

20 Δεκεμβρίου | Εθνικό Κέντρο Τεκμηρίωσης

HORIZON 2020

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

Ερευνητικές Υποδομές
στον τομέα της Υγείας

Γεωργία Τζένου | Εθνικό Κέντρο Τεκμηρίωσης (ΕΚΤ)



ΕΘΝΙΚΟ ΚΕΝΤΡΟ
ΤΕΚΜΗΡΙΩΣΗΣ

NATIONAL
DOCUMENTATION
CENTRE

Ερευνητικές Υποδομές

- *«Εγκαταστάσεις, ερευνητικοί πόροι, οργανωτικά συστήματα και υπηρεσίες που χρησιμοποιούνται από τις ερευνητικές κοινότητες για τη διεξαγωγή ερευνητικών δράσεων και την παραγωγή καινοτομίας, στα πεδία ενδιαφέροντός τους»*
- Περιλαμβάνονται: επιστημονικός εξοπλισμός, εργαλεία, συλλογές, αρχεία, επιστημονικά δεδομένα, υπολογιστικά συστήματα και λογισμικό, επικοινωνιακά δίκτυα, καθώς και κάθε άλλη υποδομή μοναδικού χαρακτήρα που είναι απαραίτητη στην απόκτηση αριστείας στην έρευνα και καινοτομία.

Ευρωπαϊκή διάσταση των Υποδομών

- Ανοικτή πρόσβαση για όλους τους Ευρωπαίους ερευνητές
- Συντονισμός ερευνητικών δράσεων, αποφυγή αποσπασματικότητας / επανάληψης
- Ανταλλαγή καλών πρακτικών & διαλειτουργικότητα
- Εκπαίδευση της επόμενης γενιάς επιστημόνων
- Σύνδεση εθνικών ερευνητικών κοινοτήτων για καλύτερη έρευνα
- Συνέργειες εθνικών πρωτοβουλιών για ενίσχυση της ανταγωνιστικότητας της ΕΕ

Ερευνητικές Υποδομές στην ΥΓΕΙΑ

13 υποδομές ESFRI

BBMRI	Biobanking and Biomolecular Resources Research Infrastructure
EATRIS	European Advanced Translational Research Infrastructure in Medicine
ECRIN	European Clinical Research Infrastructures Network
ELIXIR	European Life Science Infrastructure for Biological Information
EMBRC	European Marine Biological Resource Centre
EU-OPENSREEN	European Infrastructure of Open Screening Platforms for Chemical Biology
Euro-BioImaging	European Research Infrastructure for Imaging Technologies in the Biological and Biomedical Sciences
ERINHA	European Research Infrastructure on Highly Pathogenic Agents
Infrafrontier	European Infrastructure for Phenotyping and Archiving of Model Mammalian Genomes
INSTRUCT	An Integrated Structural Biology Infrastructure for Europe
ISBE	Infrastructure for Systems Biology – Europe
ANAEE	Infrastructure for Analysis and Experimentation on Ecosystems
MIRRI	Microbial Resource Research Infrastructure

Ερευνητικές Υποδομές στην ΥΓΕΙΑ

13 δίκτυα

- AQUAEXCEL: AQUAculture infrastructures for EXCELLence in European Fish research
- ASSEMBLE : Association of European Marine Biological Laboratories
- Bio-NMR: NMR for Structural Biology
- BioStruct-X : Transnational access and enhancement of integrated Biological Structure determination at Synchrotron X-ray radiation facilities
- BBMRI-LPC - BBMRI: Large Prospective Cohorts
- EAST-NMR : Enhancing Access and Services to East European users
Towards an efficient and coordinated pan-European pool of NMR capacities to enable global collaborative research and boost technological advancements
- ECRIN-IA: European Clinical Research Infrastructures Network – Integrating Activity

Ερευνητικές Υποδομές στην ΥΓΕΙΑ

I3 δίκτυα

- EMbaRC : European Consortium of Microbial Resource Centres
- EMMAservice : Servicing the European biomedical research community: archiving and dissemination of mouse models of human disease
- EPPN: European Plant Phenotyping network
- ESGI: European Sequencing and Genotyping Infrastructure
- EUPRIM-Net II : European Primate Network: Advancing 3Rs and International Standards in Biological and Biomedical Research
- EVA : European Virus Archive
- Infrafrontier-I3 : Development of mouse mutant resources for functional analyses of human diseases - Enhancing the translation of research into innovation
- INFRAVEC : Research capacity for the implementation of genetic control of mosquitoes

