development of broadband access infrastructure in areas lacking sufficient commercial interest for such investment:

NO.	9.
PLANNED ACTIVITY	Preparing a programme of incentive measures for investing into broadband access infrastructure in areas lacking sufficient commercial interest for such investments
COMPETENT AUTHORITY	MSTI
IMPLEMENTATION DEADLINE	31 December 2012
EXPECTED OUTCOME	The programme of incentive measures prepared on the basis of the study referred to in Measure 5, with proposals for financing adjusted to individual regions depending on their level of broadband access development
PERFORMANCE INDICATOR	The number of local and regional self-government units which have accepted/are implementing programmes of incentive measures
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 700,000.00 in 2012 – MSTI's funds

MEASURE 10

- Connecting of public bodies to broadband access:

NO.	10.
PLANNED ACTIVITY	Preparing proposals for connecting public bodies to broadband access (academic institutions, educational institutions, health care institutions, locations of public bodies, etc.)
COMPETENT AUTHORITY	CSAOeC in cooperation with CARNet and SRCE
IMPLEMENTATION DEADLINE	31 December 2012
EXPECTED OUTCOME	Programme for connecting public bodies to broadband access prepared
PERFORMANCE INDICATOR	The amount of funds ensured for the implementation of the programme in relation to total funds necessary for connecting all public bodies
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 40,000.00 in 2012 – CSAOeC's funds

MEASURE 11

- Continuous monitoring of possible difficulties related to network neutrality, such as user complaints against blocking or slowing-down of speed of Internet access:

NO.	11.
PLANNED ACTIVITY	Development of a system for informing end-users about the service
COMPETENT AUTHORITY	HAKOM
IMPLEMENTATION DEADLINE	31 December 2012
EXPECTED OUTCOME	Information system developed
PERFORMANCE INDICATOR	System certification completed
SOURCE OF FUNDS	HAKOM's Financial Plan
AMOUNT OF PLANNED FUNDS	HRK 384,000.00 in 2012 – HAKOM's funds

MEASURE 12

- Providing the service of broadband Internet access at premises of public bodies:

NO.	12.
PLANNED ACTIVITY	Preparation of a proposal for a project for the procurement of terminal equipment (Internet kiosks, computers) and for enabling Internet access at premises of public bodies
COMPETENT AUTHORITY	CSAOeC
IMPLEMENTATION DEADLINE	31 December 2013
EXPECTED OUTCOME	Service of broadband Internet access provided at premises of public bodies
PERFORMANCE INDICATOR	The number of locations of public bodies where Internet access has been provided
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 40,000.00 in 2012 – CSAOeC's funds HRK 40,000.00 in 2013 – CSAOeC's funds

MEASURE 13

- Preparation for financing of broadband access infrastructure development from European Union funds:

NO.	13.
PLANNED ACTIVITY	Preparation of financing models for the construction of broadband communications network from European Union funds for areas with insufficient commercial interest for such investment
COMPETENT AUTHORITY	MRDFWM in cooperation with MSTI and MELE, with mediation of CODEF
IMPLEMENTATION DEADLINE	31 December 2013
EXPECTED OUTCOME	Incorporation of the model into operational programmes enabling the withdrawal of funds for the realisation of projects
PERFORMANCE INDICATOR	Funds approved in relation to total funds necessary for the achievement of coverage in accordance with strategic objectives
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	Funds are ensured in the State Budget of the Republic of Croatia under funds for MRDFWM's regular activities

3.4. Encouraging demand for broadband services and use of broadband access by citizens and business entities

MEASURE 14

- Ensuring additional sources of financing of technological projects for the development of new services based on broadband access:

NO.	14.
PLANNED ACTIVITY	Project and programmes for technological and research and development activities (TEST) Development of small and medium-sized companies based on knowledge (RAZUM)
COMPETENT AUTHORITY	MSES in cooperation with HIT Ltd. and BICRO
IMPLEMENTATION DEADLINE	Continuous
EXPECTED OUTCOME	Contracted technological projects
PERFORMANCE INDICATOR	Newly created intellectual property
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 17,055,879.00 in 2012 – MSES's funds HRK 18,060,763.00 in 2013 – MSES's funds

MEASURE 15

- Procurement of e-learning programme related to use of information society services and the Internet:

NO.	15.
PLANNED ACTIVITY	Procurement of e-learning programme related to use of information society services and the Internet
COMPETENT AUTHORITY	CSAOeC in cooperation with MSES and CARNet
IMPLEMENTATION DEADLINE	31 December 2013
EXPECTED OUTCOME	Publicly available programme
PERFORMANCE INDICATOR	Programme completed
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 40,000.00 in 2012 – CSAOeC's funds HRK 80,000.00 in 2013 – CSAOeC's funds

