2013 ANNUAL REPORT

access to knowledge

EKT

ΕΘΝΙΚΟ ΚΕΝΤΡΟ
ΤΕΚΜΗΡΙΩΣΗΣ

NATIONAL
DOCUMENTATION
CENTRE

NATIONAL DOCUMENTATION CENTRE | NHRF

2013 ANNUAL
REPORT

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prologue

2013 was a noteworthy year for our foundation EKT- the National Documentation Centre. The retirement of Evangelos Bouboukas, after a long and successful career as the Director of the organisation, marked the end of an era. At the same time, the maturation of a series of activities based on statistics for Research,Technology, Development & Innovation and the establishment of collaborations with organisations producing and disseminating reliable cultural content, as well as the redesign and expansion of Enterprise Europe Network - Hellas services, strengthened our already central role in the national knowledge ecosystem and extended our outward-looking approach to international value chains for a knowledge economy.

From the establishment of EKT, until his retirement in 2013, Mr. Evangelos Bouboukas, was its director and one of the longest-serving executives. He also served for a period as the vice-president of the National Hellenic Research Foundation's Board of Directors. He left behind a wealth of work carried out in the country in the areas of research and innovation. He, himself, was closely connected with EKT from the earliest stages of its creation. In 1983, he undertook the responsibility of handling the funding from the United Nations Development Programme [UNDP] for the creation of a National Documentation Centre in Greece, an original idea for the country at that time.

We express our thanks with the appreciation and respect which is due a public figure who not only introduced the concept of digital content but also established it in the public dialogue, while, at the same time, acting as a catalyst in the creation of one of the major institutions of digital knowledge in the country - EKT.

The Partnership Contract for the Common Strategic Framework [CSRF] 2014-2020. for which there was preparation in 2013, places the production of knowledge, innovation and the balance of sustainable growth at the centre of Greek programming, directly linking it with European and international priorities. We, EKT, are the central national infrastructure providing services and tools for supporting Research, Technology, Development and Innovation and our aim is to strengthen the quality and outward-looking approach of the whole of the Greek Research and Innovation ecosystem. Our activities and services are essential to the creation of prerequisites in order to move forward in accordance with European Strategy for 2020 and the national development programme for the period 2015-2021.

Within that framework, our organisation has participated in a series of consultations for the formation of the Digital Agenda 2020; national strategy for ICT; CSRF 2014-2020 in the research and cultural areas; the Community Directive and the new law for reuse of public sector information; regional Smart Specialisations Programmes; strategy for e-governance; the commitment of the country to open governance and, last but not least, the proposed law for research.

In our institutional role and in co-operation with the Hellenic Statistical Authority, we provide the statistics needed for policy-making in Research, Technology, Development & Innovation. At the same time, we actively participate in European Commission working groups, especially in developing open access and open data policies, and the reuse of data from the public sector. In addition, we are members of committees and expert groups of the Organisation for Economic Co-operation and Development (OECD) with regard to the revision of the Frascati Manual and the improvement of measurement and mapping methodology for Research, Development and Innovation; innovation and entrepreneurial policies; intellectual property rights policies and the reuse of knowledge capital for its integration into global value chains.

In 2013, we expanded our collaborations in the area of e-publishing, further strengthening our position as the largest Greek electronic publisher of scientific journals and open access monographs. Simultaneously, we proceeded with our collaborations with a large number or cultural bodies, archives and research centres. Our objective was to provide repository services using the Software as a Service model so as to improve the quality and reinforce the dissemination of Greek cultural content. As part of this service, a 'validation' service was set-up to aid users in verifying that they meet the required standards for the documentation of digital content and interoperability between different systems. In this way, users are enabled to contribute to value chains of openness (software, content, data, services).

We continued to contribute significantly to fostering the outward-looking approach of Greek businesses, universities and research organisations through the expansion of the activities of Enterprise Europe Network – Hellas; the provision of specialised services for technology transfer; and support for the protection, management and reuse of intellectual property.

Human resources, both in the form of personnel and collaborators, contributed to the accomplishment of goals and the development of the new services. Thus, once again, indicating how, with time, co-ordinated efforts can result in excellent results.

In a time when development and the demand for job creation is urgent, we, at EKT, are at the forefront of knowledge ecology, contributing significantly to the cycle of life of knowledge capital so that Greek businesses, academics and research centres can become integral to global information value chains.

Dr Evi Sachini | **Director**

strategy
&
vision
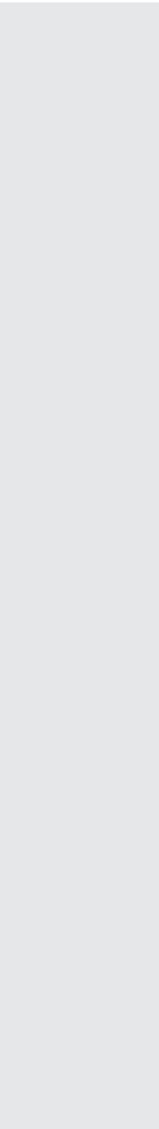
our vision

The three pillars which characterise our activities at EKT [the National Documentation Centre] are 'Knowledge – Excellence – Development'. Our aim is to support the virtuous cycle of knowledge, from the academic and cultural communities to the creative and innovative industries.

institutional role

At EKT, our mission is to collect, document, manage, disseminate and preserve quality digital content and data which are produced by the Greek scientific, research and cultural communities. Using ICT, a national e-infrastructure has been developed for access to reusable knowledge, the collecting of information on Research, Development and Innovation, as well as the transfer and reuse of knowledge so as to foster sustainable development.

policies

- **open access** to scientific and cultural data and publications
- reuse of content in compliance **with** legal rights
- formation **of a** common research area
- evidence-based policies
- **science** for the development of evidence-based policies regarding research and innovation adoption of 'Green Information' cutting-edge technology, open software
- **use** of research results
- strengthening of innovation **and** competitiveness of Greek businesses

aims

- dissemination of digital content to a variety of users [academics / researchers / entrepreneurs / educators / creative industry / policy makers]
- improvement of academic and cultural communication using up-to-date means
- support of researchers
- improvement of competitiveness in the public and private sectors
- facilitating lifelong-learning
- publication of trustworthy statistics & indicators which aid the implementation of evidence-based policies
- long-term preservation of digital content
- digital dissemination of cultural heritage

strategy

We focus on the collection, documentation, aggregation and long-term preservation of quality digital content and data produced by Greek scientific, research and cultural communities. The aim is not only to make this content accessible and reusable, through value-added services, but also to use it for the improvement of academic and cultural communication, the support of research, the enhancement of competitiveness in the public and private sector, as well as life-long learning and the publication of indicators which facilitate the implementation of evidence-based policies.

basic axes

Our strategic priorities are based on 3 basic axes: Content – Metrics – Knowledge Transfer

a

Providing access and improving the quantity and quality of reliable digital content, as well as the reuse of reliable knowledge in development initiatives for research, the economy, education and culture.

EKT

b

Collecting statistics and producing indicators for research, technology, development and innovation in Greece so as to make them available to international organisations and to support the generating of evidence-based policies.

c

Fostering innovation **and sustainable** development by supporting Greek entrepreneurship, especially the knowledge-intensive creative industries, as well as their interconnection with research and innovation, through knowledge transfer activities.

a

e-Content

Our two main goals are, firstly, to cover the need for information, content and data within the scientific, research and cultural communities of the country and, secondly, on an international level, to make reliable Greek content available and accessible in an organised and systematic way. To make this possible, e-infrastructure has been developed to effectively collect and compile content and data, safeguarding access for all users no matter from where or when and ensuring long term preservation of the content. The development of this e-infrastructure has led to our new services, OpenABEKT and SaaS Repositories based on the model of Software as a Service.

These new services enrich the already existing services which we have successfully provided users with. Good examples are the National Archive for PhD Theses and the National Union Catalogue of Scientific Serials of the Greek Scientific and Technological Libraries.

b

Metrics & Evidence-based Policies

In order to support the shaping and documentation of evidence-based policies, we focus on the collection of both primary and secondary data for research, development and innovation in Greece. We then produce official statistics and other international standard indicators with relevant interpretations of them, so as to render them usable by policy makers and the broader Research, Technology, Development and Innovation ecosystem of the country. For this purpose, we systematically publish scientific bibliometric studies of research activities in Greece, in accordance with international standards. Since 2012, we have been officially recording and exporting national statistics for research, development and innovation from all sectors of the economy. To do this, we collaborate with the General Secretariat for Research and Technology, the Hellenic Statistical Authority and, on an international level, Eurostat and the OECD, which contributes to the reliability of our national statistical indicators.

Our activities in the above areas contribute greatly to the formation and expansion of the science of science and innovation policy, creativity and innovation; all of particular significance for the country in the current climate.

C

Transfer and reuse of knowledge
for innovation and sustainable development

In the area of the transfer and reuse of knowledge for sustainable growth across all sectors of the economy, as well as the support of entrepreneurship which creates value-added, we seek to interconnect academics, researchers and cultural organisations with the innovative and creative industries.

We provide services to update and link academic, research and business communities, with the aim of providing access to financing tools, information about the business sector and markets, relevant reports, tools to enable productivity and legal tools to support the management of intangible resources. In addition to reinforcing technology transfer, we foster the adoption of up-to-date production models of innovation and international networking.

Having great expertise in the specific fields, we, at EKT, place particular emphasis on cultural and creative industries, health, the environment, energy and ICT.

These activities benefit the academic and research communities in two distinct ways: they promote the reuse of research results in business, while, simultaneously, help to achieve the goals of R&D activities in response to the needs of the markets, thus substantially contributing to synergies between research and production.

Special emphasis is given to providing relevant updates, training and support regarding intellectual property; the basic means of reusing knowledge in different forms and with different licenses.

Typical of our activities, here at EKT, are the long-term position we have held as the co-ordinator and the Greek hub for the European network for technology transfer - Enterprise Europe Network - as well as being the National Contact Point both during the 7th Framework Programme and Horizon 2020.

These goals are supported by the necessary tools and infrastructures that we develop and maintain in order to provide value-added services. The consistent support of open knowledge policies and the provision of the means to strengthen academic research, education and the production of quality cultural content establishes an organisation as one to be trusted; able to effectively contribute to innovation and make knowledge-intensive industries the basic means of development for the country.

activities
2013

Digital Repositories

- A rich collection of educational content in the Acropolis' new digital repository
- 200 years of local history in the "Ergani" digital repository
- Collections of Open Content & Open Technologies in the new GFOSS repository

e-Content Platforms

- National Archive of Greek PhD Theses: New online services
- ePublishing: open access to 3,000 articles from one single search platform
- openarchives.gr: The largest Greek portal to reliable content, now with a new online look
- Our new SaaS services for the management and showcasing of Greek digital content
- New SaaS services by EKT

Metrics & Evidence-based Policies

- Official Research & Development statistics for Expenditure and Personnel 2011 in Greece
- New online study on Greek scientific publications in international journals using the Scopus database
- Greek participation in the 7th Framework Programme

International Conferences

- 1.300 Bilateral Meetings for business collaborations in Greece
- Creativity Conference 2013: a two-day conference on innovative means of creative production that captivated the public
- Open Access @ EKT -Developing common European policies for innovative use of public and scientific information
- EKT, the National Contact Point for the "Horizon2020" programme

Digital
Repositories

Aiming to create
a strong knowledge network

for the use and reuse of quality Greek digital content, we have developed digital repository services for organisations with reliable educational, research, scientific and cultural content.

These services will soon be of a higher quality and efficiency through the new Software as a Service model which facilitates dissemination and access to valuable knowledge.

A **rich collection**
of educational content
in the **Acropolis'**
new digital repository

The Acropolis Educational Resources Repository, has been set up to make a rich volume of material about the most significant monument of the country - the Acropolis - accessible. It is a digital repository containing a wide variety of data collected by the Acropolis Information and Education Department of the Acropolis Restoration Service, over the many years of the monument's restoration. As such, it is a perfect place for anyone, be they educators, students or simply interested members of the general public, to explore the past history as well as appreciate the architectural features and beauty of this Classical Greek monument in a unique way.

> **"** Get to know the Acropolis through printed leaflets, photographs, films, publications, school projects, digital games, educational books and lesson plans. **"**

The user, depending on their requirements [as 'educator', 'student', 'visitor', 'family'], can search for and browse through written material, all of which is supported by metadata - creator, type of content, date, editor, publisher, lesson, educational level, subject and monument.

Using the wealth of digital data available, including project ideas and educational games, teachers can improve learning within the classroom or simply use it as an aid to make a visit to the Holy Rock more worthwhile. Similarly, students can easily find information to enrich their projects; while families and visitors generally can use the service to find out more about the Acropolis, its monuments or its museum to make the most of their visit.

> **"** A digital visit to the 'Holy Rock' of the Acropolis **"**

As the majority of school curricula worldwide include studies about Classical Greece, all students, no matter where in the world they may be, can now enjoy a more immediate, dynamic, interactive experience of the Acropolis – past and present – without leaving the classroom. The art, history and architecture of the place comes to life when taking a guided tour of the Parthenon, the Erechthion, the Temple of Athena Nike, the Propylaia or the Acropolis Slopes.

While browsing the repository, the historical and cultural value of this great effort to restore and maintain the Acropolis can be fully realised and appreciated.

303 bibliographic records > **272** full records > **294** files
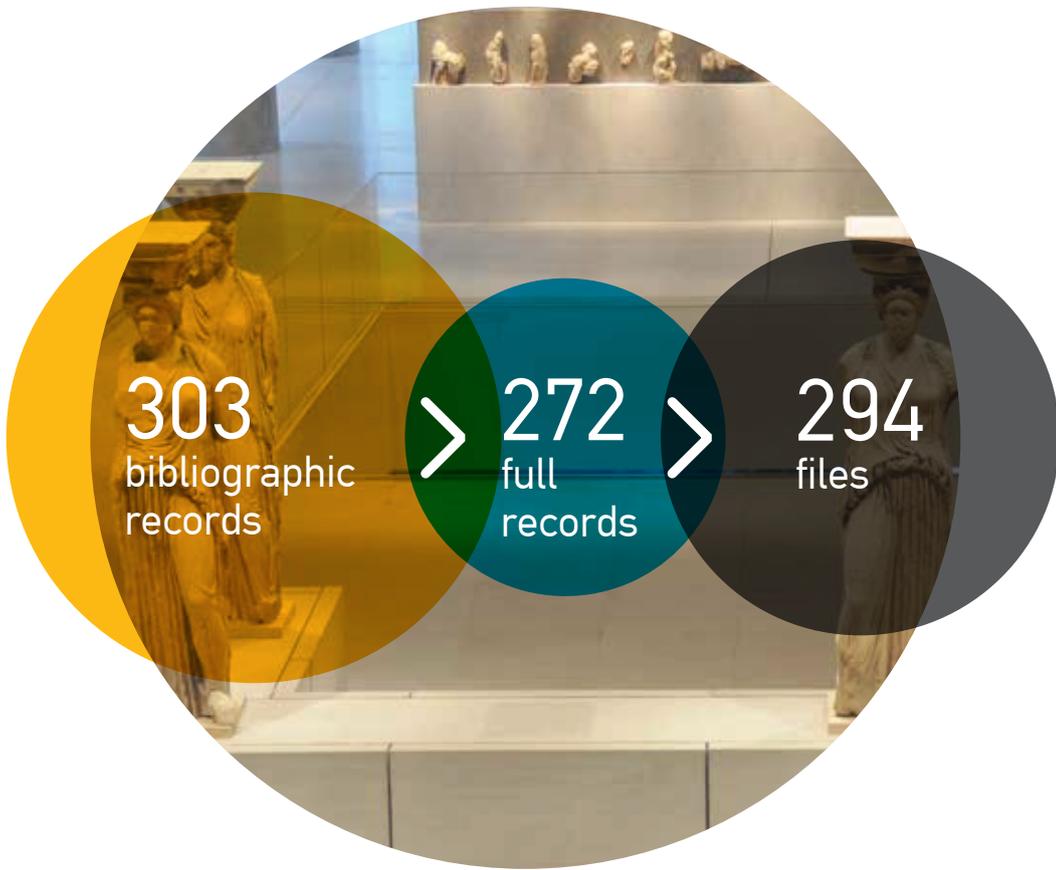
18.432 unique visitors / **22.859** visitors / **99.261** views

http://**repository.acropolis-education.gr**

Technical Information

Hosted on Cloud Infrastructure, here at EKT, data in the repository is findable using search engines and data collection tools, based on international standards of archiving metadata and compatible with international repositories, such as the European digital library Europeana.

Body

The Acropolis Restoration Service is a special peripheral service of the Ministry of Culture, established in order to organise and carry out the conservation and restoration work on the Acropolis.

Resources

The Acropolis Educational Resources Digital Repository was developed within the Project "National Information System for Research and Technology / Social Networks -User Generated Content" NISRT]. NISRT is co-financed by Greece and the European Union – European Regional Development Fund [Operational Programme 'Digital Convergence', NSFR]

200 years
of local history
in the **"Ergani"**
digital repository

> **"** The Historical Archive of the Aegean – Ergani- reflects
> the everyday urban and business life of Lesvos
> in the 19th and 20th centuries **"**

'Ergani', the Historical Archive of the Aegean, now exists in digital form with over 1500 documents and files which can be freely accessed by users. The repository is an integrated information platform for the management and showcasing of the Ergani archival collections. It aims to facilitate historical research of the socio-economic development of the Northeastern Aegean during the 19th and 20th centuries emphasising in particular the early history of the middle - class of Lesvos as well as the developing business and cultural life of the Northeastern Aegean

> **"** The archive got its name from
> the olive collecting machine. 'Ergani **"**

Its archival material includes an impressive range of documentation: newspapers, letters, financial records, photographs, advertisements, engineering plans,postcards,literature and films from the period 1924-1929. Such a variety of sources gives a clear, informative overall picture of the everyday life of the middle-class, the pioneering development of olive cultivation and entrepreneurship and political developments not only on Lesvos but also in the Northeastern Aegean during this historic period.

The repository is of interest and use to a variety of visitors including: historians, researchers, students, those with a general historical, social and folklore interest and even local residents of the Northeastern Aegean. All can browse and gain access to the files of the Archive. A number of criteria such as, family name, date, type of content, or toponym can be used to find what is wanted. Visitors can learn more about the archival material, print desired material or register as users and, by so doing, receive personalised research services.

The archive gained its name from the olive collecting machine invented by the Mytilenian Mitsas Kourtzis. It was a particularly successful innovation of 1924, winning international recognition at conferences and in journals of the time. The Kourtzis family archive, dating from the early 19th century to 1985, is of particular value as testimony to the gradual commercial separating of Lesvos from the coast of Asia Minor and the general area of the Black Sea.

