

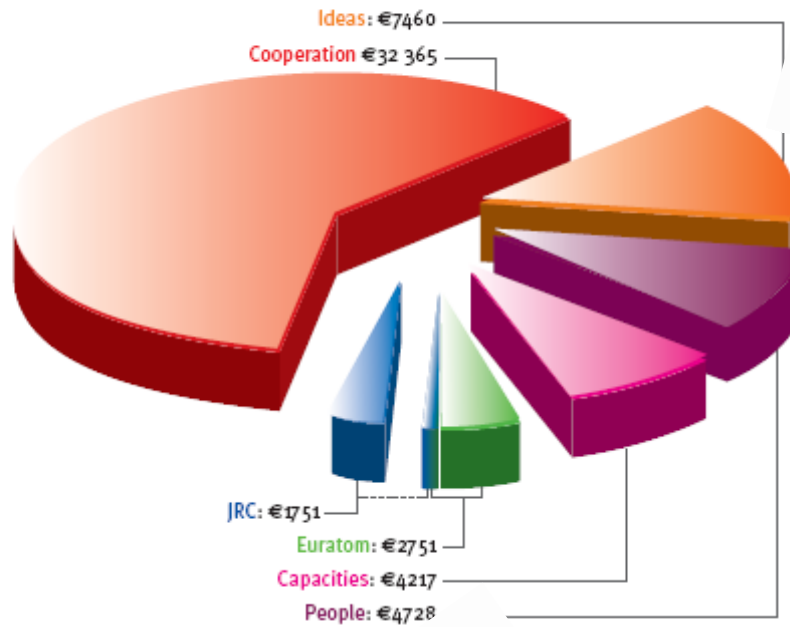
**Az FP7 áttekintése,
a kutatási infrastruktúrák munkaprogramja**

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Tartalom

- **Az előadás első fele: a CAPACITIES áttekintése**
- **Az előadás második fele: új pályázati forma, az „I3” a gyakorlatban**
- **Megjegyzés:**
 - a slidok zöme angolul lesz, mert az eredeti szövegekből kerültek összeállításra

The indicative breakdown (€ million) of FP7



RESEARCH INFRASTRUCTURES

Budget: €1.8 billion (2007 - 2013)
 Research infrastructures play an increasing role in the advancement of knowledge, technology and their exploitation. They need a broad range of expertise to be developed and should be used and exploited by a large community of scientists and industries on a European scale.

SMALL MEDIUM ENTERPRISES (SMEs)

Budget: €1.3 billion (2007 - 2013)
 SMEs make up a large part of Europe's economy and industry. The EU's 23 million SMEs account for 99% of all businesses and contribute up to 80% of employment in some industrial sectors, such as textiles.

SCIENCE IN SOCIETY

Budget: €280 million (2007 - 2013)
 'Science in Society' aims to bridge the gap between science professionals and those without a formal science education and to promote a taste for scientific culture in the public at large. Some of the initiatives, therefore, are aimed at triggering the curiosity of young people for science and at reinforcing science education at all levels.

REGIONS OF KNOWLEDGE

Budget: €126 million (2007 - 2013)
 Regions are increasingly being recognised as important players in the EU's research and development landscape. Local resources are taking an active part in scientific endeavour and innovation in favour of society.

RESEARCH POTENTIAL OF CONVERGENCE REGIONS

Budget: €370 million (2007 - 2013)
 Europe needs to exploit its research potential, particularly in the less advanced regions that are remotely situated from the European core of research and industrial development. A strategy of inclusiveness can potentially benefit the social fabric, as well as the research community and the industry, locally and at the level of the European Research Area.

SUPPORT TO THE COHERENT DEVELOPMENT OF RESEARCH POLICIES

Budget: €70 million (2007-2013)

INTERNATIONAL COOPERATION

Budget: €185 million (2007 - 2013)

MI VAN A WEBLAPON?