Ερευνητικές Υποδομές στην ΥΓΕΙΑ 13 δίκτυα

- NADIR: Network of Animal Disease Infectiology Research Facilities
- PCUBE : Infrastructure for Protein Production Platforms
- PRIME-XS : Proteomics Research Infrastructure Maximising knowledge EXchange and acceS
- SLING : Serving Life-science Information for the Next Generation
- TRANSVAC : European network of vaccine research and development
- ULICE : Union of Light Ions Centres in Europe

Ερευνητικές Υποδομές στην ΥΓΕΙΑ

Genomics and proteomics research facilities

INSTRUCT, Bio-NMR, BioStruct-X, East-NMR, Pcube, ESGI, Prime-XS, eNMR, WeNMR

Imaging facilities

Euro-BioImaging, neuGRID, N4U

Biological Resource Centres

BBMRI, **EMBRC**, **EU-Openscreen**, **INFRAFRONTIER**

Assemble, EMMAservices, EMBaRC, EUPRIMnet-II, EVA, Infravec

Data resources

ELIXIR, **BioMedBridges**, **SLING**, **IMPACT**

Medical research facilities

EATRIS, **ECRIN**, **ERINHA**
ECRIN-IA, Transvac, ULICE

Food and agriculture research facilities

NADIR, **AQUAEXCEL**, **EPPN**, **transPLANT**

*Health and Ageing, Food safety, Environmentally friendly production,
Climate change*

Ελληνική συμμετοχή σε Ερευνητικές Υποδομές

ESFRI Roadmap 2010

Social Sc. & Hum. (5)	Life Sciences (13)		Environmental Sciences (9)		Energy (7)	Material and Analytical Facilities (6)	Physics and Astronomy (10)		e-Infrastructures (1)
SHARE	BBMRI	ELIXIR	ICOS	EURO-ARGO	ECCSEL	EUROFEL	ELI	TIARA	PRACE
European Social Survey	ECRIN	INFRA FRONTIER	LIFEWATCH	IAGOS	Windscanner	EMFL	SPIRAL2	CTA	
CESSDA	INSTRUCT	EATRIS	EMSO	EPOS	EU-SOLARIS	European XFEL	E-ELT	SKA	
CLARIN	EU-OPENSREEN	EMBRC	SIAEOS	EISCAT_3D	JHR	ESRF Upgrade	KM3NeT	FAIR	
DARIAH	Euro BioImaging	ERINHA BSL4 Lab		COPAL	IFMIF	NEUTRON ESS	SLHC-PP	ILC-HIGRADE	
	ISBE	MIRRI			HiPER	ILL20/20 Upgrade			
	ANAEE				MYRRHA				