1.574
bibliographic records

633
records

3.232
files
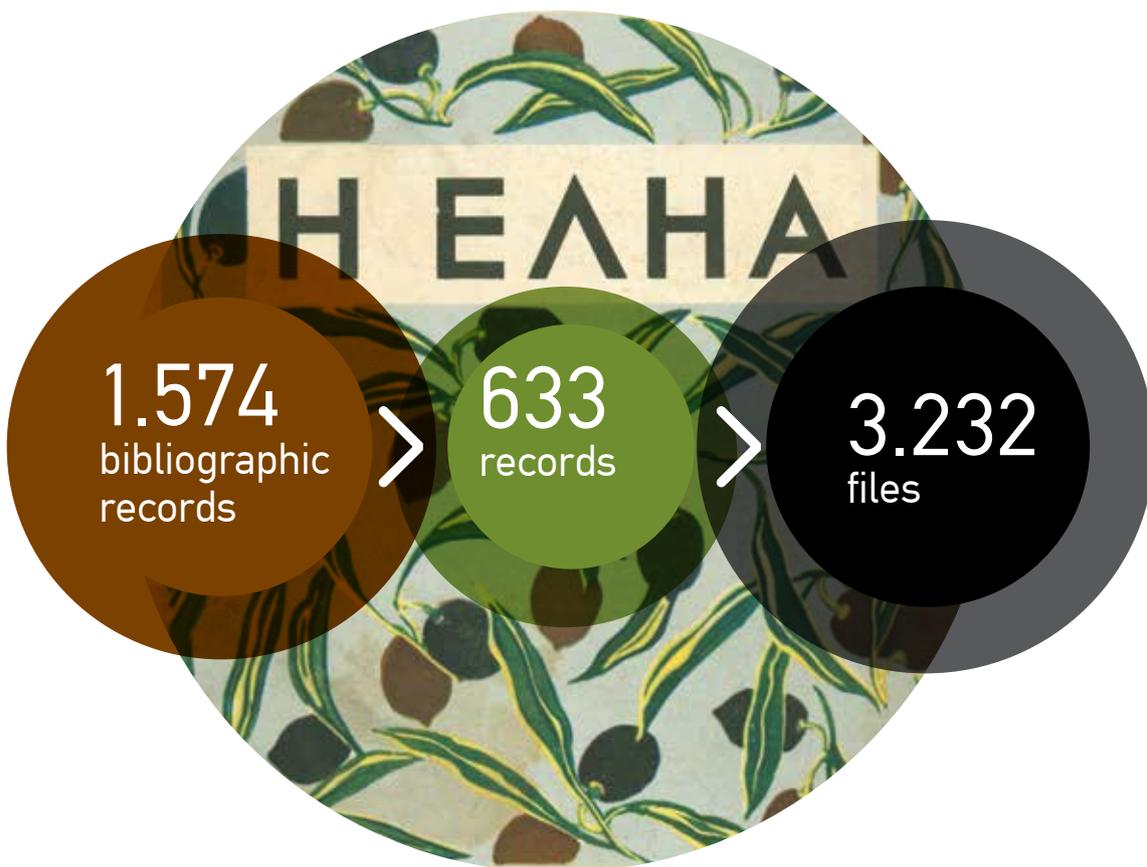
1.629
unique visitors

2.243
visits

15.883
views

www.ergani-repository.gr

Technical Information

The archival collections were documented using recognised metadata schemas and incorporating standard vocabulary, established terms and ensuring easy access to information and interoperability.

Body

'Ergani' is a non-profit organisation founded in 2002 and is based in Mytilene. It aims to preserve and use Greek cultural heritage which the Archive showcases.

Resources

The 'Ergani' Repository was developed within the Project "National Informations System for Research and Technology / Social Networks-User Generated Content' [NISRT]. NISRT is co-financed by Greece and the European Union – European Regional Development Fund [Operational Programme 'Digital Convergence', NSFR]

Collections of Open Content & Open Technologies in the **new GFOSS** repository

As a founding member of and in collaboration with the non-profit organisation Greek Free / Open Sources Software [GFOSS], we have developed the digital repository of Free / Open Sources Software [FOSS]. It allows open access to online material produced through activities relating to Free Software, Open Hardware and Open Content which have been carried out by the GFOSS, its members or individual creators.

Users can browse and search content made up of studies, videos, proceedings, guides, presentations and so on. All are accessible in accordance with the principles of Open Access. In addition to using the repository as a means of reference, registered users can submit online their own related material which can then be exploited by other users.

> " The GFOSS repository contributes to the promotion of open content actions and highlights the benefi ts of open software use. "

The GFOSS repository, contributes not only to the systematic collection, management and open dissemination of digital content on open technologies and open software, but also to its wider use and reuse with the aim of promoting Open Content activities and the benefits of Free Software and Open Hardware.

Open software represents the latest model for development, dissemination and reuse of software. As such, its ever-increasing use is bringing about solutions which are reusable and cheaper, while they ensure resources for investment in human expertise.

The repository, with 319 records, is a remarkable source of knowledge which highlights the progress of the development of applications for open software, how they function, the potential for their exploitation and the use of Creative Commons Licenses in Greece and internationally.

318 records > **326** archives > **118** videos
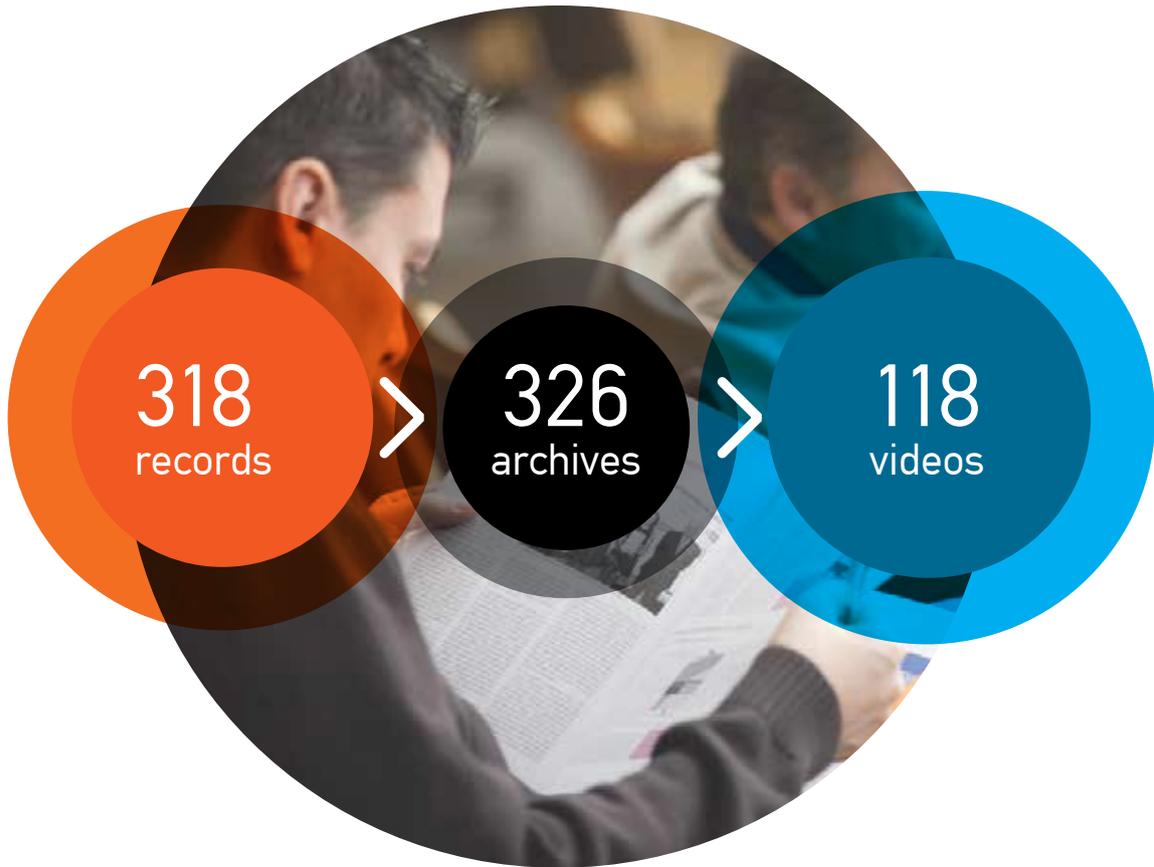
7.049 unique visitors / **9.682** visits / **59.312** views

http://**repository.ellak.gr**

Technical Information

The repository has been developed in accordance with the demands of the organisation and is hosted on our Cloud Infrastructure. It allows for long-term preservation of content, sustainable methods of use, as well as the carrying out of projects using international standards, such as data migration, exporting of content through specific applications etc

Body

The Greek Free/Open Source Software Society [GFOSS} is a non-profit organisation founded in 2008 by Universities and Research Centres. Today, it consists of 29 Universities and Research Centres. Its main goal is to promote the use and development of Open Technologies in education, public administration and business in Greece.

Resources

The development of GFOSS was carried out within the Project "National System for Research and Technology / Social Networks-User Generated Content"[NRST]. NIRST is co-financed by Greece and the European Union – European Regional Development Fund [Operational Programme 'Digital Convergence', NSFR]
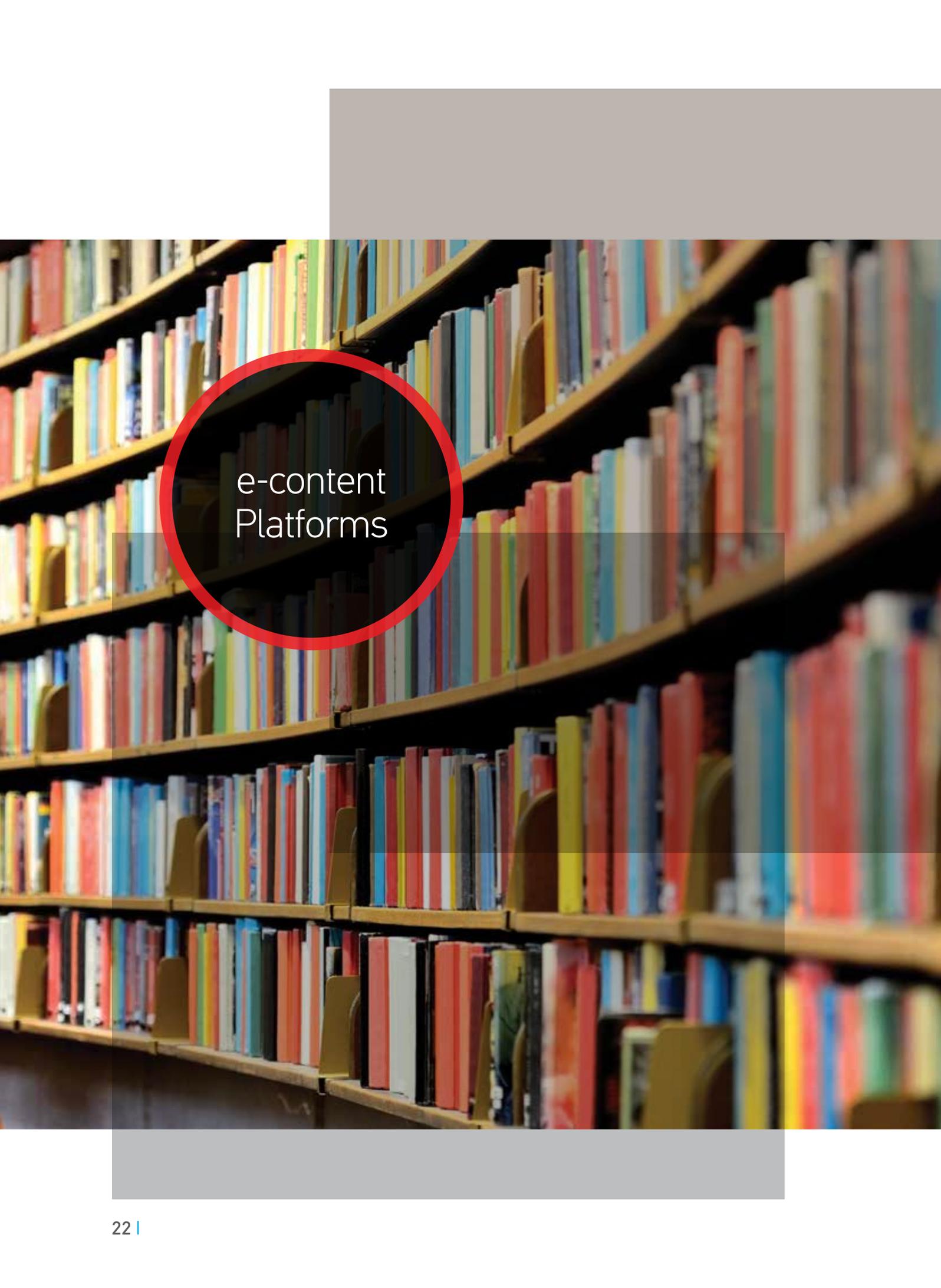
e-content
Platforms

Our priorities at EKT

are to disseminate reliable academic, cultural and scientific content, highlight Greek research activities, as well as promote their use for development and innovation on both a national and European level.

The development of reliable and usable applications, capable of further reinforcing academic communication, quality use of research with respect for the Greek researcher and their integration into developmental activities of the country has allowed us to provide essential online services, such as those which follow with benefits for both the academic community and the general public.

National Archive
of Greek PhD Theses
New online services

Being by law, the official body for collecting and preserving all Greek Scientific PhD theses, we have created and recently upgraded an online repository – the National Archive of Greek PhD Theses – which has advanced searching, navigating and browsing tools, offering easier access to all its content.

It contains bibliographic records of PhD theses which have been systematically documented to include: title, abstract, author, scientific field, educational centre, thesis committee, year of PhD award, key-words, country and language. Users can search for the material they need using very simple filters to easily navigate and browse specific areas – scientific field, institution, author, country, language and date.

> " Access to more than 31,000 PhD Theses
> in the National Archive of Greek PhD Theses "

There is access to over 22,500 complete PhDs with currently 5,000,000 digital pages, a figure which is constantly increasing. Besides being able to browse and print page- by- page, users can now download a thesis in pdf format after having registered with the repository and accepting the user terms, that is the information is for personal not commercial use or for educational / research purposes.

> " Order theses online,
> use simple search criteria, download files,
> browse through theses, ask the helpdesk "

Registered users can order any thesis online as a pdf or a CD / DVD, or request a digital format of a thesis which is not already available online. To make things even easier we have an online helpdesk [helpdesk.didaktorika.gr] which can answer queries directly or through FAQS and Useful Files.

29.758
bibliographic records

31.168
theses

22.528
full digital records
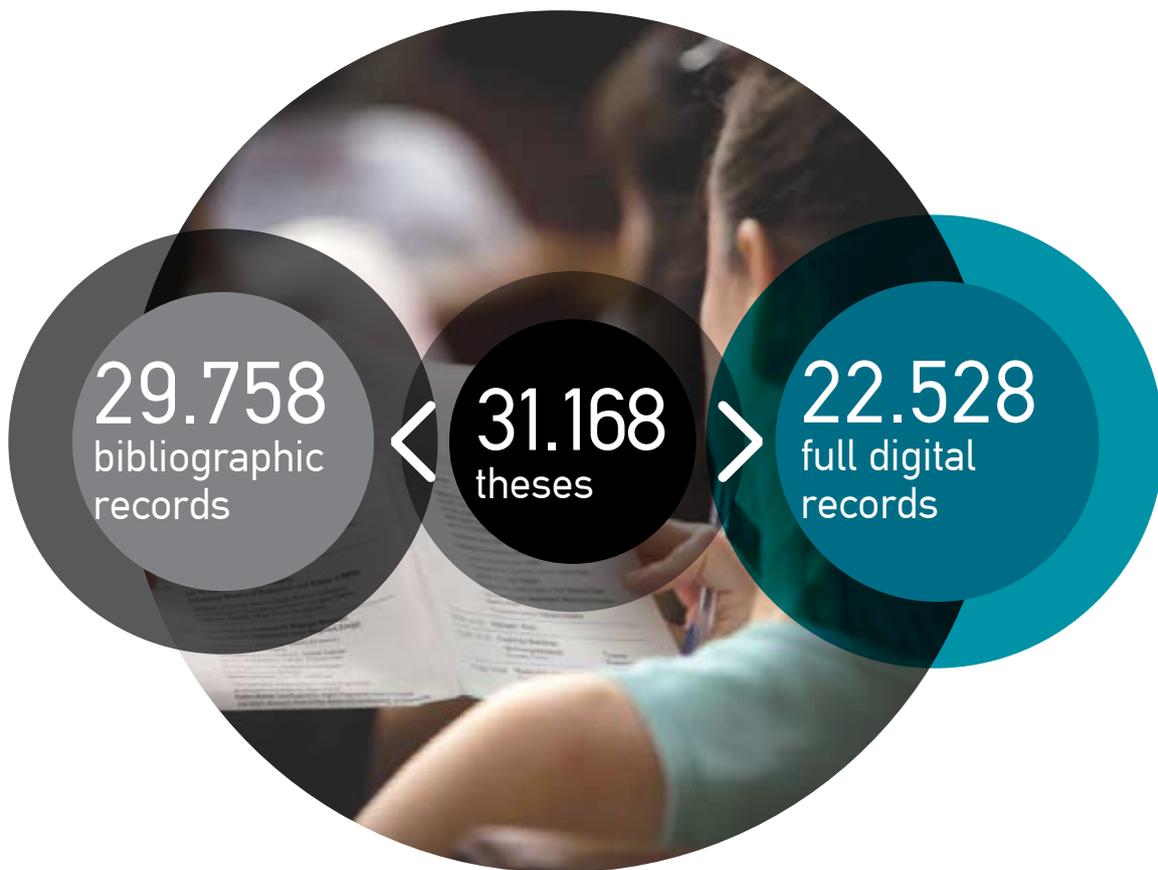
465.011
unique visitors

631.802
visits

5.806.179
views

60.643
downloads

439.263
online readings

20.688
registered users

2013

www.didaktorika.gr

The National Archive of PhD Theses is the repository for all PhD theses, whether by Greeks or those of other nationalities, which have been carried out at Greek universities or have been produced by Greeks at universities abroad. The majority date from 1985 and later as it was from this date that the deposit of PhDs in the National Archive of PhD Theses became law. Archive files in printed form number more than 31,000 and are stored in our Science and Technology Library at the National Research Centre.

Supporting the Researcher:
The benefits of access to a thesis in the National Archive of Greek PhD Theses

Open access to scientific knowledge is central to the European Digital Agenda 2020. It is also a dominant trend in the international scientific community and a key element of development in accordance with national and European policies for scientific and cultural knowledge and production.

It is for this reason we have developed an infrastructure to collect, document and disseminate reliable scientific and cultural content, both for the national and international scientific communities. Playing a basic role in this is the National Archive of Greek PhD Theses.