<http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7CallsPage>

MAGYAR TUDOMÁNYOS AKADÉMIA
KUTATÓINTÉZETI FŐOSZTÁLYA
által összeállított

SEGÉDLET
az

EU 7. KERETPROGRAM
NYITOTT PÁLYÁZATI FELHÍVÁSOK
Specifikus programjaiban való eligazodáshoz



Budapest, 2007

Minden egyes pályázati felhívás több dokumentumból áll:

- **Call Fiche,**
- **Work Programme,**
- **FP7 factsheets,**
- **Guide for Applicants (NoE, SA, CA, CP);**
- **Additional Documents;**
- **Get Support (National Contact Points),**
- **Build Your Consortium (potential partners).**

Information Package:


In order to receive a complete Information Package for this call, you will need to select the following elements:

1. The call fiche (only available in .pdf format)
2. The work programme (.pdf format)
3. FP7 factsheets in your preferred language - an overview of the basic features of this programme (.pdf format)
4. The Guides for Applicants relevant to the funding schemes used in this call (.pdf format)

All files have been treated uniformly and compressed to facilitate the access to the individual documents and to optimise the speed of transfer. To access the files, you will need a [file compression utility](#) capable of opening the '.zip' format.


Documents can be downloaded or sent to you by email. For the latter option, please insert your email address in the box provided.

N.B. This call for proposals relates to the provisional Capacities work programme adopted by Commission Decision C(2006)6839 of 21 December 2006. This provisional work programme is subject to formal confirmation following the entry into force of the 7th Framework Programme and the Specific Programme and is correspondingly subject to possible changes. This confirmation will be published in the Official Journal.

 **Call Fiche**


Language: File Type:

Email:

 **Work Programme**


Language: File Type:

Email:

 **Work Programme -General introduction**

Language: File Type:

Email:

 **Work Programme -General annexes**

Language: File Type:

Email:

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Jelölési rend

Capacities Specific Programme:	Part	Call Identifier
n_wp_200701_en.pdf	1. Research Infrastructures	FP7-INFRASTRUCTURES-2007-1
p_wp_200701_en.pdf	2. Research for the benefit of SMEs	FP7-SME-2007-1 FP7-SME-2007-2 FP7-SME-2007-3
q_wp_200701_en.pdf	3. Regions of knowledge	FP7-REGIONS-2007-1 FP7-REGIONS-2007-2 FP7-REGIONS-2007-3
r_wp_200701_en.pdf	4. Research Potential	FP7-REGPOT-2007-1 FP7-REGPOT-2007-2 FP7-REGPOT-2007-3 FP7-REGPOT-2007-4
s_wp_200701_en.pdf	5. Science in Society	FP7-SCIENCE-IN-SOCIETY-2007-1
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u_wp_200701_en.pdf	7. Activities of International Cooperation	FP7-INCO-2007-1 FP7-INCO-2007-4

MEGJEGYZÉSEK

- **A call mindig 2007-re szól, de ad tájékoztatást a várható 2008-as felhívásokról, a tervezhetőség érdekében**
- **Fontos megnézni:**
 - **EVALUATION CRITERIA**
 - **FUNDING SCHEME**
- **A CAPACITIES ÁLTALÁBAN NEM KUTATÁST TÁMOGAT, HANEM A KUTATÁS SZERVEZÉSÉT TÁMOGATJA!!!**

Példa work programra 1.

EU FP7 Specific Programme

<http://cordis.europa.eu/fp7/de/index.cfm?fa=actions=UserSite.FP7CallsPage>

3. Regions of knowledge and support for regional research-driven clusters

The 'Regions of knowledge' initiative aims to strengthen the research potential of European regions, in particular by encouraging and supporting the development, across Europe, of regional 'research-driven clusters' associating universities, research centres, enterprises and regional authorities.

Activities:

1. *Analysis, mentoring and integration of research actors (3.1)*
The Regions of Knowledge supports innovative research-driven clusters to have more and better RTD investments at regional level. Projects must demonstrate a clear exploitation potential in the regions which are concerned and should help actors in the regions to make the best of EU instruments such as the Framework Programmes, the Competitiveness and Innovation Programme or the Structural Funds.
 2. *Facilitating the emergence of new clusters and mutual information (3.2)*
This Regions of Knowledge activity will provide support to foster seed-beds to create national and/or European research-driven clusters on the basis of support from the public and private sectors, including in emerging Regions of Knowledge such as the convergence and outermost regions, and for activities to promote systematic mutual information exchange as well as interactions between similar projects and where appropriate, with actions of other relevant Community programmes such as enterprise and cohesion policy (e.g. analysis and synthesis workshops, round-tables, publications), as well as the organisation of strategic workshops or the support to expert groups.
- *Other activities: Trans-national co-operation among NCPs*
Reinforcing the network of National Contact Points (NCP) for the Seventh Framework Programme under Regions of Knowledge, by promoting trans-national co-operation. The action will focus on identifying and sharing good practices. This may entail various mechanisms such as benchmarking, joint workshops, training, and twinning schemes. Practical initiatives to benefit cross-border audiences may also be included, such as trans-national brokerage events. The specific approach should be