MEASURE 16

- Preparation and implementation of programmes in cooperation with the governmental and non-governmental sector aimed at educating citizens, entrepreneurs and public officials on personal data protection, copyright and related rights, intellectual property rights, electronic business and other areas related to further development of broadband access:

NO.	16.
PLANNED ACTIVITY	Preparation of educational contents
COMPETENT AUTHORITY	CSAOeC
IMPLEMENTATION DEADLINE	31 December 2013
EXPECTED OUTCOME	Publicly available educational and information contents on the "My Government" ("Moja uprava") portal
PERFORMANCE INDICATOR	The number of areas for which contents have been prepared
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 40,000.00 in 2012 – CSAOeC's funds HRK 40,000.00 in 2013 – CSAOeC's funds

MEASURE 17

- Preparation and implementation of programmes in cooperation with operators of Internet access services aimed at reducing the scope of illegal downloading of Internet contents (films, music, games, e-books, etc.)

NO.	17.
PLANNED ACTIVITY	Preparation of educational contents
COMPETENT AUTHORITY	CSAOeC in cooperation with SRCE
IMPLEMENTATION DEADLINE	31 December 2013
EXPECTED OUTCOME	Publicly available contents on the "My Government" ("Moja uprava") portal
PERFORMANCE INDICATOR	The number of operators of Internet access services involved in the implementation of the programme
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 40,000.00 in 2012 – CSAOeC's funds HRK 40,000.00 in 2013 – CSAOeC's funds

MEASURE 18

- Preparation and implementation of programmes encouraging the development of digital contents in the Croatian language:

NO.	18.
PLANNED ACTIVITY	Implementation of the programme for digitalisation of cultural heritage
COMPETENT AUTHORITY	MC
IMPLEMENTATION DEADLINE	Continuous
EXPECTED OUTCOME	Incorporation of the model into operational programmes enabling the withdrawal of funds for the realisation of projects
PERFORMANCE INDICATOR	Approved funds
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 700,000.00 in 2012 – MC's funds HRK 700,000.00 in 2013 – MC's funds

MEASURE 19

- Informing users of services on all possibilities for digital television development (including high-definition television, mobile multimedia services, etc.):

NO.	19.
PLANNED ACTIVITY	Operation of a call centre for the provision of information on all possibilities for development of digital television
COMPETENT AUTHORITY	MSTI in cooperation with OiV
IMPLEMENTATION DEADLINE	Continuous
EXPECTED OUTCOME	Users of services informed on all possibilities for development of digital television
PERFORMANCE INDICATOR	The number of calls made to the call centre
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 800,000.00 in 2012 – MSTI's funds HRK 800,000.00 in 2013 – MSTI's funds

MEASURE 20

- Establishing the IPv6 Forum the main task of which is to prepare a document on technical procedures and methods for migration towards IPv6 networks:

NO.	20.
PLANNED ACTIVITY	Preparation of a document on technical procedures and methods for migration towards IPv6 networks
COMPETENT AUTHORITY	HAKOM in cooperation with CSAOeC, CARNet and SRCE
IMPLEMENTATION DEADLINE	31 December 2013
EXPECTED OUTCOME	Completion of the document
PERFORMANCE INDICATOR	Published document
SOURCE OF FUNDS	HAKOM's Financial Plan
AMOUNT OF PLANNED FUNDS	HRK 227,000.00 in 2012 – HAKOM's funds HRK 327,000.00 in 2013 – HAKOM's funds

MEASURE 21

- Migration towards IPv6 networks in state administration bodies, the academic community and other public bodies:

NO.	21.
PLANNED ACTIVITY	Migration of state administration bodies, the academic community and other public bodies towards IPv6 protocol
COMPETENT AUTHORITY	CSAOeC in cooperation with CARNet and SRCE
IMPLEMENTATION DEADLINE	31 December 2013
EXPECTED OUTCOME	Migration of state administration bodies towards IPv6 protocol completed
PERFORMANCE INDICATOR	Application of IPv6 protocol in all state administration bodies, the academic community and other public bodies
SOURCE OF FUNDS	State Budget of the Republic of Croatia
AMOUNT OF PLANNED FUNDS	HRK 50,000.00 in 2012 – CSAOeC's funds HRK 50,000.00 in 2013 – CSAOeC's funds

4 FINANCIAL FRAMEWORK

Funds for measures and activities defined in this Implementation Programme should be available through various methods of financing.