The basic principles behind the dissemination of content policy is the protection and reinforcing of open access in research, knowledge and production, while supporting new researchers in their attempts to make their work known and accessible to the Greek and international scientific community, as well as the general public.

As well as being a portal for showcasing the outcomes of original scientific research, the repository is also a portal for exploitation and reuse of content. For the researcher who deposits their thesis in the National Archive of Greek PhD Theses, long-term preservation and dissemination of their workis guaranteed increasing the chances of citations and international recognition. Once deposited, Greek theses are then disseminated through the European portal DART, which gives open access to more than 400,000 PhD theses.

At the same time, these procedures ensure the transparency of research, while contributing to the prevention of plagiarism.

Detailed information as to how to submit a thesis can be found online at the National Archive of PhD Theses site.

Technical information

As a result of the upgrading and further development of EKT's management information systems, there is now a new version of the National Archive of Greek PhD Theses. The improvements optimise the collection and documentation procedures for theses, as well as upgrade the operating systems.

These developments have allowed for the integration of additional services facilitating searches of the National Archive of Greek PhD Theses, recovery, reading and long-term preservation of theses. At the same time, tracking theses is easier, since their inclusion in the National archive of Greek PhD Theses makes them searchable using search engines, such as Google.

In addition, every thesis which is registered with the National Archive of Greek PhD Theses is given a permanent URL, while its continued presence and its ability to be viewed in its digital form is ensured.

Action

Since 1985 EKT has been, by law, the official body responsible for the National Archive of PhD Theses. It plays an active role in the international portal DART-Europe, a collaboration between research libraries and consortiums of libraries in Europe, which aims to improve access to European PhD theses. In this way, Greek PhD theses are made available at DART [www.dart-europe], where open access is provided to more than 400,000 PhD theses from 27 European countries, using a single point of search and navigation environment.

Resources

The new version of the National Archive of Greek PhD Theses was developed within the Project "National Information System for Research and Technology / Social Networks-User Generated Content' - NISRT. NISRT is co-financed by Greece and the European Union – European Regional Development Fund [Operational Programme 'Digital Convergence', NSFR]

62% United States

1% India
1% Turkey
1% Belgium
1% China
1% Netherlands
1% Cyprus
2% Italy
2% France
3% Germany
6% China
7% Great Britain
12% Canada

Online traffic of the National Archive of Greek PhD Theses **from other countries**
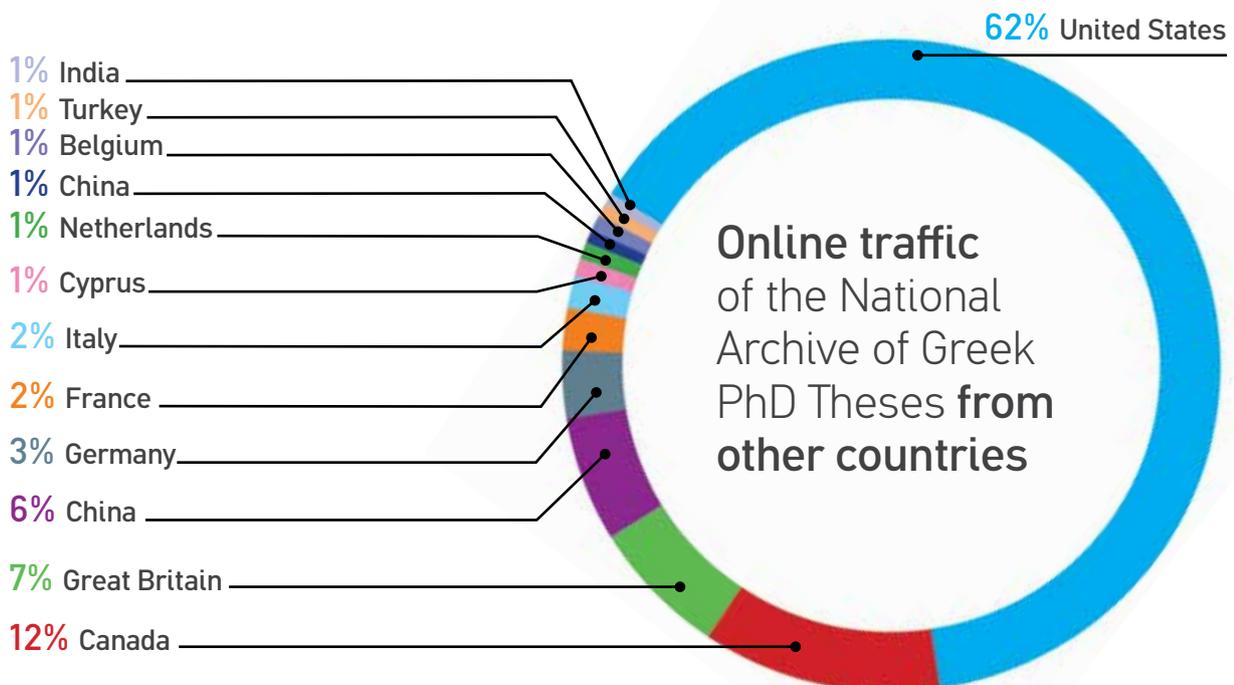
ePublishing:
open access to 3,000 articles from one single search platform

In April 2013, we launched a new website for e-publishing. It provides open access to articles from reputable Greek journals, books and proceedings, covering a wide spectrum of scientific content. It follows the latest developments in academic communication and offers publishers and readers, alike, alternative methods of publication and use of scientific production. It is also available in English, making it easier for the international public to browse its open access scientific publications.

> " Our e-publications for the Humanities,
> Social and Natural Sciences aim to promote knowledge,
> open access to research results and the internationalisation
> of Greek scientific production "

Our electronic publications are a result of successful collaboration between Greek scientific publishers with international prestige in the Humanities, Social and Natural Sciences. We aim to promote knowledge, open access to research results and internationalise Greek scientific production through advanced systems which automatically collect content from publications, allowing a specialised search of the material in a user-friendly environment.

> " 12 publishers, 14 e-journals,
> 14 e-books,
> 3,000 articles, 43 conference proceedings "

Currently, e-publishing hosts trustworthy scientific content from 12 Greek scientific publishers including: 14 accredited open access scientific journals [the majority of which follow peer-review procedures, and are indexed in international databases], 3,000 scientific articles in different languages, 14 e-books, as well as more than 40 conference proceedings.

2.994
articles

48
scientific
fields

2.530
authors

14.179
unique visitors

21.675
visits

91.013
views

2013

15 % visitors 2013 from abroad

http://**epublishing.ekt.gr**

Visitors can browse through an index of approximately 2,530 authors or search for the material they are interested in, choosing from a rich catalogue of scientific articles and books in 48 scientific fields, from Social Science and Humanities [eg History, Archeology] to Natural and Agricultural Sciences [eg Marine Biology and Earth Science].

The material is enriched constantly as we widen our network of co-operation with scientific publishers who wish to present their publications in a digital form according to internationally recognised standards and trends.

ePublishing

> " Unified search using key words,
> online reading, browsing,
> exporting bibliographic references,
> online article submission "

Our ePublishing environment is organised in such a way that it not only makes it simpler to navigate but allows a unified search of all content of books, articles and proceedings based on key-words.

The function "Advanced Search" allows for filtering of the results of the search on the basis of the type of content, [articles, books, journals, conference proceedings, publisher, author, scientific field etc]. The user can read the publication of interest online in very simple forms [eg files, browse].

Articles in journals are embedded with metadata and links which lead to better exploitation on the part of the user. They can go to other articles in the same journal, related articles, work by the same author, search the whole of our ePublishing content, export the bibliographic reference, find added details about the electronic journal [such as instructions for authors or the general policy of the journal] as well as use sharing tools.

At the same time, potential authors can learn how to submit scientific articles to collaborating publishers and the rules of submission for each publisher, as well as discover the benefits of publishing with open access.

> " Such electronic publications
> now receive a vast number
> of visits both from Greece and abroad "

Access to each of the journals which our ePublishing platform includes is possible through the e-address of the journal. There, each visitor can take advantage of a series of added services such as registering as a user, receiving special news, submitting articles and requesting to be an assessor.

14
electronic journals

Byzantina Symmeikta | www.byzsym.org

Scientific journal of the National Hellenic Research Foundation - Section of Byzantine Research (SBR)

- **22 volumes**
- 346 open access articles
- 17.215 visits

Tekmeria | www.tekmeria.org

Scientific journal of the National Hellenic Research Foundation – Institute of Historical Research (IHR)

- 11 volumes
- 128 open access articles
- 4.064 visits

The Historical Review / La Revue Historique
| www.historicalreview.org

Scientific journal of the National Hellenic Research Foundation – Institute of Historical Research (IHR)

- 10 volumes
- 142 open access articles
- 7.442 visits

research notebooks | www.ine-notebooks.org

Scientific journal of the National Hellenic Research Foundation – Institute of Historical Research (IHR)

- 12 volumes
- 143 open access articles
- 4.638 visits

IHR/NHRF Newsletter | www.ine-newsletter.org

Scientific journal of the National Hellenic Research Foundation – Institute of Historical Research (IHR)

● 13 volumes   ● 147 open access articles   ● 2.556 visits

Deltion of the Christian Archaeological Society
| www.deltionchae.org

Scientific journal of the Christian Archaeological Society

● 48 volumes   ● 1.353 articles / 1.228 open access   ● 9.649 visits

Makedonika | www.makedonikajournal.org

Scientific journal of the Society for Macedonian Society

● 4 volumes   ● 77 open access articles   ● 2.078 visits

The Gleaner | www.eranistes.org

Scientific journal of the Greek Society for Eighteenth Century Studies

● 11 volumes   ● 265 open access articles   ● 2.627 visits

Mnimon | www.mnimon.gr

Scientific journal of the Society for the Study of Modern Hellenism

- 21 volumes
- 586 open access articles
- 6.092 visits

Ιστορείν | www.historeinonline.org

Scientific journal of the Cultural and Intellectual History Society (CIHIS)

- 12 volumes
- 153 open access articles
- 8.441 visits

Preschool & Primary Education
| www.childeducation-journal.org

Scientific journal of the Laboratory of Pedagogical Research and Applications
of the Department of Preschool Education of the University of Crete

- 1 volumes
- 10 open access articles
- 6.588 visits

Mediterranean Marine Science | www.medit-mar-sc.net

Scientific journal of the Hellenic Centre for Marine Research

- 31 volumes
- 106 open access articles
- 31.587 visits

International Journal of Language, Translation and Intercultural Communication
| www.latic-journal.org

Scientific journal of the Department of Applied Foreign Languages in Management and Commerce

- **1** volumes
- **13** open access articles
- **491** visits
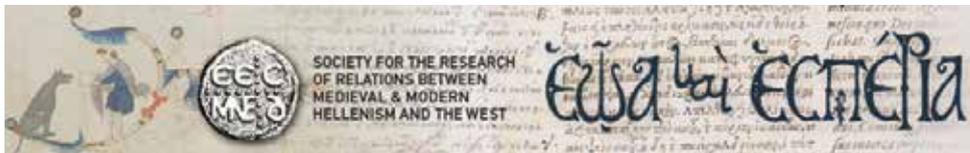
Eoa kai Esperia | www.eoaesperia.org

Scientific journal of the Society for the Research of Relations between Medieval & Modern Hellenism and the West

- **8** volumes
- **94** open access articles
- **100** visits

14
e-books
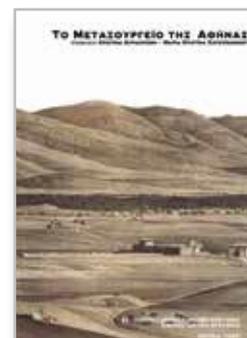
at **epublishing.ekt.gr**
you can find

14 eJournals

12 Publishers

43 eProceedings

14 eBooks

Technical Information

EKT ePublishing provides a series of services for electronic publishing covering all stages of publication, from digitisation to publicity, for example, hosting content on EKT's servers, services for digitisation and designing digital issues, software - Open Journal Systems [OJS] for the management of the publishing procedure for scientific journals, services for the organisation and documentation of content, advisory services, technical support, software services to ensure compatability with the latest reader devices, services for indexing in international databases [eg Scopus, DOAJ, ISI] and services for promotion and viewing.

Action

EKT uses its expertise to follow the latest developments in academic communication and offers publishers and readers alternative forms of publishing scientific work using Open Access as a business model.

ePublishing is not just another activity of EKT but also an integrated digital environment offering a single point of access to electronic publications which EKT develops [epublishing.ekt. gr] Each journal hosted on this platform, automatically has its own site. The platform was inaugurated in January 2013, though providing ejournals began in 2007, while the addition of books in an electronic form only is imminent.

Resources

ePublishing services were developed within the Project "National Information System for Research and Technology / Social Networks-User Generated Content' - NISRT. NISRT is co-financed by Greece and the European Union – European Regional Development Fund [Operational Programme 'Digital Convergence', NSFR]

openarchives.gr:
The largest Greek portal to reliable content, now with a new online look

open
archives.gr

Our e-portal, openarchives.gr, originally created in 2006, was upgraded in 2013 making it the largest web portal to quality Greek content, both scientific and cultural. Now, with its fresh look, new and improved ways to browse and search content, it is even more user-friendly.

"Search 450,000 digital documents from 66 collections of 48 eminent scientific & cultural organisations"

Users can search 450,000 documents from one single access point. These documents include scientific journals and journal archives, research publications, PhD theses, dissertations, photographic material, videos, maps, musical scores and engravings, covering a wide range of subject areas, such as History, Music, Economics or Marketing.

"Dissertations, photographic material, videos, maps, musical scores, engravings can be located via openarchives.gr"

Using everyday search engines, locating such material is made difficult as it is stored in categorised digital libraries, institutional e-repositories and e-collections. Our site makes searching so much easier. New collections are constantly being added while existing content is updated weekly with the latest entries and changes.

The collections come from 48 trusted organisations from Greece and Cyprus, such as universities, research bodies, scientific companies, municipal and local libraries, museums, archives and collections from institutions. The National Archive of PhD Theses, which we manage, the Digital Archive for Greek Musicof the Music Library Lilian Voudouri and the digital collections of the Greek journals Cosmopolis and Pleias from the University of Patras, are just some of the 66 collections of interest which are included in openarchives.gr.

For organisations with quality-assured content, openarchives.gr offers a unique service to showcase their content to a broader audience.

66 collections

450,000 digital documents

48 organisations

669,089 unique visits

915.224 visits

4,102,314 views

2013

9 % of visits 2013 from abroad

www.openarchives.gr

Technical Information

Openarchives.gr enables information for reliable digital content of the country to be collected using a single portal. It highlights the organisations involved, the content and the work produced and contributes to their integration while making it easier for users to search.

Action

EKT develops and offers openarchives.gr as part of its strategy for the collection, organisation and dissemination of scientific and cultural production of the country, in accordance with international standards as well as with the needs of the contemporary user. In order to serve the user better, openarchives.gr is continuously enhanced and new collections are highlighted.

Organisations with quality-assured cultural and scientific content which are interested in making content available through openarchives.gr should contact EKT.

Resources

The upgrading of openarchives.gr was developed within the Project "National Information System for Research and Technology / Social Networks-User Generated Content' - NISRT. NISRT is co-financed by Greece and the European Union – European Regional Development Fund [Operational Programme 'Digital Convergence', NSFR]
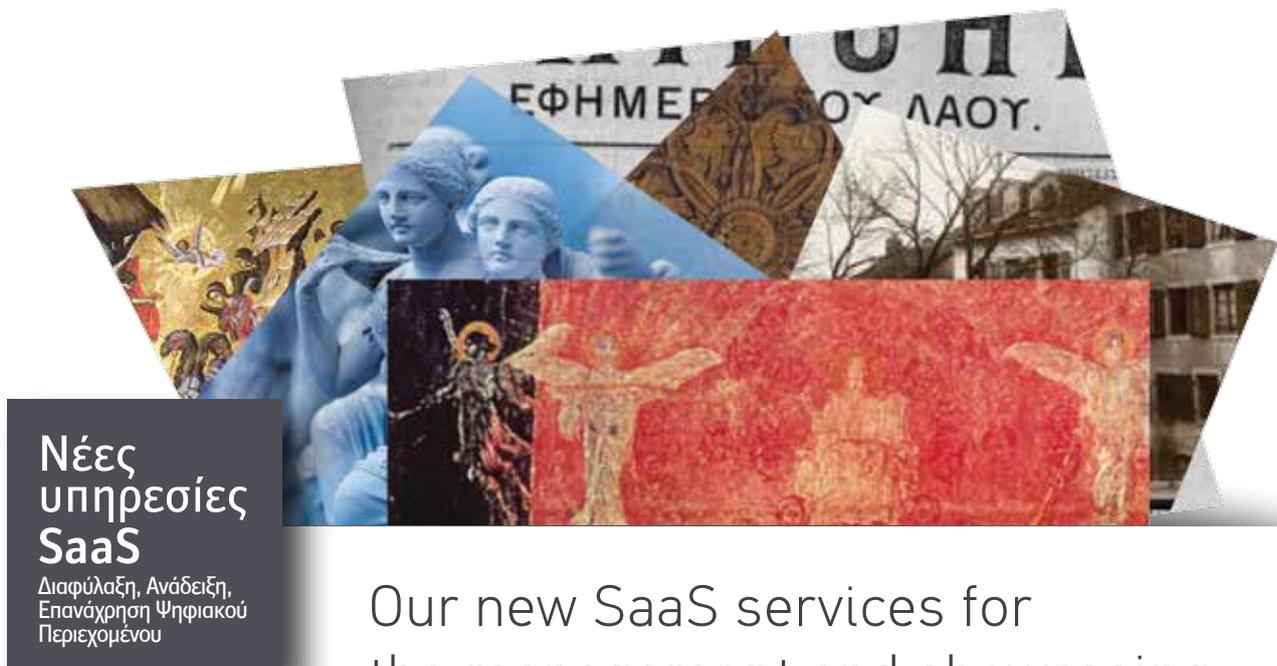
Νέες υπηρεσίες SaaS
Διαφύλαξη, Ανάδειξη, Επανάχρηση Ψηφιακού Περιεχομένου

Our new SaaS services for the management and showcasing of Greek digital content

www.epset.gr/SaaS_Services

Through the development of new services, here, at EKT, we aim to enhance the formation of a strong network to highlight digital content produced nationally. Using state-of-the-art technology, particularly SaaS [Software as a Service] and Cloud Computing, we enable the deposition, management, preservation, and dissemination of digital scientific and cultural content.

The new services, the development of which continued during 2013, enables Greek cultural and scientific organisations to present their data and content. The services, which are, at present, provided at no extra cost on the part of the users, make it possible for them to create their own repository.