Call identifier: FP7-REGIONS-2007-1
Date of publication: 22 December 2006
Deadline: 24 April 2007, at 17 h, Brussels local time
Indicative budget: 8.8 M€ from 2007 budget
Topics called:

Activity/ Area	Funding Schemes
Regions-2007-1. Analysis, mentoring and integration of research actors <ul style="list-style-type: none"> • Bringing the benefits of research to SMEs • Research and rural economies 	CSA (Support Actions)

- Evaluation procedure:
 - The evaluation criteria (including weights and thresholds) and sub-criteria together with the eligibility, selection and award criteria, for the different funding schemes are set out in Annex 2 to this work programme.
 - The evaluation will follow a single stage procedure.
 - Proposals will not be evaluated anonymously.

Activities:

1. *Analysis, mentoring and integration of research actors (3.1)*
 - The Regions of Knowledge supports innovative research-driven clusters to have more and better RTD investments at regional level.
 - Projects must demonstrate a clear exploitation potential in the regions which are concerned and should help actors in the regions to make the best of EU instruments such as the Framework Programmes, the Competitiveness and Innovation Programme or the Structural Funds.
2. *Facilitating the emergence of new clusters and mutual information (3.2)*
 - support to foster seed-beds to create national and/or European research-driven clusters on the basis of support from the public and private sectors.

Példa work programra 2.

EU FP7 Specific Programme

<http://cordis.europa.eu/fp7/4c/index.cfm?fuseaction=UserSite.FP7.CallsPage>

4. Research potential of Convergence Regions

Stimulating the realisation of the full research potential of the enlarged European Union by unlocking and developing the research potential in the EU's 'convergence regions' and outermost regions, and helping to strengthen the capacities of their researchers to successfully participate in research activities at EU level.

Activities

- *Activity: 4.1.Unlocking and developing the research potential in the EU's convergence regions and outermost regions*
This activity will give the possibility to improve the research capacities of highest quality and/or promising centres, in the thematic priorities' domains of the FP7, by reinforcing their S&T potential, by supporting and mobilising the human and material resources, by developing strategic partnerships (including twinning) with well established research groups elsewhere in the Union, by disseminating scientific information as well as the results of research, by facilitating communication between the centres having similar scientific interest and by improving their responses to socio-economic needs of the country
- *Activity: 4.2.Providing evaluation facilities for research organisation in the EU's convergence regions and outermost regions*
This activity will provide evaluation facilities through which any research entity in the qualifying regions, whether or not applying for funding under Activity 4.1, could obtain an international independent expert evaluation of the level of their overall research quality and infrastructures and define an Action Plan to improve their research capacities
- *Activity: 4.3. International Co-operation*
This activity will provide the opportunity to develop partnerships through actions with existing or emerging centres of excellence established in the EU's convergence and outermost regions, the Member States and the Western Balkan Countries (WBC). This will be realised by improving networking and exchange of know-how and experience between the countries concerned as well as by upgrading the research capacities of highest quality and/or promising centres in the WBC, in any research topic covered by the EC FP7.

Indicative budget

• Call FP7-REGPOT-2007-1	23.5 M€
• Call FP7-REGPOT-2007-2	1 M€
• Call FP7-REGPOT-2007-3	8 M€
• Call FP7-REGPOT-2007-4	0.5 M€
• Experts evaluators	403 284 €

INDICATIVE TOTAL BUDGET ALLOCATION	33.403 284 M€
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Activity: 4.1.Unlocking and developing the research potential in the EU's convergence regions and outermost regions

This activity will give the possibility to improve the research capacities of highest quality and/or promising centres, in the thematic priorities' domains of the FP7, by reinforcing their S&T potential, by supporting and mobilising the human and material resources, by developing strategic partnerships (including twinning) with well established research groups elsewhere in the Union, by disseminating scientific information as well as the results of research, by facilitating communication between the centres having similar scientific interest and by improving their responses to socio-economic needs of the country.