Greek Participation and funding commitments



Distributed research infrastructures

Single sited research infrastructures



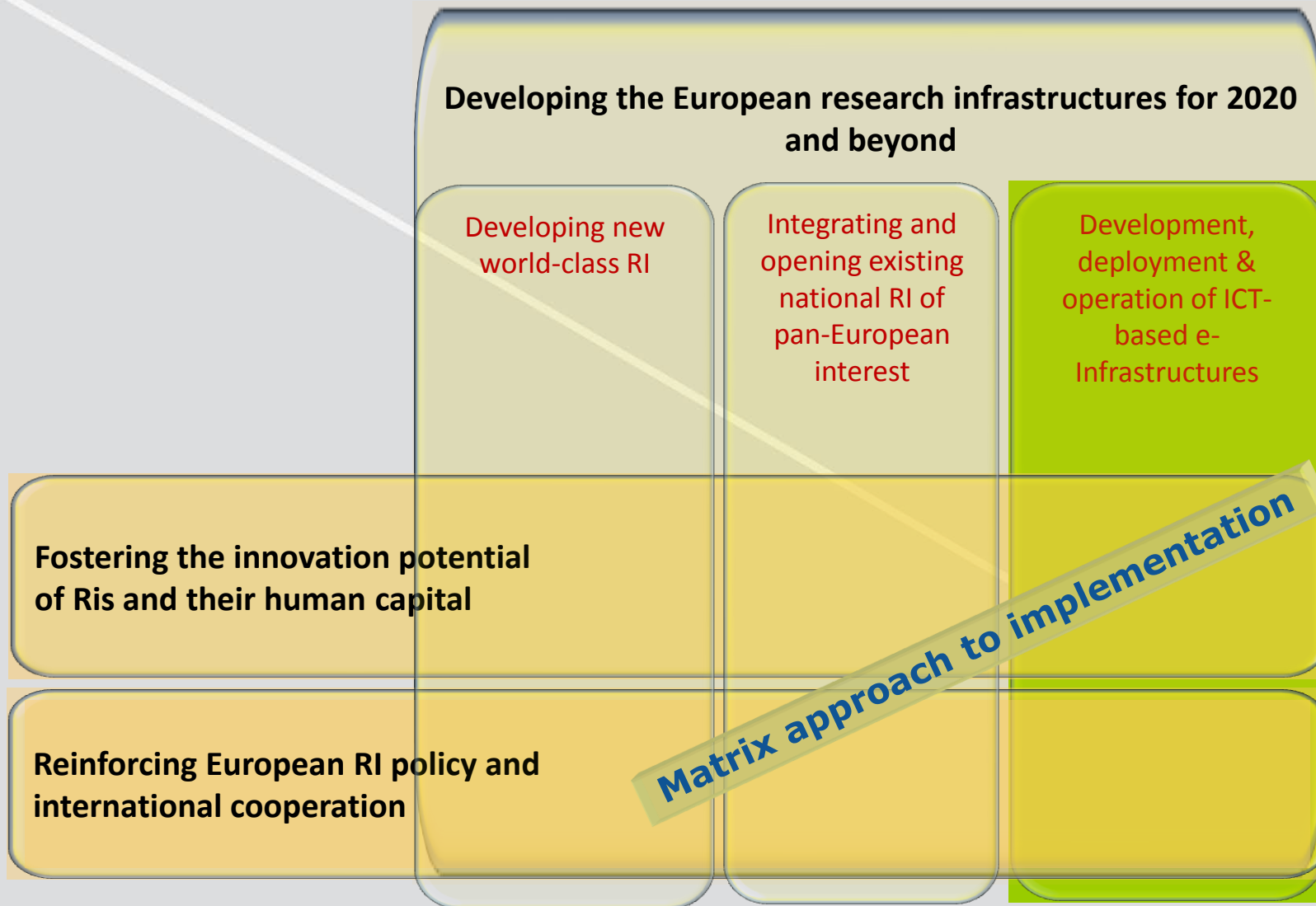
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Ελληνικοί οργανισμοί σε Ευρωπαϊκές Υποδομές

INFRAFRONTIER (Functional Genomics in the mouse as a model of human disease)	BSRC Fleming - BIOMEDICAL SCIENCES RESEARCH CENTER ALEXANDER FLEMING	ESFRI Roadmap 2006
BBMRI (European Biobanking and Biomolecular Resources)	BRFAA - BIOMEDICAL RESEARCH FOUNDATION, ACADEMY OF ATHENS	ESFRI Roadmap 2006
EATRIS (European Advanced Translational Research Infrastructure for Medicine)	BRFAA - BIOMEDICAL RESEARCH FOUNDATION, ACADEMY OF ATHENS	ESFRI Roadmap 2006
EMBRC (European Marine Biological Resource Centre) *	HCMR – HELLENIC CENTRE OF MARINE RESEARCH	ESFRI Roadmap 2008
BSL4 Laboratories (European High Security BSL4 Laboratories) *	HPI – HELLENIC PASTEUR INSTITUTE	ESFRI Roadmap 2008
EUROBioImaging (European Biomedical Imaging Infrastructure) *	Associated partners: ❖ Democritus University of Thrace Biomedical Research Institute, Ioannina Biomedical Sciences Research Center "Alexander Fleming" Foundation for Research and Technology Hellenic Pasteur Institute University of Patras Biomedical Research Foundation of the Academy of Athens	ESFRI Roadmap 2008