Although the services are web-based, meaning that there is no need for individual software installation, they are adapted to meet the requirements of each user. The services come in two forms:

- Using our online services, each organisation can collect their digital content, document it, store it, organise it, manage it and disseminate it all in accordance with international standards.

- OpenABEKT is our new system for organising, managing and disseminating library content and can be easily activated by the user from their computer. It has all the functionalities necessary to develop and manage:

- a] metadata, data and digital material

- b] member lending and personalised services for the user

- c] statistical data from all libraries managed by ABEKT.

E-learning, remote support services and clearing rights for digital content are complementary services which we provide through the development of online applications and tools which include a variety of guided methods [texts with detailed instructions and visual material, for instance, videos, presenting the application with narrated sample cases of its usage].

To test the feasibility of the new services, we carried out an online survey and were encouraged to see from the responses that there is a real need for such services. A further aspect of the survey was to identify the potential, requirements and available content of each organisation participating so that we can give the end-users exactly what they need. A selected group of organisations are already collaborating with us to establish the best way of further developing such services.

The SaaS Services are being developed as part of the project- 'A Platform for the Deposition, Management and Delivery of Open Metadata and Digital Content'- which we are carrying out within the framework-Operational Programme 'Digital Convergence'[NSFR] [ESPA 2007]-2013]

Within the same framework, services are being given to certain Greek institutions implementing cultural content digitisation projects in the context of the Calls 31 and 31.2 of the Operational Programme 'Digitisal Convergence'. The services are:

- Preservation of digital content This service offers secure storage of back-up copies of digitised cultural content.

- Validator

- This service enables those institutions to verify that their content digitisation projects comply with the specifications for interoperability and open data set by the 'Digital Convergence' Operational Programme,

- Unified Search Service.
  A single point of access to digital cultural content with linked data and metadata.

 Our services aid the user by:

- facilitating dissemination and reuse of digital content

- enabling access to well-documented quality content

- exhibiting content which was previously inaccessible

- enriching and linking available reliable information

- preserving valuable digital material

Metrics &
Evidence-based
Policies

Supporting the shaping and documentation of evidence-based policies

is one of our main strategic axes. For that reason, we systematically publish scientific studies which record and measure research activities in Greece in accordance with international standards and indicators. Since 2012, we have been responsible for the production of national statistics for research, development and innovation.
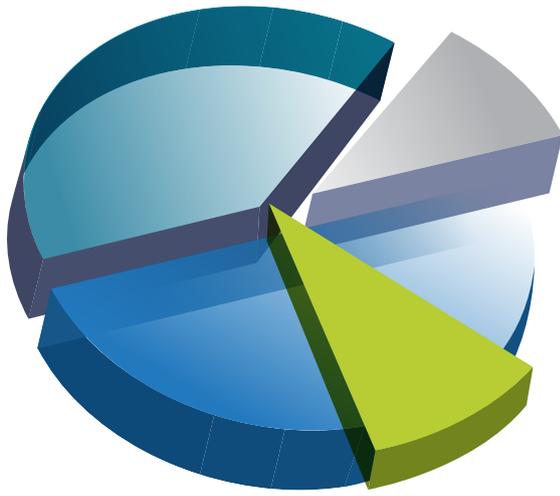
Official Research & Development statistics for Expenditure and Personnel 2011 in Greece
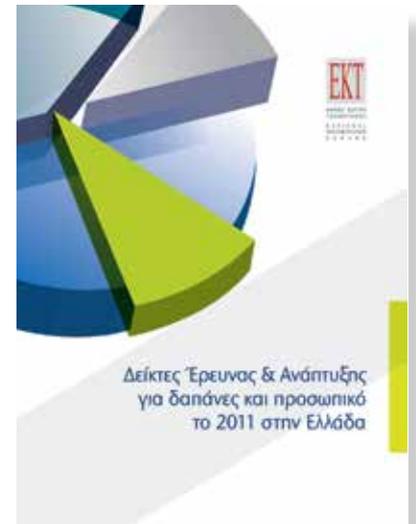
In 2012 the general Secretariat for Research and Development appointed us the official body for the collecting and publishing of national Research and Development statistics. Our first statistical survey was conducted in September 2013 and thus, after a number of years' absence, Greek statistics were once more to be found in the Eurostat tables 2011-2012.

> " After many years of absence, Greece has sent official statistics to Eurostat for Research & Development "

R&D statistics targeted expenditure and personnel involved in research activities, in the country as a whole and with individual analysis per activity sector, geographic area, occupation, gender etc. Subsequently, they were included in the mandatory statistics of the European Union and Eurostat in accordance with the European regulation 955/2012.

The best known indicator of statistics is the R&D intensity as a percentage of GDP expenditures. The Europe '2020' strategy sets a 3% objective for R&D intensity (R&D expenditure as a percentage of GDP) .

To produce these R&D statistics, we implemented methods to develop an analytical list of Greek organisations that carry out R&D activities, collect primary data from those organisations, conduct extensive checks against official Greek databases, such as the Monitoring Information System, process the statistical data and, finally, produce the indicators.

Statistics for expenditure and personnel are presented, according to Sector of Performance, in the following tables:

R&D EXPENDITURE

Sector of performance	2011		2012 preliminary data	
	Total R&D Expenditure (mil. €)	R&D Intensity (% of GDP)	Total R&D Expenditure (mil. €)	R&D Intensity (% of GDP)
BES	485,9	0,23	458,6	0,24
GOV	331,7	0,16	331,9	0,17
HES	559,5	0,27	534,3	0,28
PNP	14,0	0,01	11,8	0,01
Total	**1.391,2**	**0,67**	**1.337,6**	**0,69**

R&D PERSONNEL

Sector of performance	2011		2012 preliminary data	
	R&D Personnel (Full-time Equivalents)	Researchers (Full-time Equivalents)	R&D Personnel (Full-time Equivalents)	Researchers (Full-time Equivalents)
BES	6.324	4.021	6.532	4.351
GOV	9.620	4.370	9.982	4389
HES	20.640	16.068	20.508	15.166
PNP	331	216	340	216
Total	**36.913**	**24.674**	**37.361**	**24.122**

BES= Business Enterprise **//** **GOV**= Government **//** **HES**=Higher Education **//** **PNP**=Private non-profit

" Special publication from EKT regarding the official statistics on Research & Development expenditure in Greece "

For even better understanding of the indicators produced, we brought out a special publication with the statistics for 2011. The publication, which is also available in English, gave the basic indicators which verified Greece's position internationally and made the comparison of the Greek R&D system with the rest of Europe possible.

At the same time, emphasis was given to presenting indicators which contributed to the understanding of the relations and the dynamics of R&D activities in all sectors of the economy. Data was presented for R&D activities in academic, research and business sectors, sources of funding, personnel and their classification, as well as the geographical distribution of R&D activities.

The data were given with no interpretation, the ultimate goal being to provide a basis for policy development by the competent authorities as well as for further analysis by the wider stakeholder community in research and businesses.

New online study on Greek scientific publications in international journals using the Scopus database

Our new study- 'Greek Scientific Publications 1996-2010: a bibiliometric analysis of Greek publications in international scientific journals-Scopus' was completed in 2013 and is available online at www.ekt.gr/metrics/report03. It records the activities of scientific authors from Greek organisations in international journals for the 15-year period 1996-2012 and shows the position Greece holds in the international environment.

With the aim of a better picture and in order to show the regional dimensions of Greek scientific and research activities, the basic bibliometric indicators for each Greek region were presented in interactive charts.

http://metrics.ekt.gr/el/node/91

Publications' distribution of Greek regions in the six disciplines of Frascati classification
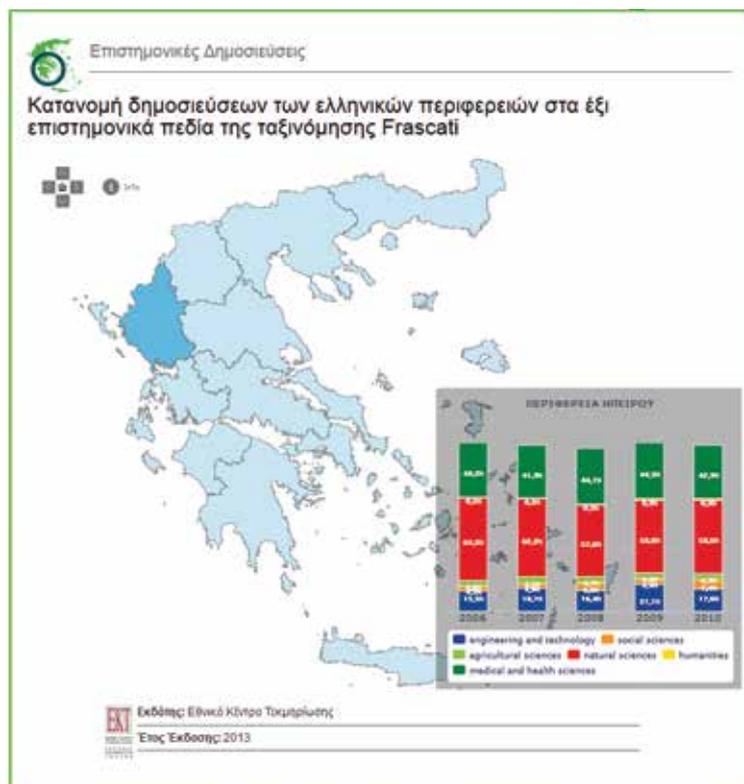
The new study, which is based on data from the international bibliographic database Scopus, is the latest in a series of three studies. Our intention was to create a sound basis upon which to present and monitor the exploitation of the data which directs the research environment of Greece, in comparison with that of EU and OECD countries, on a usable research policy making level.

With the use of indicators from Web of Science/ Thomas Reuters in the previous two studies and Scopus / Elsevier for this study, we not only give a fuller picture of indicators which significantly characterise current reality and the evolution of the scientific production of the country, but also widen the number of Greek publications and the scientific fields which are covered. According to the results of the study, the data from Scopus confirm that during the period 1996-2010 Greek publications were strongly positioned in the international environment as regards impact, originality, quality and recognition. The indicators as a whole and the position of Greece in the EU, the OECD and at an international level were stronger, the impact of publications increased and the performances of the organisations improved.

> " During the five-year period 2006-2010, Greek publication
> with 4.98 citations per publication exceeded the average
> of the OECD [4.79], according to the Scopus database "

During the five-year period 2006-2010, Greek publications received 4.98 citations per publication, which was higher than the average of the OECD [4.79]. A high impact was recorded for all scientific fields, with the highest being in the field of the Humanities [the relative impact indicator was 1.14 against the world average of 1], and was followed by Engineering and Technology [1.12], Agricultural Sciences [0.99], Natural Sciences [0.97], Medical and Health Sciences [0.93] and Social Sciences [0.81].

The study includes analytical data for 95 organisations which were grouped into 8 categories [Universities, TEI, Research Centres which are supervised by the General Secretariat for Research and Technology, Other Public Research Institutions, Public Health Institutions, Private Health Institutions, Other Public Institutions and Other Private Institutions.]

Publications, citations and field normalised citation score relative to the world, by institution category, 2006-2010. Data refers to the total number of publications in each category for all scientific fields

Source: Scopus 1996-2010

Number of publications   Number of citations   Field normalised citation score
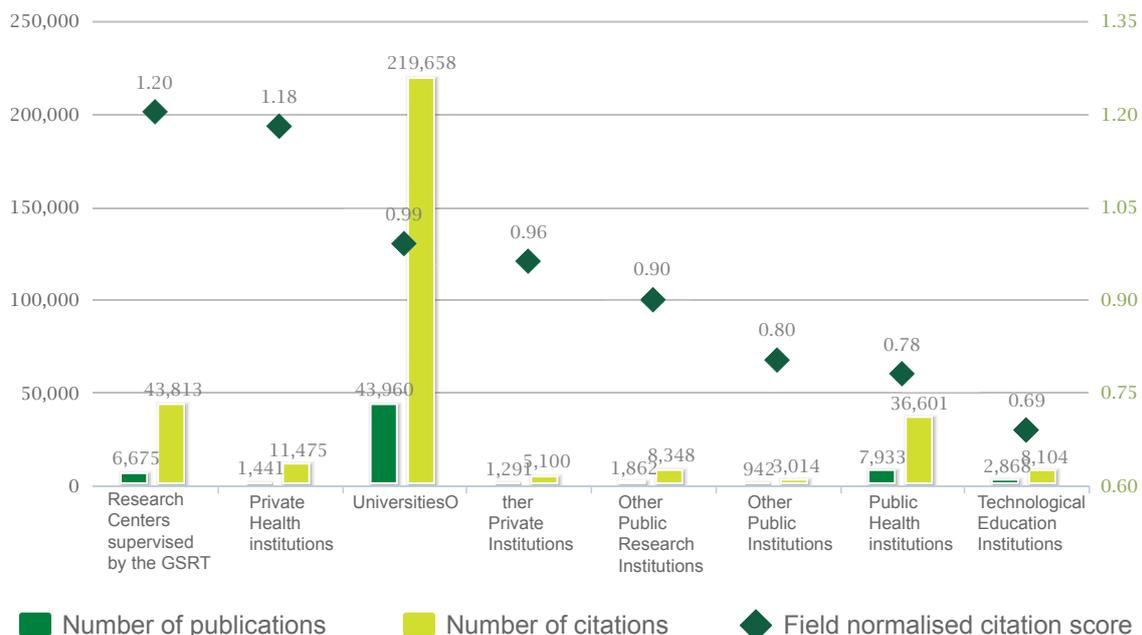
Greek participation in
the 7th Framework Programme

A series of intelligence reports with analytical data on and indicators for Greek participation in the 7th Framework Programme were produced, using data we collected as the National Contact Point, from involvement in various RDI activities and European Commission sources.

Data were given to show performance in projects which were funded by Greece, their budgets, scientific networks and collaborations which were created as a result of the participation of Greek organisations in projects, the number of projects in Greek regions, community funding, which organisations excelled etc

> " For the publicity and promotion of studies using a specialised portal for indicators in Research, Development and Innovation metrics.ekt.gr "

In 2013 the following special reports were published:
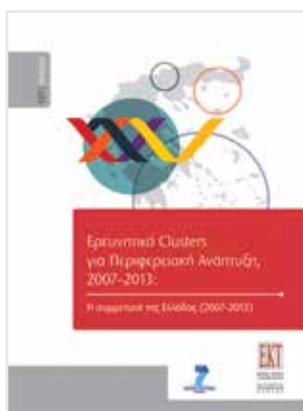
Research Clusters for Regional Development,
The participation of Greece 2007-2012 | http://metrics.ekt.gr/el/node/96

The report summarises the results of Greek participation in the programme 'Regions of Knowledge' for the strengthening of European regions through research-driven-clusters which connect research organisations, businesses and local administrations in the same geographical areas.

Priorities of European research
in the Socio-economic Sciences & the Humanities:
Greece's participation [2007-2012] | http://metrics.ekt.gr/el/node/51

The programme 'Socio-economic Sciences and the Humanities', SSH, is a priority for European research in order to face today's social challenges. Such challenges include: development, employment and competitiveness in the Knowledge Society, the combination of economic, social and environmental goals with a European perspective, important social trends and their effects, Europe's global position, European Commission policies as well as Socio-economic and scientific indicators.

Scientific Excellence in Regions of Convergence EC 2007-2012:
the case of Greece | http://metrics.ekt.gr/el/node/43

The report summarises the results of the programme REGPOT 2007-2012 which, as part of the 7th Framework Programme, aimed, for the first time, to document the extent of regional involvement in innovation in order, on the one hand, to stress the competitiveness and productivity of the regions which are not near centres of research and industrial development in Europe, and on the other, to foster balanced development throughout Europe.

Technical Information

EKT's services for recording, measuring and highlighting the national research and innovative activities are supported by a systematically integrated environment developed by EKT which includes: Participants' Electronic Registry, Online Questionnaires and Users' Support for the collection of primary data, the CRIS system for the permanent preservation of primary and secondary data (from official administrative sources, international bibliometric bases etc), a Monitoring System, a system for the production of Bibliometric Indicators visualising results in an electronic environment with advanced customisation features.

Action

The collection of trustworthy data and the production of indicators for Greek research activities is central to EKT's actions.
At www.ekt.gr/metrics visitors have open access to:
- Bibliometric indicators for Greek publications in international scientific journals
- National statistics for Research, Development & Innovation
- Intelligence Reports on the performance of Greek researchers, the geographic & subject field of excellence
- Interactive maps which illustrate research data and indicators for every Greek region
- Current Research Information Systems – CRIS

Resources

A significant part of the work was carried out within the Project "National Information System for Research and Technology / Social Networks-User Generated Content' - NISRT. NISRT is co-financed by Greece and the European Union – European Regional Development Fund [Operational Programme 'Digital Convergence', NSFR]

international
conferences

Supporting
the use of knowledge

to successfully sustain development in all sectors
of the economy, we foster interconnection not only between
academic, research and cultural organisations but also
with creative industries both nationally and internationally.

In our role as National Contact Point for the 7th Framework
Programme and Horizon 2020, and as co-ordinator for
Enterprise Europe Network – Hellas, we have developed
dynamic activities for the interconnection of communities,
the transfer and exchange of expertise, as well as
the networking and consolidation of strategic collaborations
with European and international knowledge networks.
Such activities include, for example, conferences
of international scope, which are organised in order to
disseminate innovation, foster the idea of open access
to knowledge and contribute to sustainable development.

Business Support on Your Doorstep

1.300 Bilateral Meetings
for business collaborations in Greece

On March 12th - 13th 2013, we at EKT had a major part to play in encouraging co-operation between Greek and foreign businesses by co-ordinating the international 'B2B Networking Event' in Athens for Enterprise Europe Network -Hellas. The event, an initiative of the Greek Government and the European Commission, took place within the framework of the 2-day workshop Development Strategy Europe 2020: forwarding Entrepreneurial Collaboration in Greece.

Attendance from national and international businesses surpassed our expectations with more than 300 Greek and 110 foreign businesses from 25 countries taking part. 1300 bilateral meetings took place in order to establish common ground for commercial, technological or research collaborations, to find new customers and suppliers as well as to discover new technologies and products.

Businesses that were represented came from a variety of sectors: the food industry 22%, ICT 22%, energy 18%, key enabling technologies 17%, the pharmaceutical industry and Health Sciences 11% and tourism 10%. The countries with the largest number of businesses participating were Germany Italy, Belgium, the UK and Cyprus, closely followed by Austria, Turkey, Poland and Bulgaria. Interest was so keen that, even though the meetings lasted from early morning until late evening, participants remained enthusiastic.

The welcome speeches for the event were given by the Vice President of the European Commission, Mr. Antonio Tajani and Dr. Joanna Drake, Director of Promotion of SMEs competitiveness at DG Enterprise and Industry, European Commission. They highlighted the need to promote entrepreneurship and to foster the outward-looking approach of SMEs.