RESEARCH INFRASTRUCTURES

- **The overall objective of the ‘Research infrastructures’ part of the FP7 Capacities programme is to optimise the use and development of the best research infrastructures existing in Europe.**
- **Furthermore, it aims to help to create new research infrastructures of pan-European interest in all fields of science and technology. The European scientific community needs these to remain at the forefront of the advancement of research, and they will help industry to strengthen its base of knowledge and technological know how.**

DEFINÍCIÓ:

Within the scope of this Community action, the term “research infrastructures” refers to

- **facilities, resources and related services that are used by the scientific community to conduct top-level research in their respective fields.**
- This definition covers:
 - major scientific equipment or set of instruments;
 - knowledge based-resources such as collections, archives or structured scientific information;
 - enabling ICT-based infrastructures such as Grid, computing, software and communications;
 - any other entity of a unique nature essential to achieve excellence in research.
- Such research infrastructures may be “single-sited” or “distributed” (a network of resources).

- **1. Support the existing research infrastructure**
- a. **Integrating activities**: to ensure that European researchers may have access to the best research infrastructures by supporting the integrated provision of infrastructure related services to the research community at a European level and at international level when appropriate
- b. **e-infrastructures**: e-Infrastructures aims at developing a new research environment, building upon the ICT capabilities of existing infrastructures, on which all scientists have an easy-to-use controlled access to unique or distributed scientific facilities.
- **2. Support to new research infrastructures (or major upgrades of existing ones)**
- a. **Design Studies**: to contribute to conceptual design studies for new research infrastructures, that demonstrate a clear European dimension and interest.
- b. **Construction of new infrastructures (or major upgrades of existing ones)**: to provide catalytic and leveraging support for the construction of critical new facilities building primarily upon the work conducted by ESFRI.

BUDGET: 164,4 EURO

Call identifier: **FP7-INFRASTRUCTURES-2007-1**

Date of publication: 22 December 2006

Deadline: 2 May 2007, at 17.00, Brussels local time

Indicative budget: 164,4 million EUR

Topics called:

Line of action/ Activity	Topics called	Funding scheme(s)	€ (million) indicative
1.1 Support to existing research infrastructures			
1.1.2 ICT based e-Infrastructures	INFRA-2007-1.2.1: Scientific Digital Repositories	Combination Collaborative projects & Coordination and support actions	15
	INFRA-2007-1.2.2: Deployment of e-Infrastructures for scientific communities.		27
1.2. Support to new research infrastructures			
1.2.1 Design studies	INFRA-2007-2.1.1: Design studies for research infrastructures in all S&T fields	Combination Collaborative projects & Coordination and support actions	29
	INFRA-2007-2.1.2: Design studies for e- Infrastructures		6
1.2.2 Construction of new infrastructures - preparatory phase	INFRA-2007-2.2.1.x: Preparatory phase for research infrastructures in the 2006 ESFRI Roadmap	Combination Collaborative projects & Coordination and support actions	63,4
	INFRA-2007-2.2.2.1: Preparatory phase for "Computer and Data Treatment" research infrastructures in the 2006 ESFRI Roadmap		10

Indicative priorities for future calls

The indicative planning for the various calls for the period 2007-2013 is given below

Activity	Call 1 (03.05.07)	Call 2 (Fall 2007)	Call 3 (Spring 2008)	Call 4 (Fall 2008)	Call 5 (Spring 2010)	Call 6 (Spring 2012)
Integrating activities			X		X	X
e-Infrastructures	X	X		X	X	X
Design studies	X				X	
Construction – support to the preparatory phase	X				X	
Support to policy development and programme implementation	X	X	X		X	X

* Dates indicated are tentative call closing date

Call N° 2 in 2007 will address the following topics:

INFRA-2007-1.2.3	e-Science Grid infrastructures
INFRA-2007-3.3	Studies, conferences and coordination actions supporting policy development, including international cooperation, for e-Infrastructures

Calls in 2008 will address the following topics:

INFRA-2008-1.1.1	Integrating Activities in all scientific and technological fields
INFRA-2008-1.1.2.x	Integrated Activities to support the specific needs of thematic priority areas
INFRA-2008-1.1.4	GEANT
INFRA-2008-1.2.5	Scientific Data Infrastructure
INFRA-2008-3.4	Studies, conferences and coordination actions supporting policy development, including international cooperation, in all S&T fields
INFRA-2008-3.5	Coordination actions to support emerging needs

INFRA-2007-1.2.1: Scientific Digital Repositories.