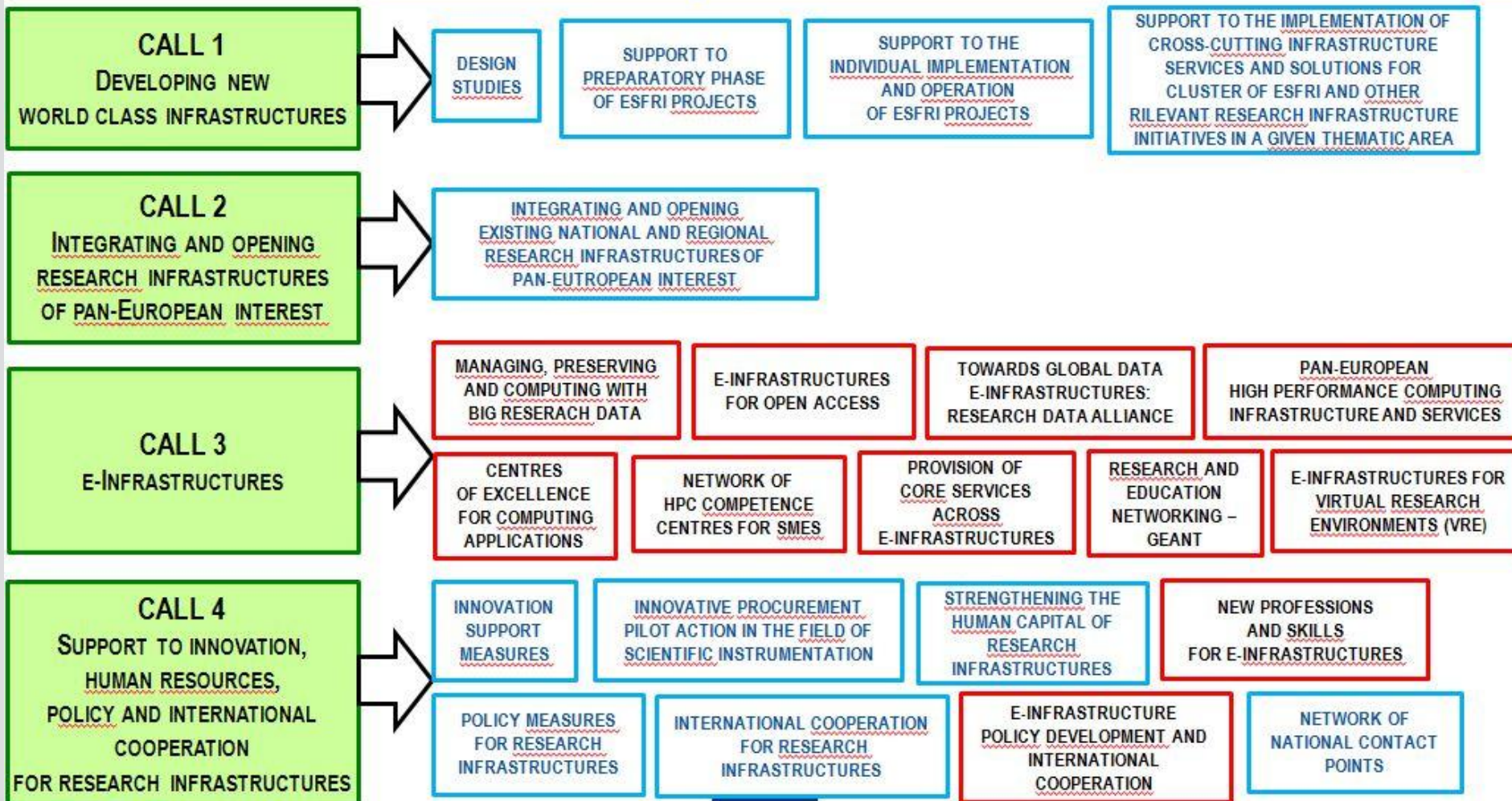
- *Running Preparatory Phase projects*
- *GSRT provides more detailed data for Greek participation in ESFRI projects*