410 businesses < **1.300** meetings > **25** countries

For information regarding current business collaboration opportunities, interested parties can find out more at:

www.enterprise-hellas.gr

Enterprise Europe Network-Hellas	2013
Requests for entrepreneurship and innovation fulfilled	318
Collection, assessment and dissemination of Greek collaboration profiles [technological, research, business] to EEN network countries	30
Dissemination of EU collaboration profiles [technological, research, business] to Greek organisations	106
Brokerage services	462
Company visits	45
Business and research collaboration agreements, following EKT's mediation	13

The role of
Enterprise Europe
Network - Hellas
in supporting businesses

| www.enterprise-hellas.gr

At a time when outward-looking approaches and internationalisation of businesses is considered to be the key to competitiveness and growth, at EKT, we provide an integrated set of services to support entrepreneurship, innovation and SMEs through

Enterprise Europe Network [EEN]. EEN is the largest network of integrated business support in the world, consisting of 600 local organisations in 54 countries in Europe, the Middle East, Asia and the USA, supporting more than 2,000,000 businesses every year in the areas of international trade, technological collaboration and access to funding.

In Greece, Enterprise Europe Network – Hellas is represented by 12 organisations from all over the country, with EKT acting as co-ordinator. These organisations have years of experience in providing for businesses and offers a whole range of support through its 'one-stop-shop' for:

- Access to European funding programmes and tools

- Access to international markets and requests for business collaboration

- Transfer of technology and know-how

- New European Union policies and regulations

- Business plans for and management of innovation

- Intellectual property rights

- Organisation of events, information days, workshops and training seminars

Over the last 6 years, the Greek network has organised or taken part in events of technology transfer and business missions, helping Greek businesses to conclude more than 400 international collaboration agreements.

For information about current opportunities regarding business collaborations, those interested can go to: **www.enterprise-hellas.gr**

Creativity Conference 2013: a two-day conference on innovative means of creative production that captivated the public

A rather unusual but extremely successful conference was hosted by our organisation on 30/9/13 and 1/10/13. It was entitled; 'Creativity: Innovative, Open and Economically Sustainable Models of Creative Production' and brought together people from a range of backgrounds including, academics, artists and active young entrepreneurs, all of whom influenced the event in their own particular way.

The conference's main aim was to promote new models of innovative creative production and entrepreneurship, which can develop from the successful collaboration between organisations from the scientific, technological and cultural sectors. Over the two days, the conference successfully presented a combination of the latest technological advances and current artistic production through new models of open creativity and the conditions they require.

> " The creative sector, such as the development of digital applications, architecture, design and the production of cultural content is no longer viewed with scepticism, as its contribution to the economic and social reconstruction is especially significant "

The first day focused on showing the productive power of the creative sector. Indicative of this is the development of digital applications and software, architecture, design, the production of cultural content, advertising and so on. From the great interest shown by the participants, it is clear that

200 participants ‹ **361** online viewers › **>40** speakers
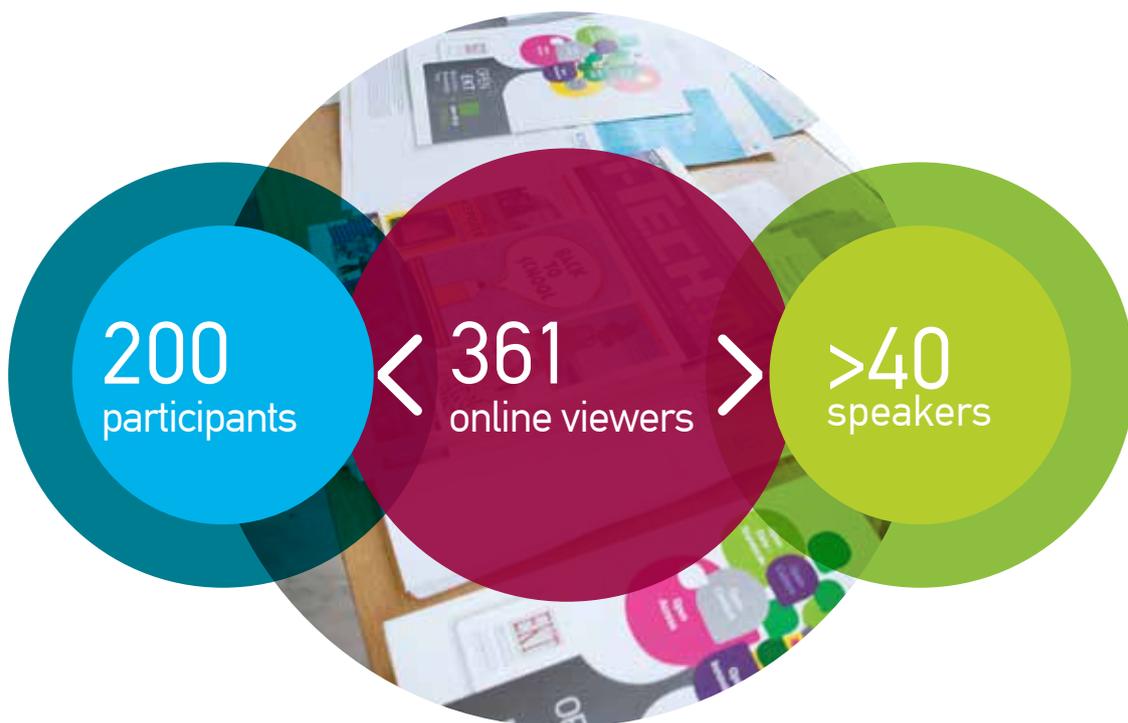
121 tweets / 26 mentions / 88 retweets / 16 favorites

30/9/13 Trending Topic on Twitter in Greece

48 facebook posts / 55 shares / 151 likes

creativity.ekt.gr

the creative industries are no longer viewed with scepticism. On the contrary, the potential of their contribution to economic and social reconstruction is recognised as being of great significance. Their importance as an example of production is even greater if we consider that, no matter what the form of production - self or mass-the creative industries depend primarily on co-operative models and open structures.

> " 'Open' as a tool for the development of a new scientific, business and cultural reality "

Trending topics, such as 3D printing, the adoption of new practices in production and education were practically analysed through three workshops which attracted much interest from and left a great impression on the public.

The significance of the prefix 'open' was in little doubt; participants concluded that access, data and information were all far more effective if 'open', while 'openness' to new funding models was essential in developing a new scientific, business and cultural reality.

The second day of the event was concerned more with the practical application of 'openness' to both art and entrepreneurship. 'Afresh', a group exhibit from the National Museum of Contemporary Art, along with works supported by EKT highlighted the role of 'commons' in modern times and the value of new sources of creation.

'AKTINA', an exhibit produced by City Index Lab and Energize, was set up in the courtyard of EKT and was particularly impressive. The exhibit, which was a standalone charging station for devices and bicycles, could satisfy the everyday needs of users of public spaces. 'AKTINA,' meaning 'ray', used solar power to generate electricity and , during the conference generated electricity for the 3D printer open hardware that was being demonstrated. The result was 'Parasol', the largest digitally constructed 'hat' in the world.

Discussions following the showing of two documentaries, one by Elias Marmara, the other by Matthias Fritsch, clearly indicated that there is a real need for the existing institutional framework of both Greece and countries generally to be amended so as to provide the best means to ease transition to a new era of creativity.

According to a number of successful entrepreneurs, the same need exists for new models of entrepreneurship to deal with the difficulties new businesses in Greece face.

The great participation from so many backgrounds provides the impetus for further such events in order not only to emphasise the role that creative industries play, but also to encourage their development.

The speakers' presentations and interviews as well as videos of the conference, can be searched for online by event or speaker at: **http://creativity.ekt.gr/el/event/2**

What does #open mean?

The method of producing intangible goods, whether it's a matter of an article in an encyclopedia, a computer program, a map or a musical piece, has changed radically over the last 10 years. Examples like Wikipedia, the operational system Linux, the Open Street Map and music platforms like SoundCloud, prove that production of cultural goods is increasingly open and participatory, using digital platforms and constantly reusing cultural data.

This model of collaborative production and reuse, extends dynamically to activities which, until now, were of limited openness: from venture funding through e platforms using a decentralised method, to e-governance, the effectiveness of which is now linked with the 'opening' of data.

This 'openness,' which we meet widely in the digital world, has a tremendous influence on traditional methods, especially in the way in which items of applied or fine arts are manufactured, whether by artists who are concerned with concepts such as reuse and ownership or designers who use 'open' material but also make designs openly available for reuse.

Initiatives, such as open Fabrication (openFab), are based on sharing collaborative spaces, where designing actually takes place as well as on the sharing of knowledge and finally, on the construction of original and functional 3D objects. These models depend on tools for managing intellectual property, such as open licenses, with the aim of facilitating rather than limiting access to digital goods.

What does
#creative industries mean?

The term 'creative industries 'covers the whole area of activities which are based on individual creativity, dexterity and talent and which have the potential of generating wealth and jobs through different models of acquisition and managing intellectual property. The European Creative Industry contributed about 560 million euro to the GDP of the 27 member states of the EU in 2008, that is 4.5% of the European GDP [EU27], with 8.5 million jobs in the EU.

Cultural industries, including applied and fine arts, audiovisual and music industries, fashion and photography, are often considered to be part of the creative industries, while museums, archives, art galleries and libraries are not.

We use the term creative industries and cultural industries as the same thing here, while education, research and science are complementary and are regarded as 'knowledge industries'.

We, as a knowledge-intensive organisation and with the institutional role of collecting, documenting, preserving and providing a unified point of access to reliable scientific and cultural knowledge in Greece, are developing infrastructures and services which support the creative industries and contribute to evidence – based policy making.

Open Access @ EKT -
Developing common European policies for innovative use of public and scientific information

Open Data and Open Access to publicly funded scientific information and Public Administration has come to stay. This was the overall conclusion of the well-attended, three-day International Conference 'Open Access @ EKT'- Towards Common European Policies for Innovative Reuse of Public Sector and Scientific Information' which we held 16-18 October in Athens. The conference was the third of a series of international conferences focusing on Open Access in scientific knowledge which have been held since 2008 at the NHRF – National Hellenic Research Foundation.

The conference was an opportunity for specialists in Open Access, representatives of organisations which are active in policy-making for research, researchers, students and all those interested in learning the latest developments with regard to Open Access in Greece and Europe to get together and share opinions.

> " Open data and Open Access to publicly funded scientific information in Public Administration have come to stay "

The speakers, who are renowned for their activities in the area of Open Access, included university representatives, researchers and public administrators from Greece, Europe and the USA. Maire Geoghegan - Quinn, European Commissioner for Research, Innovation and Science also addressed the conference via video. She emphasised on how essential Open Access to research results produced by European projects is. Octavi Quintana Trias, the Director of the European Research Area also referred to the importance of Open Access as did representatives of European organisations such as the European University Association, the League of European Research universities and Science Europe.

251 participants

529 online viewers
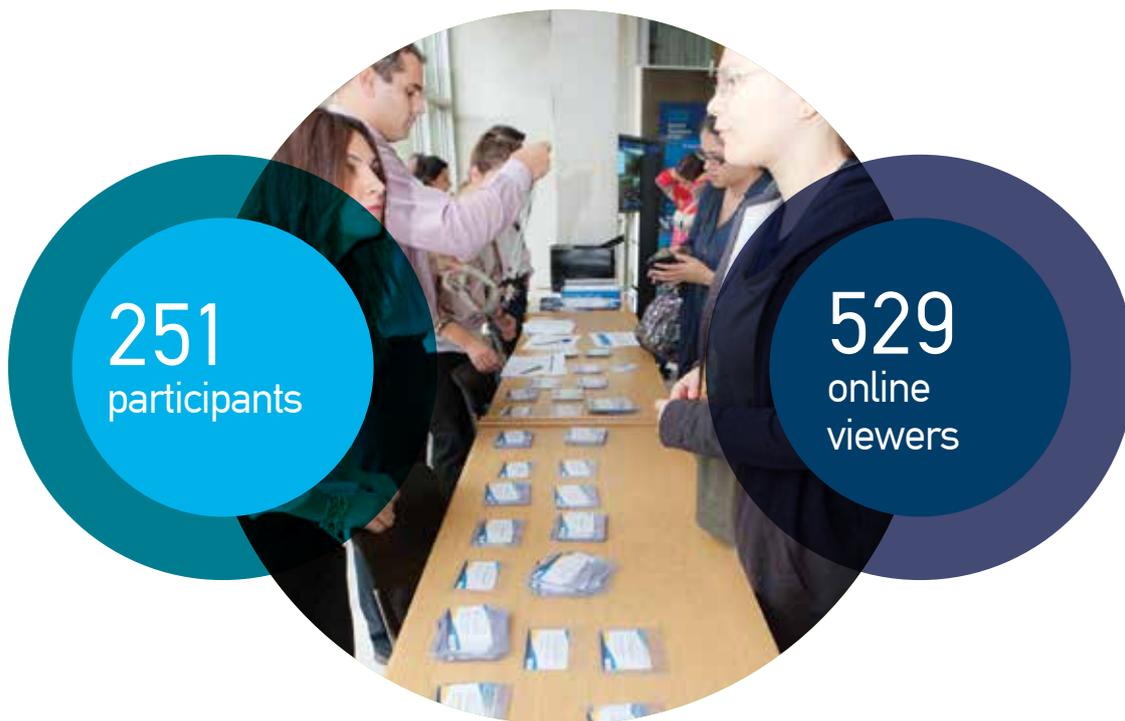
398 tweets / 578 retweets /
98 favorites / 12 discussions

18/10/13 Trending Topic on
Twitter in Greece

www.openaccess.gr/conference2013

The first day of the conference focused on domestic policies and examples of the use of open data. It was clear from the presentations and examples given that, in Greece as well as abroad, the political will exists to make evidence-based policies. To achieve this, every type of public open data- scientific, research, geo-spatial, economic and cultural -is essential in creating a knowledge-based economy and an intelligent country capable of participating on a larger scale.

Various key applications and uses of open data, many of which had been carried out during the previous twelve months, were presented. On an institutional level, these included crowdsourcing for the creation of open online services for the General Secretariat of Information Systems, the activities of the GFOSS in the area of open legal data as well as publicspending.net which records the exploitation of tax revenue on an international level.

The conference highlighted the economic dimension of open data. The multiple financial benefits that can be gained are exploited by the private sector, even if the legal issues which accompany the use of these data, such as protection of personal data and the lack of favourable regulations and a legal framework, inhibit their open accessibility.

" It is obligatory to have open access to publications of research results which are produced through European projects, especially within the framework of the Horizon 2020 programme, which is just beginning "

Maire Geogheghan-Quinn, EU Commissioner for Research, Innovation and Science.

The following two days of the conference focused on the development and implementation of Open Access policies in research, in accordance with the European Commission's policies. It was evident that open access to research results is now the prevailing trend on a European and international level, with important initiatives being implemented in all European countries, including Greece.

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The final event to be held as part of the Open Access Conference was MedOANet [www.medoanet.eu]. The main topic of discussion was the implementation of national policies concerning open access to scientific information in Mediterranean countries.

Guidelines for the development of open access policies have been written in 6 languages as part of the MedOANet project while best practices for funding and open access research have also been mapped. Discussion showed that although EU countries generally are actively adopting Open Access policies many differences in approach between member states and organisations exist.

The main conclusion of the conference was that the practice for public funding should be based on the principle 'all open' not 'all closed' but to achieve this, cultural attitudes need to change more dramatically.

More specifically, there is a need for acknowledging the contribution of the opening of information to the increase and the impact of scientific work, as well as to the democratisation of knowledge and the development of innovation.

EKT organized MedOANet conference in accordance with its institutional role to collect, disseminate and preserve scientific information which the country produces, so as to use and re-use this information.

The speakers' suggestions, videos of their talks, interviews and photos of the conference, are online at: **www.openaccess.gr/conference2013.**

EKT, the National Contact Point
for the "**Horizon2020**" programme

Horizon 2020, the new EU programme for Research and Innovation funding for the period 2014-2020 with a budget of 80 million Euros, aims to foster the global competitiveness of Europe. A priority is to use scientific accomplishments in innovative products and services which offer business opportunities and improve the quality of life of European citizens.

Having been the national contact point for competitive European research programmes for over 15 years, we will continue to provide services to the Greek academic, research and business sectors through Horizon 2020 as well.

The programme «Information Technology and Communication»
was presented during the one-day event we organised in Athens in November. The purpose of the programme is the development of the European capacity to form and control the future evolution of Information Technology and Communication according to the needs and requirements of the European community and economy.

The new calls of the European Research Council [ERC]
in the new programme Horizon 2020
for research and innovation in the EU were presented in the one-day event which was held in Athens on 9th December by EKT, as the national contact point for Horizon 2020. The event was organised in collaboration with the general Secretariat for Research and Technology with the support of the ERC

The working programme and the new calls for the Social Challenge
«Health, Demographic Change and Well-being» of Horizon 2020

for research and innovation in the EU were presented in Athens at the one-day event held on 20th December by EKT and the Pasteur Institute –national contact point for the programme as well.

Videos of the conference are available at ekt.gr/videos, while for further information about Horizon 2020 interested parties can send an email at horizon2020@ekt.gr.