This topic fosters a **coordinated approach to the deployment of digital repositories** for the scientific communities by pooling existing resources at European level and supporting data storage, archiving, access, interpretation, interoperability, management and curation activities.

This will enable scientists to effectively aggregate and combine information to generate and share knowledge, profiting from a transparent underlying data infrastructure across different communities, institutions and geographic boundaries.

The contribution to **common open standards** and their widespread adoption is an essential element of this activity, to bridge heterogeneity and ensure long term preservation.

ÚJ ELEM: The Integrated Infrastructure Initiative (I3) model

Integrated Infrastructure Initiatives (I3) should combine, in a closely coordinated manner:

- (i) *Networking activities,*
- (ii) *Trans-national access and/or service activities and*
- (iii) *Joint research activities.*

All three categories of activities are mandatory as synergistic effects are expected from these different components.

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1.A Trans-national access activities

- To provide trans-national access to researchers or research teams to one or more infrastructures **among those operated by participants**. These access activities should be implemented in a coordinated way such as to improve the overall services available to the research community.

1.B Service activities

- To provide specific research infrastructures related services to the scientific community.

The Integrated Infrastructure Initiative (I3) model

2. Joint Research Activities. **!!!NEM KUTATÁS!!!!**

These activities should be innovative and explore new fundamental technologies or techniques underpinning the efficient and joint use of the participating research infrastructures. To improve, in quality and/or quantity, the services provided by the infrastructures.

These joint research activities could address (non

- exhaustive list):
 - – higher performance methodologies and protocols;
 - – higher performance instrumentation, including the testing of components, subsystems, materials, techniques and dedicated software;
 - – integration of installations and infrastructures into virtual facilities;
 - – innovative solutions for data collection, management, curation and annotation; etc.

The Integrated Infrastructure Initiative (I3) model

3. *Networking activities.*

To foster a culture of co-operation between the participants in the project and the scientific communities benefiting from the research infrastructure.

- – joint management and pooling of distributed resources;
- – development of common standards, protocols and interoperability;
- – benchmarking;
- – development and maintenance of common databases for the purpose of networking and management of the users and infrastructures;
- – spreading of good practices;
- – provision of consultancy and training courses to new users;
- – foresight studies for new instrumentation, methods, concepts and/or technologies;
- – promotion of clustering and concertation actions amongst related projects;
- – coordination with national or international related initiatives and support to the deployment of global approaches to science;
- – dissemination of knowledge;
- – internal and external communication.

ÉRTÉKELÉSI KRITÉRIUMOK

- **1. Scientific and/or technological excellence (award)**
 - Clarity of the objectives and quality of the concept.
 - Contribution of the overall project to the provision of integrated services and to the coordination of high quality research.
 - Quality and effectiveness of the Trans-national Access and Services, and associated work plan: The extent to which the activities will offer high quality services, access to state-of-the-art infrastructures, and will enable users to conduct high quality research.
 - Quality and effectiveness of the Joint Research Activities and associated work plan: The extent to which the activities will contribute to quantitative and qualitative improvements of the services provided by the infrastructures.
- **2. Quality and efficiency of the implementation and the management (selection)**
 - Appropriateness of the management structure, the management procedures, and the implementation plan to achieve the objectives of the project. Quality and relevant experience of the individual participants and quality of the consortium as a whole (including complementarity, balance, critical mass).
 - Appropriate allocation and justification of the resources to be committed (budget, staff, equipment), by task and participant.
- **3. The potential impact (award)**
 - Contribution at the European level of the access and service activities towards an improved access to - and use of - the pool of research infrastructures and new opportunities of access and use for researchers from across the EU.