Ερευνητικές Υποδομές στο «Ορίζοντας 2020»



Προκηρύξεις στο «Ορίζοντας 2020»

RESEARCH INFRASTRUCTURE Work Programme 2014-2015



ΕΚΤ: Συντονιστής Εθνικών Σημείων Επαφής στην ΕΕ

<http://observatory.euroris-net.eu/>

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OBSERVATORY
Research Infrastructures' Network

EURORIS-Net+

• RI Projects • RIs • Organisations • Persons • Documents • TA Calls • Visualisations

330 RI Projects | 349 RIs | 1909 Organisations | 718 Persons | 206 Documents | 122 TA Calls

Advanced search search... Login | Forgot your password?

Observatory

EuroRis-Net+ Observatory is the single entry point for information on Research Infrastructures. The National Contact Points for FP7-RI programme, experts from European and third countries, gather, organise and provide access to information on RI projects, transnational access opportunities, policy issues, stakeholders, national and regional initiatives on RIs, etc. Researchers and policy makers can stay up to date with latest developments on RIs, find opportunities for collaboration, share news and events, contact potential partners, access indicators and best practices. The information covers all countries and all thematic fields.

Search the information based on your own interests, discover snapshot-reports and contact your NCP for further assistance in the RI environment!

Transnational Access Calls

Find RI projects offering transnational access (TA) opportunities.

VISIONAIR: Vision Advanced Infrastructure for Research (262044)

UP-GRADE BS-SCENE: Up-Grade Black Sea Scientific Network (226592)

Register

You can click [HERE](#) to register.

Search a Country

Find out more about Research infrastructures in European and third countries. Select a country and browse projects, organisations, policy makers, contact persons, roadmaps, etc.

Select a country Go

What's new?

Latest updates on the Observatory:

- New RI Roadmap in France
- Interactive maps to locate RIs that open their doors to all researchers in Europe (EUROPA)

Discover RIs

Snapshots of RIs statistics, key participants, indicators per thematic category, etc.

- Browse RI projects & organisations involved by thematic category.


Select a domain Go

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European Network of National Contact Points
for Research Infrastructures moving forward

Home About EuroRIS-Net+ News RI Calls E-Newsletter Success Stories Events Related projects & links
Network Area Login Area

RI Observatory

Transnational Access Opportunities

RI Policy

FP7 NCP networks' corner

FAQs

RI Events Calendar

« Prev **December 2013** Next »

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

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Home

Transnational Access Opportunities

[View Transnational Access Open Calls](#)

Please find below RI projects offering transnational access opportunities (13 projects, e-infrastructures and other projects offering access opportunities, e.g. ESFRI projects).

Through our project team all data will be revised and updated at a regular basis, aiming to offer the most up-to-date information on the opportunities offered through the existing infrastructures of pan-European interest.

Select Current Call Close date Project Acronym Domain

13 Projects
 e-infrastructures
 Other projects offering access opportunities

-Year
-Month
SEARCH

Project: **ULICE** | Contract No: **228436** | Project Website: <http://ulice.web.cern.ch/ULICE/cms/index.php?file=home>

Union of Light-Ion Centres in Europe

Transnational Access Info:
Transnational access (TA) within the ULICE Project and the framework of the European Community gives the opportunity for patients and their referring physicians as well as researchers to have access to hadrontherapy at particle treatment facilities.
More info: <http://ulice.web.cern.ch/ULICE/cms/index.php>

Project: **NADIR** | Contract No: **228394** | Project Website: http://www.nadir-project.eu/nadir_project/

The Network of Animal Disease Infectiology Research Facilities

Transnational Access Info:
NADIR invites the Research Community to carry out projects within the 14 facilities participating in the network. Access funded will concern research projects involving any of the livestock species (cattle, pigs, chickens, sheep, goat and fish) and may use live animals including laboratory species (e.g. mice) or cell lines. Projects should be focused on diseases or pathogens requiring L3 containment, preferably
More info: <http://www.nadir-network.eu/CallForAccess>

Project: **INSTRUCT** | Contract No: **211252** | Project Website: <http://www.structuralbiology.eu/>

Structural biology



ΕΚΤ & Ερευνητικές Υποδομές

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