EKT services as the National Contact Point

- Information & Advisory Services for proposals
- Helpdesk
- Production of informative material
- Organisation of events and seminars
- Identification of collaborators for the establishment of consortiums & common proposals' submission
- Recording of national participation, publication of statistics / output metrics
- Promotion of Open Access to research results

80 billion € for 2014-2020

www.ekt.gr/horizon2020

"Horizon 2020" focuses on three key areas

Excellent Science

- European Research Council*
- Future & Emerging Technologies*
- Marie Sklodowska-Curie Actions*
- Research infrastructures*

Industrial Leadership

- Leadership in enabling and industrial technologies*
- Access to risk finance*
- Innovation in SMEs

Societal Challenges

- Health, demographic change and wellbeing*
- Food security, sustainable agriculture and forestry, marine and maritime inland water research and the bioeconomy
- Secure, clean and efficient energy*
- Smart, green and integrated transport

- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world – inclusive, innovative and reflective societies*
- Secure societies – protecting freedom and security of Europe and its citizens

Horizontal Actions

Spreading excellence and widening participation

Science with and for society*

Nuclear energy research Euratom*

European Institute of Innovation & Technology

* *EKT / National Contact Point*

EKT
in numbers
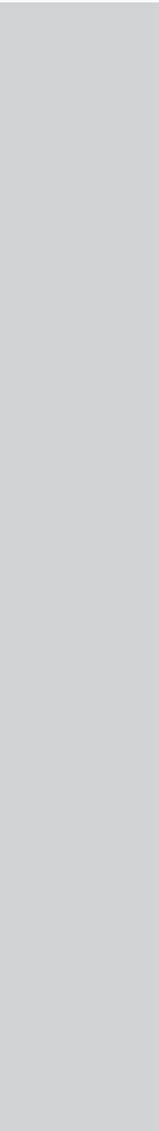
- online sites / websites
- services
- information & publicity
- e-infrastructure
- resources & potential

websites

15,22 TB
Volume of data downloaded by users

3.529.164
Visits

60.679.998
Webpage views

2.131.950
Unique visitors
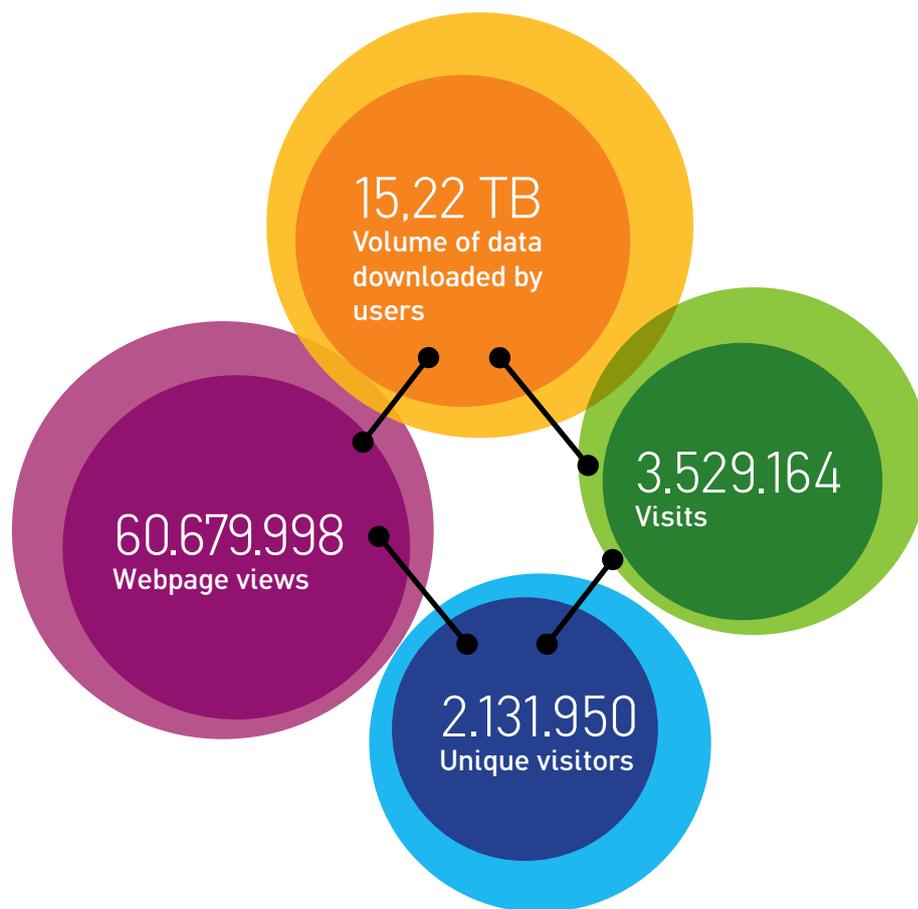
We develop and support a total of
60 different websites which host the activities,
the projects, the digital applications and the services which are provided
for the academic, research, business and cultural communities as well
as the general public of the country.

web.ekt.gr

The web directory web.ekt.gr, includes all the previously mentioned sites by category, each with a synopsis of its identification, making navigation easier. Digital repositories, e-publications, Research, Development and Innovation activities, digital library catalogues and European projects which are carried out at EKT, are directly accessible from one / a single access point, facilitating searches for research data and metadata, PhD Theses, books, studies, scientific publications, educational material, open software and audiovisual applications.

Web.ekt.gr is a user-friendly 'entry' to EKT's rich online world, facilitating Open Access to knowledge and reliable digital content produced by Greek cultural, scientific and research communities

EKT web sites

2013	Unique visits	Visits	Views
▶ openarchives.gr	669.089	**915.224**	4.102.314
▶ didaktorika.gr	465.011	**631.802**	5.806.179
▶ ekt.gr	253.243	**465.544**	1.658.511
▶ repository.edulll.gr	210.062	**251.953**	663.175
▶ ekt.gr/research	137.190	**282.370**	870.019
▶ openaccess.gr	115.654	**245.585**	732.287
▶ helios-eie.ekt.gr	85.843	**105.757**	326.413
▶ pandektis.ekt.gr	69.827	**89.134**	527.435
▶ parthenonfrieze.gr	60.150	**78.840**	259.930
▶ deltionchae.org	59.805	**85.370**	326.170
▶ argo.ekt.gr	57.603	**98.282**	1.001.566
▶ byzsym.org	56.481	**98.539**	378.568
▶ medit-mar-sc.net	37.071	**62.654**	419.525
▶ enterprise-hellas.gr	34.398	**68.671**	430.398
▶ epset.gr	32.402	**55.918**	133.187
▶ eskep.ekt.gr	25.125	**65.440**	1.176.492
▶ epublishing.ekt.gr	20.765	**27.674**	212.952
▶ repository.acropolis-education.gr	18.432	**22.859**	99.261
▶ metrics.ekt.gr	16.745	**27.634**	505.638
▶ historeinonline.org	20.201	**36.728**	131.873

services

Our strategy at EKT –
the National Documentation Centre

As mentioned on page 9 of this publication, our strategy has 3 axes:

A | e-content

B | Metrics & evidence-based policies

C | Knowledge transfer & exploitation

The table which follows presents the main services which are available today. The services are listed according to the axis of priority and are accompanied by individual activities, as well as indicators for the results 2013.

Service	User Communities	Indicators 2013		OnlineTraffic 2013		
				Unique visitors	Visits	Page Views

A e-Content

1 S&T Library "K.Th. Dimaras" Mediated services

Service	Indicators 2013	
Mediated document delivery services and Interlibrary Loans (articles, proceedings. PhDs, books)		5.503 requests
On site access to digital scientific content (scientific journals, databases, catalogues, ebooks)	656 new registered users	227 information sources
Mediated Citation Index services & other bibliometric indices, for the members of Research & Academic Community		106 requests
Help desk for Library reference and information questions		17.419 questions
Electronic Reading Room: infrastructure and support for access to the content of the Digital S&T Library	182 new members	20 desks
Training seminars for library user groups having interest in specific information systems		424 new attendants
Access to Web of Science Data Base for Greek bodies	113.584 searches	35 bodies*

Service	User Communities	Indicators 2013	OnlineTraffic 2013		
			Unique visitors	Visits	Page Views
2 WiFi broadband services and users support		8.827 users			
		13 504 connections			
		40.74 Tb inbound/ 3.06 Tb outbound			
3 ARGO platform | argo.ekt.gr					
Web access to bibliographic databases and national/ international catalogues		97 data bases	57.603	98.282	1.001.566
4 National Archive of PhD Theses | www.didaktorika.gr					
Enhanced digital services (Fulltext Downloads, Express-of-interest for the digitisation prioritisation, digitisation-on-demand, fulltext Read-Online)		1.498 new Phd docs/ 31.168 in total* / 60.643 downloads / 439.263 online readings	465.011	631.802	5.806.179
Electronic helpdesk for the support of the doctorate holders and the users of the National Archive of the PhD Theses (helpdesk.didaktorika.gr)		20.688 registered users			
5 ePublishing | epublishing.ekt.gr					
Services to Greek publishers for journals, books and proceedings, including: hosting, journal platform, advising on policies and processes, metadata processing, indexing, Digital Object Identifiers, training, dissemination		4 new ejournals/ 14 in total / 5 new books/ 14 in total	44.263	64.802	

* Since the launch of the Service

User Communities: Academic & Scientific Community   Libraries   Industrial & Business Sector   Public sector & Policy Makers   Wide public

Service	User Communities	Indicators 2013			OnlineTraffic 2013		
					Unique visitors	Visits	Page Viewsr
ePublishing Platform - Single access point to all open content of ePublishing		3.000 articles	14 ebooks	43 e-proceedings	14.179	21.675	
6 openarchives.gr							
National aggregator of scientific and cultural content		66 collections*	450.000 records*	48 bodies*	668.089	915.224	4.102.314
7 Repository Services							
Repository Services to scientific and cultural bodies for the management, preservation & dissemination of their digital content		14 digital repositories*	47.000 files*		419.604	597.874	2.974.330
**8 National Union Catalogue of Scientific Serials of the Greek Scientific and Technological Libraries	eskep.ekt.gr**							
Development, database update and maintenance of the National Union Catalogue of S&T Serials		31.000 new bibliographic records/ 50.533 in total	4 new Library Members/ 213 in total		25.125	65.440	1.176.492
9 Coordination and support of the National Network of Scientific & Technological Libraries (NNSTL)							
Central Document delivery system service of the National Network of Scientific and Technological Libraries (NNSTL)		5.360 new requests	4 new libraries/ 145 in total				

Service	User Communities	Indicators 2013	OnlineTraffic 2013 Unique visitors	Visits	Page Views
10 ABEKT Library Automation & Data Management System | abekt.gr					
ABEKT Service Delivery		312 new users/ 2.846 in total	6.887	9.947	53.337
Support of "ABEKT" users – e Helpdesk		942 new e-requests/ 5.081 in total — 25.521 requests in total since 1999*			
E - learning services to ABEKT users through «ABEKT e-learning» platform		143 new people trained/ 841 in total			
B METRICS & Evidence Based Policies					
11 Official RDI statistics					
Production of National Official Statistics for R&D in Greece		GBAORD 2008 -2013 Indicators R&D 2011 & 2012			
12 Bibliometric analysis of greek publications in international scientific journals					
Series of Publications on bibliometric analyses of Greek publications in international scientific journals		5 Publications* — 11.310 downloads*	5.325*	7.700*	63.076*
13 Intelligence Reports on Greek research activity					
Publishing of Intelligence Reports on Greek participation in the 7th Framework Programme		4 Intelligence Reports			

* Since the launch of the Service

User Communities: ● Academic & Scientific Community ▣ Libraries ▦ Industrial & Business Sector ▥ Public sector & Policy Makers ⵜ Wide public

Service	User Communities	Indicators 2013	OnlineTraffic 2013		
			Unique visitors	Visits	Page Views
C Knowledge Transfer & Exploitation					
14 SMEs support through the European Enterprise Network, the "one-stop shop for all business needs of European industry" | www.enterprise-hellas.gr					
Information days, workshops, seminars	[icons]	13 events			
Technology audits	[icons]	14 audits			
Technology matching & Consultancy, Signposting	[icons]	303 matchings			
Dissemination of EU collaboration profiles (technological, research, business) to Greek organisations	[icons]	106 profiles			
Collection, assessment and dissemination of Greek collaboration profiles (technological, research, business) to EEN network countries	[icons]	30 profiles			
Assistance in the establishment of International Partnership Agreements (transnational partnerships between Greek and EU companies/organizations on R&D, technology transfer and business)	[icons]	13 agreements			
Company visits	[icons]	45 visits			
Brokerage services (customised services, participation/ organization of international brokerage events and company missions)	[icons]	15 meetings			
Publishing of international sector-oriented e-newsletters including S&T information	[icons]	30 issues			
Advisory and coaching services to SMEs and other local actors to identify funding opportunities.	[icons]	462 requests			

* Since the launch of the Service

User Communities: [icon] Academic & Scientific Community   [icon] Libraries   [icon] Industrial & Business Sector   [icon] Public sector & Policy Makers   [icon] Wide public

Service	User Communities	Indicators 2013	OnlineTraffic 2013		
			Unique visitors	Visits	Page Views
15 National Contact Point for FP7: Advisory and individual assistance services for the programmes: IDEAS – ERC, COOPERATION - ICT, Energy, SSH, CAPACITIES- Research Infrastructures, Regions of Knowledge, Research Potential | www.ekt.gr/fp7					
Information days, workshops, seminars, bilateral meetings International Partner Searches for Consortia Building		12 events			
International Partner Searches for Consortia Building		114 researches			
Assistance to proposal submission		64 proposals			
Assistance to project implementation		25 projects			
Publication of intelligence reports & e-newsletters per programme		12 publications			
e Helpdesk		614 requests			
16 Communication & Publicity					
Distribution of the periodical "Innovation, Research & Techology" (www.ekt.gr/kainotomia)		4 issues/ 93 in total	5.000 subscribers in total		
Distribution of the eNewsletter "Innovation & Research" (www.ekt.gr/enewsletter)		24 issues/ 258 in total	8.000 subscribers/ 16.000 in total		
EKT provides S&T information through social media		706 facebook posts *	tweets 1.108*	32 new Youtube videos/ 38 in total/ 3.000 views	1.568 facebook likes/ 2.915 in total	345 twitter followers/ 1.257 in total

information
&
publicity

12 Press Releases /
957 articles republished

EKT **and social networks**

f **t** **You Tube** **/EKTgr**

2012 **+** 2013

f

706 facebook posts / 2.915 likes

t

1.108 tweets / 1.257 followers

You Tube

36 Youtube videos / 3.000 views

KAINO TOMIA
EPEYNA **&** TEXNOΛOΓIA

Quarterly Magazine
"Innovation, Research & Technology"

4 new issues in 2013
93 issues since 1996
5.000 recipients
www.ekt.gr/**kainotomia**

eNewsletter
"Research & Innovation"

24 new issues in 2013
258 issues since 2002
16.000 recipients

www.ekt.gr/**enewsletter**

e-infrastructure

From documentation
to semantic representation

The concept and practice of documentation is radically changing in the 21st century. From an area which interested few, it has developed into a 'multi-tool' for all knowledge intensive industries. As we move forward in this era of the semantic web and the internet of things, semantic representation and linking are becoming the basic information infrastructure for all aspects of society, industry, education, research and economic activities.

From social networks to control of industrial production, digital educational resources and the production of new knowledge, semantic representation ensures the creation of digital content which is discoverable, manageable and reusable.

So as to remain at the height of technological evolution, our role has had to change. We have achieved this by developing a horizontal electronic infrastructure for the production, diffusion and use of knowledge. Typically, this has meant the adoption of open standards and software at all levels of infrastructure, as well as applying Green IT to ensure perpetual preservation and low environmental costs.

Computer Aided Services · Standalone E-Services · Web Services · Software as a Service · Cloud Services

Digital Repositories

ABEKT Digital Libraries and Data Management

Content Aggregation Infrastructures

Interoperability Validation

E-publishing platform

Bibliometric Indicators Software Platform

CRIS Current Research Information Systems

SaaS / Cloud

e-Services

E-infrastructure for Library Conferences & Teleconferences

Public access to wireless broadband

- Free online access for library users and visitors to National Hellenic Research Foundation

- Electronic Reading room with 20 work stations,in the Science & Technology library K.Th.Dimaras ',

- for access to sources of scientific information using smart cards

- Live streaming & video on demand for events which take place in the amphitheatre [conferences, symposiums, workshops].Videos of events of EKT are available online at www.ekt.gr/videos

- Training room / hall, fully equipped for teleconferences

EKT's e-infrastructure comprises:

Datacenter

With usable Datacenter space of over 100 square meters and an emergency generator power supply of 550KVA.

It features extensive Green IT facilities, such as a Cold Isle Containment system and an automated system for monitoring, logging and improving the Power Usage Effectiveness (PUE) of the Datacenter.

Virtualisation platform

201 servers in total, of which 152 are virtual servers for minimizing financial and environmental resources used.

Physical systems

- 49 enterprise grade x86 servers,
- 3 Storage Area Networks with 86Tb capacity
- one Free Open Source Software Cloud based storage system, with 36Tb capacity, based on commodity hardware
- tape library based backup systems with over 120Tb of capacity

Operations support systems:

monitoring, management and control in real time for 2.310 parameters with remote alerting in a 24/7/365 basis.

High availability / scalability clusters

- High availability/scalability clusters of infrastructure software such as application servers, data base servers and the web frontend, based on Free and Open Source Software (FOSS) systems
- Server clusters for caching and automated high throughput digital processing clause
- High throughput digitalization postprocessing software and cluster

Software development and operations management and procedures

DevOps paradigm employed with automated systems for tasks automation, orchestration and configuration management.

A full staging environment with code version management, issue tracking and continuous delivery tools extensively used.

with

Flexibility and minimized Total Cost of Ownership

Utilizing and developing FOSS where possible, in order to provide scalable services without software licensing fees.