4.1. State Budget of the Republic of Croatia

Financial Plans of individual central state administration bodies:

COMPETENT AUTHORITY	PROGRAMME IN THE 2012 – 2013 STATE BUDGET	PLAN 2012 (funds in HRK)	PLAN 2013 (funds in HRK)
MSTI	Preparation of a study for the selection of most favourable models of financing and incentive measures for investment into broadband access infrastructure depending on the availability of broadband access in a certain area	500,000.00	–
	Informing interested subjects about possibilities for development of infrastructure and broadband access services	500,000.00	2,200,000.00
	Preparing a programme of incentive measures for investing into broadband access infrastructure in areas lacking sufficient commercial interest for such investment	700,000.00	–
	Operation of a call centre for the provision of information on all possibilities for development of digital television	800,000.00	800,000.00
MSES – HIT Ltd.	Project and programmes for technological and research and development activities (TEST)	10,980,699.00	11,760,763.00
MSES – BICRO	Development of knowledge-based small and medium-sized companies (RAZUM)	6,075,180.00	6,300,000.00
MC	Implementation of the programme for digitalisation of cultural heritage	700,000.00	700,000.00
CSAOeC	Preparing proposals for connecting public bodies to broadband access (academic institutions, educational institutions, health care institutions, locations of public bodies, etc.)	40,000.00	–
	Preparation of a proposal for a project for the procurement of terminal equipment (Internet kiosks, computers) and for enabling Internet access at premises of public bodies	40,000.00	40,000.00
	Procurement of e-learning programme related to use of information society services and the Internet	40,000.00	80,000.00
	Preparation of educational contents (Measure 16)	40,000.00	40,000.00

CSAOeC	Preparation of educational contents (Measure 17)	40,000.00	40,000.00
	Migration of state administration bodies, the academic community and other public bodies towards IPv6 protocol	50,000.00	50,000.00
TOTAL		20,505,879.00	22,010,763.00

4.2. Other sources of national financing

HAKOM's Financial Plan:

COMPETENT AUTHORITY	PROGRAMME IN HAKOM'S 2012 – 2013 FINANCIAL PLAN	PLAN 2012 (funds in HRK)	PLAN 2013 (funds in HRK)
HAKOM	The analysis of the existing electronic communications infrastructure and broadband access network (at the regional level) and other available infrastructure which may be used for building broadband communications networks	2,717,000.00	967,000.00
	Public consultation about possibilities for use of the RF spectrum in the 790–862 MHz band (digital dividend) for broadband access on a technologically neutral basis	304,000.00	–
	Preparing an analysis of availability and speed of broadband access of the existing copper access network	817,000.00	717,000.00
	Connecting schools, health care institutions, postal offices and local government offices to broadband Internet access	30,845,000.00	25,617,000.00
	Continuous monitoring of possible difficulties related to network neutrality – development of an information system for informing end-users about the service	384,000.00	–
	Preparation of a document on technical procedures and methods for migration towards IPv6 networks	227,000.00	327,000.00
TOTAL		35,294,000.00	27,628,000.00

Financial plans of local and regional self-government units.

4.3. European Union funds

European Fund for Regional Development (ERDF) is one of the European Union structural funds. In 2007 – 2013 Financial Perspectives, ERDF was founded by Council Regulations No. 1083/2006 and 1080/2006. Its purpose is the strengthening of economic and social cohesion and reducing differences between regions within the European Union through the support to development and structural adjustments of regional economies, as well as support to cross-border, trans-national and interregional cooperation. It is mostly oriented towards investment into production with a view to creating jobs, infrastructural investment and local development and development of small and medium-sized enterprises. ERDF will be available to Croatia after accession to the European Union, for which it is being prepared through the IPA programme.

The preparation, management and implementation of the Regional Competitiveness Operational Programme in accordance with principles of sound financial management are under the competence of an Operational structure consisting of the following bodies:

- Ministry of Economy, Labour and Entrepreneurship – Directorate for the Regional Competitiveness Operational Programme – acting as a body competent for the Operational Programme;
- Ministry of Regional Development, Forestry and Water Management – as a body competent for Priority 1 – I Improvement of development potential for lagging behind regions, Measure 1.1. – Business-related infrastructure;
- Ministry of Economy, Labour and Entrepreneurship – Small and Medium Companies and Cooperatives Directorate and Economic Diplomacy, Export and Investment Directorate – acting as a body competent for Priority 2 – Enhancing the competitiveness of the Croatian economy, Measure 2.1. – Improvement of business climate;
- Ministry of Science, Education and Sports – Directorate for Science – acting as a body competent for Priority 2, Measure 2.2 – Technology transfer and support services for knowledge-based start-up companies.

4.4. Other sources of international financing

European Investment Bank (EIB).

European Bank for Reconstruction and Development (EBRD) – possibility for financing of infrastructure building at the local level.