- Virtualization and Cloud computing:
  - Minimize development and operational costs
  - Transparent to underlying physical infrastructure
- Employ Green IT principles:
  - Minimize energy costs and environmental footprint
  - Green IT principles applied both at the virtualization and the Datacenter layers

Control and security of the e-infrastructure

- Automated control, monitoring and management
- Sound procedures in place for software development and e-infrastructure operation

resources
&
personnel

Level
of Education/
Personnel 20**13**

9%

Secondary Education

62%

Postgraduate/
Masters – PhD

29%

University Degree
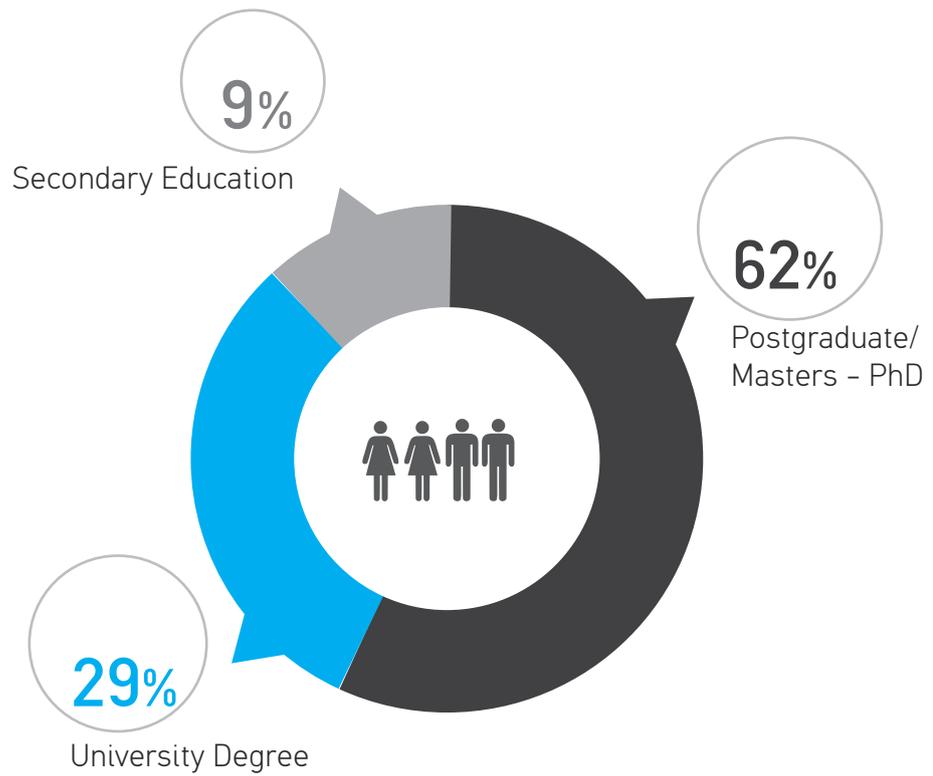
Human Resources 2013

Personnel per work classifications

Special Functional Personnel	9
Scientific Personnel	78
Technical Personnel	11
Administration & Support Personnel	10
Total	108

Personnel per type of contract

Personnel under permanent contract	42
Personnel under fixed-term contract	4
Personnel under contracts of specific project assignments	62

Experts	6

Personnel per gender

53 Women   55 Men

Personnel per level of education

PhD holder	16
Master/Postgraduate diploma holders	51
University graduates	31
Secondary education graduates	10

Funding
Resources 2013

9%
Rendering Services

26%
European Projects /
NSRF Projects

resources

43%
Regular Funding

22%
Other EU resources + matching funds

14%
Operational Expenses

10%
Subscription Fees
& Scientific Content Services

2%
Infrastructures

8%
Buying 3rd party services

Expenses

33%
Payment of regular personnel

33%
Fees for collaborators
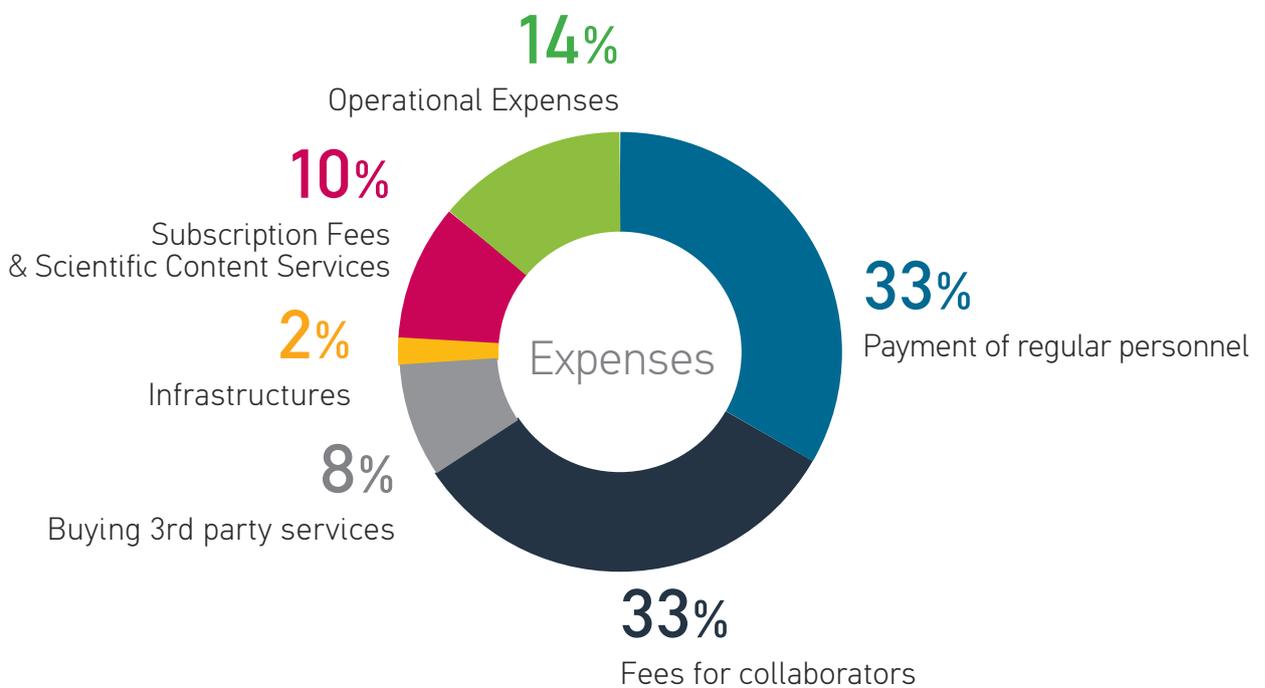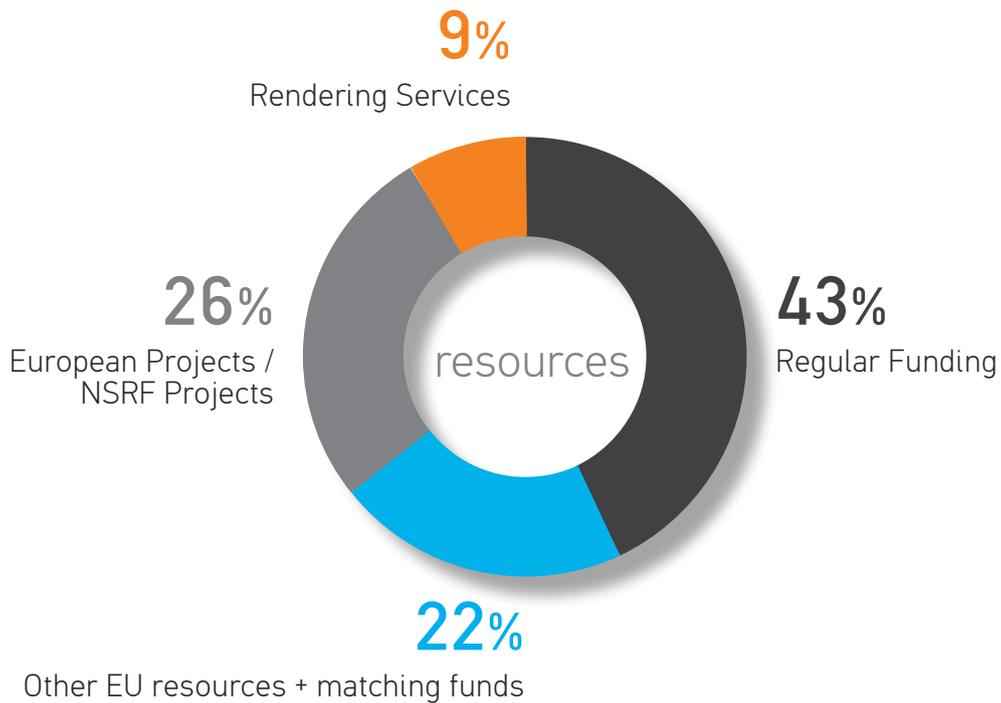
2014 - 2015
priorities

The action plan for 2014-2015 is significant for several reasons: it marks the end of the programming period 2007-2013 and the beginning of the 2014 -2020 period; it is in the middle of the 'Europe' 2020 period and, finally, it is the beginning of the national plan 2014-2020 for Greece. Understandably, careful programming for our activities this year is crucial, not only because of the aforementioned, but also because of the need the country has to rekindle its economy in a way that will benefit as many areas as possible, especially in the creation of new jobs and in keeping the brightest and the smartest from leaving Greece. The real economic benefit of 'knowledge' is what national and European policies are aiming at and, as such, has a direct influence on our strategic priorities at EKT.

Main characteristics

By coordinating our three core strategic axis, we aim to encourage organisations and businesses which conduct research to be innovative, so as to make a meaningful contribution to balanced and sustainable development.

Access to reliable sources of knowledge, the metrics based on the functioning, development and innovation of national and international research ecosystems, have become central to European development policies. In such a climate, strengthening the socio-economic impact of research along with its transfer and competent use has become the central strategy for sustainable and inclusive development. The development of knowledge capital and the integration of Greek businesses into value chains is the only way to increase competitiveness without the continuous reduction of salaries.

Our role in this knowledge ecosystem is to provide the electronic infrastructure, tools, sources and services so that organisations doing research as well as innovative businesses can be included in an international value chain, produce, guarantee and use their knowledge capital.

Having carried out this role for a length of time now, we have a consistent strategy, which is based on three core principles:

a) Qualitative and quantitative improvement of reliable e content, with emphasis on its availability for reuse through different various value chains

b) Production of trustworthy indicators for research, technology, development and innovation and evidence-based policy making

c) Knowledge transfer and exploitation, reinforcing of innovation for a balanced, sustainable and inclusive development, with the emphasis on outward-looking approaches and the production of reliable information in innovative businesses.

Main Priorities

The implementation of the above core activities can be accelerated by adopting basic guidelines and encouraging the compliance with trends which are typical of the equivalent European and international policies and practices.

By doing this, our **overall aim is to guarantee good practices in the managing and disseminating of quality knowledge via digital services**.

i | understanding and creating
value chains for the three priority axes

- 'Value chains' describe the full range of activities which are required in order to bring a product or a service to a consumer. This includes activities such as initial concept, design, resources, production and support for the end user. Today, most value chains are global as they are of a cross-border nature. As it is crucial for every value chain to be outward-looking, and of a certain range and value, we seek to establish value chains which relate to our services and to contribute effectively, as much to the creation of new value, as to the intensity of the production of value within the existing chains, through the best use of relevant knowledge capital.

- Due to the nature of knowledge as a non-competitive and public good [in its economic meaning] the use of which does not lead to its exhaustion, EKT seeks to establish value chains which foster reuse of knowledge creating a virtuous cycle. A virtuous cycle allows the propagation, the deepening and the expansion of knowledge capital through the reuse of knowledge and the fostering of its innovative use. We develop open access and open data activities, aiming to strengthen such virtuous cycles and provide value for multiple recipients of knowledge capital, for example through open e-publishing editions or providing open research data.

- • The value chains of importance to us are those with valuable data. They are chains related to the production, clearance, enrichment, perpetual preservation, dissemination and reuse of data. We work mainly in the area of research and cultural data, but as the value of the data increases exponentially in regard to their recombination possibilities and because research, to a great extent, depends on data which are produced by public organisations, we have a particular interest in creating appropriate institutional and other prerequisites for easy access to public data which is crucial for researchers.

In 2014-2015 , we aim to make our positioning in international chains better and clearer and, through our services, enable the positioning of third parties in value chains of their interest.

ii | creating knowledge capital

- the creation of value chains in a society and economy based on information prerequires the existence, management and exploitation of knowledge capital or capital based on knowledge [Knowledge Based Capital (KBC)]. The distinction between knowledge and knowledge capital lies, to a great degree, in the fact that the latter can be identified autonomously or named, measured and exchanged. The basic tool of management, exploitation and finally expansion of Knowledge Capital is consolidation and exploitation of knowledge through the various forms of intellectual property, measuring, indicators and records.

- At EKT, we play an active role in all of these three areas, with the emphasis on reinforcing creativity and innovation, measuring of knowledge capital and the increase in the organisational and entrepreneurial abilities of SMEs as well as their innovative activities through the activities of Enterprise Europe Network.

The aim for 2014-2015 is to strengthen the whole range of activities which allow the expansion of our Knowledge Capital at EKT, as well as provide the services which enable third parties to expand their own Knowledge Capital.

iii | data-centred approach

- the production, management and reuse of data plays a crucial role in creating value chains both in the form of raw data and indicators which can help participants in a value chain to maximise the benefits they get from participating.

Priorities for 2014-2015

- to improve the controlled flow and sharing of data within our services
- to increase third party access to further use of data provided by our services [eg open archives, Call 31, SaaS, OpenABEKT]
- to improve the quality of data collected, aggregated and disseminated by us via activities on standardisation, education and training
- to improve the organisational skills of bodies producing data using our services, as well as the wider ecosystem within which they are integrated
- to reinforce the institutional framework and formation of policies for data reuse from organisations producing data for research and cultural content
- to increase the outward-looking character of publications with RDI data and to improve procedures for the collection, quality control, recording and reuse of relevant data
- to create a virtuous circle between public and research/ cultural data.

iv | e-infrastructures and software as a service

- The creation of strong value chains requires a basic e-infrastructure to enable organisations to develop knowledge capital and services in order to facilitate their integration into global value chains.

- We act as a hub for data flows – some of which terminate here whereas others begin. These flows need to increase in quantity and improve in quality.

Priorities for 2014-2015 are

- the completion of the SaaS services for repositories and e-library systems OpenABEKT

- the extension and further development of our open e -publishing service

- the completion of our single sign in 'infrastructure'

- the further development of our web services and linking services for third parties with our data-centred systems, creating stable loose coupling with our infrastructures in particular.

  - National Archive of Greek PhD Theses

  - Bibliographic data

  - Registries [for researchers – businesses]

  - Open archives, Call 31 of the Operational Programme 'Digital Convergence'

  - Current Research Information Systems [CRIS]

  - Systems for measuring RDI indicators

- Determining our relationship with the wider data ecosystem and their infrastructures [research and public], both horizontally [in relation to data infrastructure] and vertically [in relation to basic level infrastructure, like the Cloud infrastructure of GRNET

V | impact directed research

- A better comprehension of the impact of research on more than one field, social and economic, is a prerequisite for the best, most effective and profitable research. Taking into account the exceptionally difficult economic conditions which our country is experiencing and the associated cultural consequences, research and innovation need to target those specific socio-economic conditions and not just follow general European and international strategies. It is for this reason that research impact as well as its measurement and its dissemination in the research community are basic for research which can lead to balanced and inclusive development.

- Research, Technology, Development and Innovation impact indicators, which we produce, are critical to creating a real idea of the impact that Greek research has in international value chains.

Our priorities for 2014-2015 are:

- The clarification of the repercussions for the Greek environment

- The production of statistics and indicators for organisations which carry out research in order to understand the impact of their work

- The fostering of public discussion of impact-oriented research

vi | the establishment and functioning of online collaboration

- The creation of online collaborations with organisations which find themselves included at different points of value chains strengthens the stable loose coupling and allows the orderly development of co operations.

- We have made more than 100 such agreements which function within the framework of the services we provide, creating an extensive network of partnerships which reinforce the value chains.

Our priorities for 2014-2015 are:

- To implement all the frameworks of collaboration which we have made with cultural research organisations

- The creation of at least 10 new collaborative frameworks with regard to our SaaS services

- The further development of a model for collaborative frameworks

vii | the use of open as a means of development

- The concept of 'open' covers a whole range of activities from open software and content, to open data, hardware services, fabrication and innovation. There are a number of differences between these meanings, as the one does not necessarily imply the other. However, their whole reflects a new model of production which is decentralised, relatively equal and with fewer limitations on access and reuse of knowledge.

- We, at EKT, are at the forefront of open, in both the Greek and European environment because it is a means by which real contributions to development can be achieved, especially in the Greek context. This is mainly due to the fact that open means a] less or no dependence on a third party technology for which licensing fees would need to be paid b] real access and the possibility of intervention in the same technology or data and thus development of local capability c] access to global value chains through participation in global communities and the dissemination of services through the respective networks.

Our priorities for 2014-2015 include

- The expansion of our activities within European and international initiatives or projects connected to openness.

- The delivery of clear proposals for the linking of open with the production of value in the knowledge ecosystem for the Greek environment

- The support and reinforcement of the Greek business ecosystem producing value with regard open

- The increase in skills and maturity of the Greek openness ecosystem, especially collaboration with GFOSS.

viii | emphasis on smart regional and local development as part of the global network

- The carrying out of our developmental priorities via supported activities which are related to the dissemination and use of knowledge are important not only at a national but also at a regional and local level. Our aim is to strengthen global value chains with regional and local participants as producers of value, not just consumers. This is possible through activities which take into account the particular strengths of regional areas and reinforce the use of data and knowledge in general in the city or town. All of the facts mentioned above, from data-centred strategy to an image in metrics of research and innovative activities, strengthen the increase in impact on a local and regional level and cultivate smart activities.

- The very fact that our organisation is located in the centre of Athens allows us to contribute to specific sectors and to interact with various intellectual and cultural aspects

Our priorities for 2014-2015 are

• To become the hub for open innovation and creativity for Athens

• To strengthen respective activities in regional areas

• To strengthen activities which accelerate entrepreneurship, through metrics, outward-looking policies and the use of knowledge capital which is already available

ix | positioning of our activities in the wider policy environment – national, European and international

• From all the above, it is clear that we play a central role in value chains with reliable knowledge for Greek content and can contribute dynamically to the integrating of European and international policies into the Greek environment.

• This is possible through the use of statistics in establishing evidence-based policies, as well as linking public data with research results and vice-versa.

• In addition, this is possible, through the creation of publications dedicated to the better understanding of international and national policies which support the creation of value chains and make use of metrics and indicators which we collect and produce.

Our priorities for 2014-2015 are the following

• Creating publications for policies on the subject of value chains and the development of knowledge capital in Greece

• Collaboration with reputable organisations for the development of knowledge capital in Greece

• Fostering evidence-based policies in Greece.

Digital
Content

Digital content lies at the heart of every knowledge value chain and, for that reason is a fundamental pillar of our activities. It includes not only high-quality digital content but also different types of data.

With regard to digital content, we work to support the organisations producing, as open as possible, content for further dissemination and reuse, in order to maximise the value flows which result. For that purpose, we use e-infrastructures of high quality and a broad general scale which have been developed by using a series of national and European programmes.

Our specific priorities in this core area concern

- Providing support services for the deposit, documentation, safe preservation and dissemination for reuse of reliable digital content [data and metadata], in accordance with European and international standards

- Providing services to cultural organisations for the improvement of the document quality of their content, its dissemination with interoperable means, long term preservation and potential reuse, as well as the promotion of Greek cultural heritage

- Highlighting our organisation as a pioneer in the sector of digital content for libraries and the central point of access to reliable Greek digital content

- The encouraging of the use of digital content in education, culture, research and entrepreneurship.

- Establishing ourselves as the organisation for perpetual preservation of digital content in Greece.

- Upgrading the digital content of the Scientific and Technological Library

- Support, with content and services, in the area of knowledge where there is data uniqueness, advantages and significant effects, on an economic, scientific and social level.

- Establishing ourselves as the largest co-publisher of electronic scientific publications of open access.

- Metrics for the progress of our activities in the sector of digital content and upgrading of the quality

- Sustainable and safe e-infrastructure for all of our services and support for the operation of the activities.
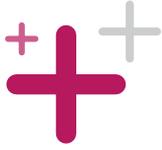
Metrics & Evidence-based Policies

The strategy for this core area involves the collection of metric data in accordance with accepted international methodologies and their processing in order to establish indicators for Research, Technology, Development and Innovation. At the same time, using access to a significant amount of secondary bibliometric data and data regarding Greek participation in European programmes, we produce indicators to create an image of Greek scientific and research activities.

Our priorities for this core area target

- Establishing ourselves as the reference point in Greece for the provision of trustworthy research, technology, development and innovation data and the carrying out of scientific activities for research and innovation policies

- Contributing, on an international level, to the development of the scientific development of policies for science, creativity and innovation

- Support for the Greek Research,Technology, Development and Innovation system with established indicators, so as to give a picture of the country, to make the comparison with other European countries and the members of OECD possible and to support Research, Technology, Development and Innovation policies based on verifiable data. [Reg 995/2012]

- Development, operation and consolidation of our CRIS infrastructure

- Contributing to the creation of networked culture for the understanding and promoting of evidence-based policies on Research,Technology, Development and Innovation.

Transfer and use of knowledge for innovative and sustainable development

Our third core area of activity completes and integrates elements from the first two areas in as much as it helps Greek businesses to be outward-looking and supports the transfer and use of reliable knowledge which is produced in Greece. The operation of this includes general information activities, networking, expert advisory services and the provision of expertise, with the aim of strengthening business activities which depend on or use innovation.

Our priorities

- Support national and international knowledge intensive networks

- Establish ourselves as the hub for the provision of transfer and use of knowledge services in sectors such as Energy, Health, ICT, Environment, Cultural and Creative Industries

- Highlighting our organisation as the recognised organisaiton for the provision of support, material and training in the area of intellectual property and open licensing fees with the aim of transferring and reusing knowledg

- Innovative online services using our, EKT's, knowledge

Appendix

Development & Research Projects

EKT actively participates in a large number of development and research projects which are funded by national and European programmes.

Research & Development projects - Greek funding	2
Research & Development projects - European funding	16
• EKT as Co-ordinator	4
• EKT as Partner	12

SUBJECT FIELDS: Digital Content, Open Access, ICT, Research Infrastructures, Entrepreneurship and Innovation, Health, Food, Socio-Economic Sciences and the Humanities, Libraries, Energy, Research and Regional Development, Gender Equality in research, Creative Industries

Projects funded
by National Programmes

«National Information System
for Research and Technology /
Social Networks - User Generated Content»

www.epset.gr

Duration: 2011 - 2015

Funding body: European Operational Programme 'Digital Convergence'

Subject field:
Digital Content, Digital Content Services, Information and Communications Technologies, e-infrastructures

EKT's role: Beneficiary

Aim: The project's objective is the expansion and further development of the national e-infrastructure of NISRT by integrating new Information and Communications Technologies and models of dissemination of content which converges with the international reality of present-day academia and research and, more broadly, supports research, education and life-long learning. The central goals are the reinforcement of the quality of research and communication in academic and scientific areas, the support of open access to research results and the highlighting of potential general use and reuse of scientific and cultural digital content. The approach adopted is based on the accumulation of scientific and cultural content, its active distribution and co-development by its users - user generated content - using social networks and open access infrastructures which already exist but which need to be further extended.

Results: The new information systems and tools which are being developed, in combination with the collection and dissemination of important new cultural content, provides upgraded electronic services in the following key areas:

1. e-services for digital libraries
2. Social networking and content services
3. Services for development of electronic research tools
4. Repository services
5. e-publishing services
6. Services for documenting, validating and organising research activities

A Platform for the Deposit, Management and Delivery of Open Metadata and Digital Content

www.epset.gr/en/SaaS_Services

Duration: 2011 - 2015

Funding body: Operational Programme ' Digital Convergence'

Subject field: Technology Information and Communication - ITC, Research Infrastructures

EKT's role: Beneficiary

Aim: The aim of the project is to create a modern open environment, integrated within the advanced e-infrastructure of EKT, for the provision of Cloud Services for open digital content, which will be supplied as a complete software service - Software as a Service [SaaS]. These services support the creation of public digital repositories. They also support the organisation of libraries, available to a large number of organisations, in order to ensure the dissemination and accessibility of high value open documents of public data to a wider community.

The services will be provided, through EKT's infrastructure, to a great number of organisations in order for them to organise or provide their metadata and the digital content that they produce. The software services will include: electronic support (e-helpdesk); distance learning (e-learning); and web support tools (video instructions, toolkits etc). For the success of the venture it is foreseen that activities for the creation of communities, comprised of the bodies involved in its implementation, will take place.

Results: Horizontal interventions on a wide scale characterise the project services for a large number of organisations of public interest, such as libraries, museums, research centres, public administration organisations, cultural organisations, historical archives and other organisations that produce and manage appropriate content and metadata. In the modern Knowledge Society, it is imperative that this content is provided in digital form in a way which is searchable, accessible and reusable by the general public.

At EKT, one central environment with advanced characteristics provides Cloud Services for the organisation, dissemination, and preservation of metadata and content. The function of this central environment ensures the sustainability and compatibility with the adopted national strategies for the dissemination of open public data. In addition it ensures interoperability with platforms of central Cloud storing, support for established content and metadata organisation standards as well as the immediate integration of emerging standards and advanced functions for the preservation of the hosted data. Simultaneously, it introduces important economies of scale, reducing the operational cost of the organisations – users.

Projects funded
by **European Programmes**

Enterprise Europe Network - Hellas

www.enterprise-hellas.gr

Duration: 2008 - 2014

Funding body: European Commission [DG Enterprise and Industry]

Subject field: Entrepreneurship & Innovation

EKT"s role: Co-ordinator [2008-2010], Partner [2011-2013], Co-ordinator [2013-2014]

Aim: The strengthening of competitiveness and innovation, especially in relation to SMEs, is central to European Union policy. Enterprise Europe Network is the central planner and conductor of relevant policies. This is a particularly ambitious but concerted effort which aims to consolidate and complete a wide range of value-added services for SMEs using the concept of "one-stop-shop" and under the guise of a unique organisational mechanism-network. The network is comprised of 600 organisations from more than 40 countries, which include other than the 27 member-states, the candidate countries [Croatia, FYROM, Turkey], the members of the European Economic Zone, as well as third countries [eg from the West Balkans, Russia, Armenia, U.S.A., Egypt and others].

The Greek hub of EEN [Enterprise Europe Network – Hellas] forms the largest network of comprehensive business support in the country, comprised of research and technical institutions, commercial and industrial business chambers and other established organisations in the fields of entrepreneurship and innovation.

Results: Access to European database with business profiles from the whole of Europe, agreements of cooperation between research organizations - companies, promotion of Greek technology in Europe and vice-versa. European distinction for good practices. Awards from DG Enterprise.

Euro-RisNET+

European Research Infrastructures Network of National Contact Points

www.euroris-net.eu

Duration: 2011 - 2013

Funding body:
European Commission [DG Research and Innovation & DG Information society & Media]

Subject field: Research infrastructures

EKT"s role: Coordinator of 16 partners

Aim: The aim is the provision of value-added services from the European Network of National Contact Points for the Research Infrastructures programme, through the support of transnational collaborations for the effective execution of the programme. The project - the expansion activities now result in best practices between network members for the provision of high level services for the scientific communities and other recipients of the programme – develops infrastructure and monitoring activities for European and regional national policies, programmes and initiatives for the Research Infrastructures.

At the same time, it creates a friendly environment strengthening the dialogue in relation to the ecosystem of Research Infrastructures, provides an all inclusive repository for the Research Infrastructures and updates for the programme in all subject fields of the 7th Framework Programme, as well as creating an intellectual and co-operative environment for scientific communities and users of the Research Infrastructures with the aim of strengthening the whole of the European Research Era.

Results: Observatory function [for national / regional policies, programming / funding tools for Research Infrastructures etc], the development of knowledge repositories, statistics and tools for better services, wider promotion to policy making bodies etc.

MEDOANET
Mediterranean Open Access Network

www.medoanet.eu

Duration: 2011 - 2013

Funding body: European Commission [DG Research & Innovation]

Subject field: Open Access, International Co-operation

EKT"s role: Co-ordinator of 9 partners

Aim: The aim is the co-ordination of strategies for Open Access in 6 Mediterranean countries [Greece, Italy, France, Spain, Portugal and Turkey], the documentation of existing structures and policies, support for synergies and encouragement of policy makers to commit to Open Access.

Results: The creation of working groups and the holding of relevant seminars at a national and international level, the organisation of international conferences for the promotion of Open Access policies, the development of guidelines for the implementation of Open Access policies by the authorities [ministries, research and research funding bodies etc] using a top-down approach, and the development of the 'Mediterranean Open Access Tracker', a tool that will provide details on the mapping of national strategies, policies and structures for Open Access in the 6 countries participating in the project.

NET4SOCIETY2

Trans-national co-operation among National Contact Points for Socio-economic sciences & the Humanities (SSH NCPs)

NET4SOCIETY3

Trans-national co-operation among National Contact Points for Socio-economic sciences & the Humanities (SSH NCPs)-3

www.net4society.eu

Duration: 2013 - 2014

Funding body: European Commission [DG Research & Innovation]

Subject field: Socio-Economic Sciences & the Humanities

EKT"s role: Training & operations leader – Helpdesk management, support for all aspects of activities

Aim: The aim is to upgrade the Network services of the National Contact Points for the "Socio-Economic Sciences & the Humanities" programme of the 7th Framework Programme and subsequently Horizon 2020, for research organisations and businesses which are interested in participating.

Results: There will be an electronic helpdesk, and a database of organisations operating in the field of Socio-Economic Sciences and the Humanities.

LAPSI 2.0
Legal Aspects of Public Sector Information 2.0

www.lapsi-project.eu

Duration: 2013 - 2014

Funding body: European Commission [DG Enterprise and Industry]

Subject field: Public information, Open Access, Entrepreneurship and Innovation

EKT"s role: Partner

Aim: The purpose of the project 'Legal Aspects of Public Sector Information 2.0' is to support access to content and the reuse of open data coming mainly from public sector information. The aim of LAPSI 2.0 is to identify the legal obstacles to access and reuse of public sector information [PSI] - including innovation the protection of personal data - in the European content market and to propose measures and tools, so as to limit these obstacles and stimulate progress in the European market towards open data.

Results: LAPSI 2.0 will promote the exchange of knowledge and experience of the network participants who comprise the wide PSI community, it will increase the understanding of the legal aspects of PSI between participants in the European content market and it will highlight the importance of linking these legal aspects with the exchange of opinions regarding the technological, institutional and socio-economic impact of opening PSI for the creation of a multi-disciplinary approach.

LAPSI 2.0 will permit the cross-border use of PSI. It will stimulate the availability of open data and, finally, it will encourage economic growth in the information society. In this way, it will support European Commission's Open Data Strategy by providing valuable advice about the vision of the European Commission regarding their Digital Agenda programme and their Europe 2020 strategy, as well as items of the 'open data and access to scientific information' ICT PSP Work Programme 2012.

RECODE
Policy RECommendations for Open Access to Research Data in Europe

recodeproject.eu

Duration: 2013 - 2015

Funding body: European Commission [DG Research and Innovation]

Subject field: Open Access. International Collaborations

EKT"s role: Co-ordinator of 9 partners

Aim: The RECODE project will boost and strengthen the existing network and active communities in the field of open access, so as to address challenges within the open access, data dissemination and preservation sectors.

Results: Open access to research data includes several different networks, initiatives and projects in various areas. Many organisations are already addressing key barriers to open access to research data, technical and infrastructural issues, ethical and legal issues, as well as state and institutional policy fragmentation. RECODE provides a space for European stakeholders interested in open access to research data to work together to provide common solutions for these issues.

Recommendations for a policy framework to support open access to European research data, is one of the results expected from the project. It will conduct studies of good practices and exchange good practice principles with interested stakeholders and institutions during networking activities. The RECODE project will culminate in a series of policy recommendations for open access to research data targeted at different stakeholders and policy-makers.

C-Energy+
Reinforcing the Network of Energy NCPs

www.c-energyplus.eu

Duration: 2010 - 2013

Funding body: European Commission [DG Research and Innovation]

Subject field: Energy

EKT"s role: Head of informative actions

Aim: The aim is to strengthen the European network of National Contact Points in the area of energy within the 7th Framework Programme. The network targets research and academic organisations, as well as the business community of the member states of the Network who are interested in participating in energy programmes of the 7th Framework Programme.

Results: There will be a report mapping organisations which are active in the area of energy, an electronic system to find partners, networking events and technology transfer.

OPENAIREPLUS
2nd-Generation Open Access Infrastructure for Research in Europe

www.openaire.eu

Duration: 2011 - 2014

Funding body: European Commission [DG Information Society and Media]

Subject field: Open Access

EKT"s role: Partner, Open Access Centre in Greece

Aim: The project is carrying out the pilot programme Open Access to research in the EU within the 7th Framework Programme. All researchers who are funded by the EU will have to publish the results of their research on an open access infrastructure, so that they are accessible to others online. EKT is the Greek Open Access Centre for research results within the 7th Framework Programme.

With this role EKT assists Greek scientists to deposit scientific publications of funded projects in open access repositories.

Results: There will be a guide for the implementation of the pilot initiative Open Access [for researchers, repository administrators and policy-makers]. There will also be a network to support the national brokerage agency for the deposit of publications [outcomes of the 7th Framework Programme] ,and the OPENAIRE portal using the Greek language [www.openaire.eu].

Creativity
Innovative Models of Production and Access

creativity.ekt.gr

Duration: 2012 - 2014

Funding body: European Commission

Subject field: Creative Industries

EKT"s role: Partner

Aim: The project aims to systematise research using new models of creative production and access to cultural material, in the search for a balance between economic sustainability in the culture sector and for society's access to knowledge, as a general means of stimulating creativity. Within the framework of this initiative, international good practices are identified and documented, while at the same time a manual of rules and proposals is being developed for wider accessibility.

Results: This project will lead to the production of 'good practices' and recommendations which will be directed towards innovative cultural producers, cultural organisations and policy creation, while at the same time there will be public events to present the findings to the general public with a widely accessible method.

Fit for Health
Promoting sustainable participation of high-technology, research-intensive SMEs operating in the Health Sector in FP7

Fit for Health 2.0
Promoting sustainable participation of high-technology, research-intensive SMEs operating in the Health Sector in FP7

www.fitforhealth.eu

Duration: Fit for Health 2010 - 2013, Fit for Health 2.0 2013 - 2017

Funding body: European Commission [DG Research and Innovation]

Subject field: Health

EKT"s role: Partners

Aim: The project supports researchers and businesses that are active in the area of health, in all the phases of the 7th Framework Programme and Horizon 2020, from conceiving an idea to the successful use of the research results, including the formation of joint ventures, proposal writing, the negotiations for subsidies, the management of the project and the effective use of results. The collaboration between SMEs and the academic community is encouraged through specialised services and tools.

Results: Databases of Greek organisations active in the field of health, quality educational material for all stages of the 7th Framework Programme, from updates to the commercial use of research results will be available.

PAERIP
Promoting African-European Research Infrastructures Partnerships

www.paerip.org

Duration: 2011 - 2013

Funding body: European Commission [DG Research and Innovation

Subject field: Research infrastructures

EKT"s role: Partner

Aim: The aim is to strengthen collaboration between European and African organisations in the development of Research Infrastructure and the safeguarding of interoperability between European and African research infrastructures.

Results: The development of the database http//inventory.paerip.org.paerip, an electronic helpdesk, a news desk and the hosting of events.

SHEMERA
Euro-Mediterranean research cooperation on gender and science, SHE Euro-Mediterranean Research Area

www.shemera.eu

Duration: 2011 - 2014

Funding body: European Commission [DG Research and Innovation]

Subject field: Socio-Economic Sciences and The Humanities, Gender Equality

EKT"s role: Partner

Aim: The main aim of the project is to document the policies and the scientific activities in the area of gender equality in research, as well as to collect and analyse statistical data for the entry and continued presence of women in research in the countries of the Mediterranean [Algeria, Egypt, Lebanon, Libya, Jordan, Morocco, Palestine, Syria and Tunisia]. A further purpose of the project is to make the relevant results available to the scientific community and to those responsible for policy making, via an online database and the project activities.

Results: A database with bibliography on gender equality in research in the Mediterranean countries - Algeria, Egypt, Lebanon, Libya, Jordan, Morocco, Palestine, Syria and Tunisia -Studies and Indicators, Dissemination of results for the research community, policy makers and the general public.

FLASH-IT
FaciLitating Access to Socio-economic ResearcH through Informationand Communications Technology

www.flash-it.eu

Duration: 2011 - 2013

Funding body: European Commission [DG Research and Innovation]

Subject field: Socio-economic Sciences and Humanities

EKT"s role: Partner

Aim: The aim is to use the results of projects funded by the Socio-Economic Sciences and Humanities, using ICT tools.

Results: The development of a database with results from projects which have been funded by the 'Socio-Economic Sciences and Humanities' programme [using new ICT tools from the 6th and 7th Framework Programmes], a study of the conclusions /data of projects which have been funded by the programme and the relevant infrastructures.

ARROW Plus
European Registries of Rights Information and Orphan Works

www.arrow-net.eu

Duration: 2011 - 2013

Funding body: European Commission [DG Enterprise]

Subject field: ICT

EKT"s role: Partner

Aim: The aim is to facilitate libraries and other users to identify those who have right to works which are part of digitisation programmes. Within the project a pan-European infrastructure is being created which reduces the gap between the quality of the data in different European countries. The achievement of the project's goals depends on interoperability, the exchange of bibliographic data, as well as information on copyright.

Results: The development of technical infrastructure and a system for owners' rights to intellectual works, in order to ensure interoperability of the data sources of European books [between countries and topic areas], the identification of user requirements for the successful adoption of the Arrow system, the formation of plans for national sustainability and the Arrow Plus system for the identification of Intellectual Property Rights.

Organisational Structure

EKT's Organisational Structure


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        ┌──────────────┐                    ┌──────────────┐
        │     NHRF     │────────●●────────┤│     EKT      │
        │   Board of   │                    │  Scientific  │
        │   Directors  │                    │    Board     │
        └──────────────┘                    └──────────────┘
                      ┌────────────────┐
                      │  EKT Director  │
                      │ Dr Evi Sachini │
                      └────────────────┘
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Financial Management Unit

Strategic Development & Coordination Office

Research, Development, Innovation Services & Metrics Department
- Registries, Metrics, Research and Innovation Services Unit
- ePublishing, Social Sciences & Humanities Activities Unit
- Intellectual Property Rights Management Unit

Scientific and Cultural Digital Library Department
- Collection Management Unit
- Documentation Unit
- Information Services Unit
- ABEKT Services Unit

e-Infrastructures and Information Systems Department
- Systems & Networks Unit
- Software Development Unit
- ABEKT Development & Digital Management Unit

Publicity and Communications Department
- Publicity Unit
- Publications and Digital Media Unit

EKT Scientific Board (ESEKT)

The Scientific Council of EKT (ESEKT), consisting of distinguished scientists and members of the academic and research community, contributes to the strategic planning and the efficient operation of the organization.

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Vice-President	**Katsougianni Eleni-Kleanthi,** Professor National & Capodistrian University of Athens, Medical School
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	Tsakiris Dimitrios, Researcher, Grade B, Foundation for Research and Technology-Hellas, Institute for Computer Sciences
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